



EC/EV_Park/HYC/June/2026

Date: 26.05.2026

To,
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.

Sir/Madam,

Sub: SIPCOT Industrial Park at Manallur and Soorapoondi Villages, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu - Submission of Half Yearly Compliance Report for June 2026 (i.e., for the period of October 2025 to March 2026) - Reg.

Ref: 1. EC obtained vide File No. 21-59/2015-IA.III Dated: 10.11.2020
2. EC Amendment obtained vide EC Identification No.EC24A3101TN5735699N; File No. 21-59/2015-IA.III Dated : 17.03.2025

With reference to the above, we hereby submit the Half Yearly Compliance Report for the Development of Industrial Park at Manallur and Soorapoondi Villages, Gummidipoondi Taluk, Thiruvallur 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 Chairman,
Tamil Nadu Pollution Control Board,
No-76, Mount Road, Guindy, Chennai-600 032.
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.

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

/2/

3. The Project Officer
SIPCOT Industrial Park,
Manallur

/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 Manallur & Soorapoondi Villages,
Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu”**

EC obtained vide File No .21-59/2015-IA.III Dated: 10.11.2020

**EC amendment obtained vide EC Identification No. EC24A3101TN5735699N; File No.
21-59/2015-IA.III Dated: 17.03.2025**

Submitted by



**M/S. STATE INDUSTRIES PROMOTION CORPORATION OF TAMILNADU LIMITED
19/A, Rukmani Lakshmipathy Road,
Egmore, Chennai-600008.**

May 2026

TABLE OF CONTENTS

S.No.	Table of Contents	Page No.
1.	Project details	1
2.	Location map	2
3.	Site photograph	3
4.	Six monthly environmental clearance statement	4
5.	Environmental Monitoring Details	25
	5.1 Ambient air quality monitoring	25
	5.2 Ambient noise level monitoring	25
	5.3 Soil Quality monitoring	25
	5.4 Ground water quality monitoring	25
	5.5 Surface water quality monitoring	25
6.	Conclusion	26

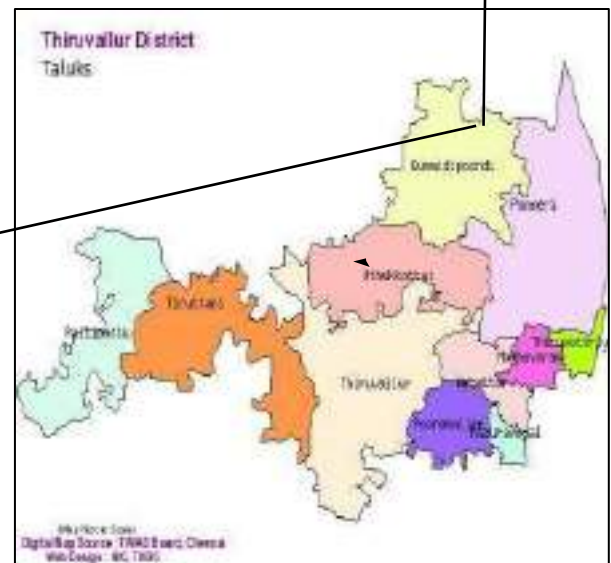
LIST OF ANNEXURES

S.No	List of Annexure
Annexure 1	Environmental Clearance Copy
Annexure 1a	EC Amendment Copy
Annexure 2	CMWSSB Approval Letter Copy
Annexure 3	CTE Copy
Annexure 4	Environmental Monitoring Reports
Annexure 5	Environmental Monitoring Photographs
Annexure 6	Screenshot of EC & EC Amendment copy uploaded in SIPCOT website
Annexure 7	Screenshot of Six- monthly compliance uploaded in SIPCOT Website
Annexure 7a	Screenshot of Six- monthly compliance uploaded in PARIVESH Website
Annexure 8	Proof of Submission of Half Yearly Compliance to Competent Authority
Annexure 9	Proof for submission of Form V to TNPCB
Annexure 9a	Screenshot of Environmental Statement uploaded in SIPCOT website
Annexure 10	Newspaper Advertisement Copy
Annexure 11	EC copy submission to Local body/relevant Government offices
Annexure 12	Environmental Management Cell
Annexure 13	Environmental Policy approved by Board of Directors
Annexure 14	PCCF letter
Annexure 15	NBWL recommendation letter and its compliance statement

1. PROJECT DETAILS

Name of the Project	Development of Industrial Park at Manallur
Name of the Proponent	M/s. State Industries Promotion Corporation of Tamil Nadu Ltd
Location	Manallur and Soorapoondi Villages, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu
EC. No	EC Obtained vide File No .21-59/2015-IA.III Dated: 10.11.2020 EC copy enclosed as Annexure-1. EC Amendment copy enclosed as Annexure-1a.
Total Plot Area	279.995Ha (691.587Acres)
Water Requirements	Construction phase: 63 KLD Operation phase: 5956 KLD (Fresh water- 685 KLD; TTRO Water- 3365 KLD (CMWSSB), Recycled water- 1906 KLD. CMWSSB Approval Letter Copy is enclosed as Annexure-2.
Project Cost	Rs. 353.28 Crores

2. LOCATION MAP



3. SITE PHOTOGRAPHS



4.0 HALF YEARLY ENVIRONMENTAL CLEARANCE COMPLIANCE STATEMENT

EC Issued by Ministry vide File No .21-59/2015-IA.III Dated: 10.11.2020

A. SPECIFIC CONDITIONS

S.NO	CONDITION	STATUS OF COMPLIANCE
1	The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. It does not amount to approvals/ consent/ permissions etc required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes as applicable to the project.	Condition noted and will be complied. CTE copy is enclosed as Annexure-3
2	The project proponent shall abide by all the commitments and recommendations made in the Form-II, EIA and EMP report, submissions made during Public Hearing and also that have been made during their presentation to EAC.	Condition will be complied.
3	No groundwater shall be used at any stage of project.	No ground water will be used for the Project. Water Supply letter from CMWSSB is enclosed as Annexure - 2.
4	No waste water shall be discharged to the rivers/streams or water bodies. The proponent shall utilize the treated effluent and sewage for achieving zero discharge and scheme for the same shall be approved by CPCB and SPCB.	Condition will be complied. No waste water will be discharged to any water bodies. SIPCOT will mandate the individual industries to adopt ZLD system and install STP / ETP as applicable & treat the sewage / effluent. Treated sewage will be used for flushing and green belt development within their premises as per the norms.
5	Permission from Irrigation Department for obtaining surface water to be obtained. Consent to Operate shall not be issued without obtaining permission competent	Condition complied. Water Supply letter from CMWSSB is enclosed as Annexure - 2.

	authority for use of surface water.	
6	Detailed plan of expenditure with implementation schedule to address issues raised during Public Hearing shall be prepared and submitted to the Regional Office of this Ministry within three months. The proponent shall adhere the strict compliance of above plan to utilize funds as per schedule.	Condition will be complied.
7	As per the Ministry's Office Memorandum F. No. 22-65/2017-IA.III dated 30 th September, 2020, the project proponent shall abide by all the commitments made by them to address the concerns raised during the public consultation. The project proponent shall initiate the activities proposed by them, based on the commitment made in the public hearing, and incorporate in the Environmental Management Plan and submit to the Ministry. All other activities including pollution control, environmental protection and conservation, R&R, wildlife and forest conservation/protection measures including the NPV, Compensatory Afforestation etc, either proposed by the project proponent based on the social impact assessment and R&R action plan carried out during the preparation of EIA report or prescribed by EAC, shall also be implemented and become part of EMP.	Conditions will be complied.

B. STANDARD CONDITIONS

S.No	Conditions	Status of Compliance
I. Statutory Compliance		
1.	The project proponent shall prepare a Site-Specific Conservation Plan & wild life Management Plan and approved by the Chief Wildlife Warden. The recommendations of	Condition is being Complied. Site specific wildlife conservation plan was submitted to the Principal Chief Conservator of Forest (PCCF) and Chief Wildlife Warden

	the approved Site- Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (incase of the presence of schedule-I species in the study area).	(CWLW), Tamil Nadu. The PCCF and CWLW reviewed the Report and recommended the plan without any other additional conditions. Recommendation letter of PCCF and CWLW dated: 21.09.2024 is attached as Annexure-14 .
2.	The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.	Condition complied. There is no ground water drawl for the project. Water Supply letter from CMWSSB is enclosed as Annexure - 2 .
3.	All excavation related dewatering shall be as duly authorized by the CGWA. A NOC from the CGWA shall be obtained for all dewatering and ground water abstraction.	No ground water abstraction is proposed for the project. Water Supply Letter from CMWSSB is enclosed as Annexure - 2 .
4.	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	Condition Noted.
5.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Coast Guard, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.	Condition will be Complied. Individual industries will be mandated to obtain all necessary statutory clearances and approvals.
II. Air quality monitoring and preservation:		
1.	The project proponent shall install system to carryout Ambient Air Quality monitoring for common / criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the project area at least at four locations, covering	Condition is being Complied. Presently there is no construction at site. However, Ambient Air Quality monitoring has been done in five locations within and outside the project area covering upwind and downwind directions and its monitoring report is enclosed as Annexure – 4 .

	upwind and downwind directions.	
2.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed emission standards.	Condition is being Complied. Presently there is no construction at site. Ambient Air Quality monitoring has been done and its monitoring report is enclosed as Annexure – 4.
3.	Shrouding shall be carried out in the work site enclosing the dock/proposed facility area. This will act as dust curtain as well achieving zero dust discharge from the site. These curtain or shroud will be immensely effective in restricting disturbance from wind in affecting the dry dock operations, preventing waste dispersion, improving working conditions through provision of shade for the workers	Condition will be Complied.
4.	Dust collectors shall be deployed in all areas where blasting (surface cleaning) and painting operations are to be carried out, supplemented by stacks for effective dispersion.	Not applicable. This is a Greenfield project limited to infrastructure development activities such as roads, drains, street lighting, and greenbelt development. No blasting (surface cleaning) or painting operations are involved.
5.	Diesel power generating sets proposed as source of backup power 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. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	Not applicable. SIPCOT has not proposed the installation of any diesel generator (DG) sets as part of the infrastructure development for the industrial park. Individual industries requiring backup power will install DG sets within their premises, as per the norms.
6.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 0.5 km radius of the project is	Condition noted.

	maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	
III. Water quality monitoring and preservation		
1.	Total water shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.	Condition complied. Water Supply letter from CMWSSB is enclosed as Annexure - 2.
2.	Sewage Treatment Plant shall be provided to treat the wastewater generated from the Project. Treated water shall be reused for horticulture, flushing, backwash, HVAC purposes and dust suppression.	SIPCOT has not proposed any common STP for this project. Individual industries within the industrial park will adopt ZLD system and install their own STPs to treat the wastewater generated within their premises. The treated water will be reused for their utilities in compliance with the norms prescribed by the CPCB / TNPCB.
3.	A certificate from the competent authority for discharging treated effluent/ untreated Effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.	SIPCOT will mandate all individual industries within the industrial park to adopt Zero Liquid Discharge (ZLD) systems. Accordingly, there will be no discharge of treated or untreated effluent into any public sewer or drainage system. The treated water will be reused within the respective industrial units for their process and utility requirements, in compliance with TNPCB regulations.

4	No diversion of the natural course of the river shall be made without prior permission from the Ministry of Water resources.	Not applicable. There is no notified water body present in the site.
IV. Noise monitoring and prevention:		
1	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report	Condition is being complied. Ambient Noise level survey has been carried as per the prescribed guidelines and the report is submitted to RO of the ministry along with six monthly compliance report and the same is enclosed as Annexure - 4. Proof of submission of Half yearly compliance report to competent authorities is provided in Annexure -8.
2	Noise from vehicles, power machinery and equipment on-site should not exceed the Prescribed limit. Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipments.	Condition Noted. Noise generation in the site will be maintained within prescribed limit. Noise quality monitoring report is enclosed as Annexure – 4.
3	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	Condition Noted. Noise quality monitoring report is enclosed as Annexure – 4.
4	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB (A) during day time and 70 dB (A) during night time.	Condition is being Complied. Individual member units will be instructed to follow all applicable rules and guidelines. Ambient Noise level survey is being carried out and the report is attached as Annexure-4.
V. Energy Conservation measures:		
1	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;	Condition Noted.

2	Provide LED lights in their offices and residential areas.	Condition Noted. LED lights will be provided in SIPCOT office and street lights.
VI. Waste management:		
1	Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986.	Condition Noted. Individual industries within the industrial park are responsible for making necessary arrangements for the treatment of effluents and solid wastes.
2	The solid wastes shall be managed and disposed as per the norms of the Solid Waste Management Rules, 2016.	Condition Noted. Individual member units will be instructed to follow all applicable rules and guidelines.
3	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016	Condition noted. Individual member units will be instructed to follow applicable rules and guidelines.
4	A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.	Condition Noted.
5	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.	Condition will be complied. Individual member units will be instructed to follow all applicable rules and guidelines.
VII. Green Belt:		
1	An overall green area of at-least 33% of the Industrial Area should be developed with native species. The project proponent of the Industrial Area shall comply with the additional commitment made by them in the EIA report regarding the development of green belt.	Condition will be Complied. Minimum 33% of Greenbelt will be developed as greenbelt in industrial area with native and indigenous species.

2	The Industrial Areas are directed to accordingly allocate the area to be developed as green cover to respective individual industrial units so as to achieve the above-mentioned condition.	Condition noted and will be Complied. Industrial units will develop green belt as per their approvals and guidelines.
3	The individual industrial unit, at the time of obtaining EC, shall bring a letter from the Industrial Area for the area allocated to them to be developed as green cover as a part of obligation from the Industrial Area.	Condition noted.
4	Wherever possible, plantations around the periphery of the Industrial Area, in the downwind direction and along the road sides shall be provided for containment of pollution and for formation of a screen between the industrial area and the outer civil area. The choice of plants should include shrubs of height 1 to 1.5 m and tree of 3 to 5 m height. The intermixing of trees and shrubs should be such that the foliage area density in vertical is almost uniform.	Condition noted.
5	The parameters like selection of plant species, procedure for plantation, density of tree plantation etc shall be as per the CPCB guidelines.	Condition noted. Individual member units will be instructed to follow applicable rules and guidelines.
VIII. Public hearing and human health issues:		
1	Workers shall be strictly enforced to wear personal protective equipments like dust mask, Ear muffs or ear plugs, whenever and wherever necessary/ required. Special viscous-elastic gloves will be used by labour exposed to hazards from vibration.	Condition will be complied. Individual member units will be instructed to comply with.
2	Safety training shall be given to all workers specific to their work area and every worker and employee will be engaged in fire hazard awareness training and mock drills which will be conducted regularly. All standard	Condition will be complied. Individual member units will be instructed to comply with.

	safety and occupational hazard measures shall be implemented and monitored by the concerned officials to prevent the occurrence of untoward incidents/ accidents.	
3	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Condition Noted.
4	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure 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 Noted.
5	Occupational health surveillance of the workers shall be done on a regular basis.	Condition Noted. All the member units will comply with.

IX. Corporate Environment Responsibility:

1.	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.	Condition complied. SIPCOT have a well laid environmental policy duly approved by the Board of Directors of SIPCOT. The copy of the Board Resolution is enclosed as Annexure-13 .
2	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under	Condition complied. A separate Environmental Cell with qualified personnel has been set up and it is attached as

	the control of senior Executive, who will directly report to the head of the organization.	an Annexure – 12.
3	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	Condition will be complied.
4	Self-environmental audit shall be conducted annually. Every three years third party Environmental audit shall be carried out.	Condition Noted.
Miscellaneous:		
1	The project proponent shall make public the environmental clearance granted for their Project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Condition complied. SIPCOT have advertised in two local newspapers in Tamil and English that we have obtained Environmental clearance from SEIAA /TN along with the details of SEIAA website where it is displayed. Newspaper advertisement copy is enclosed as Annexure- 10. The screenshot of EC & EC Amendment copy uploaded in SIPCOT website is enclosed as Annexure- 6.
2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayat and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt	Condition Complied. The copies of the environmental clearance are submitted to the Heads of local bodies, Panchayat and Municipal Bodies in addition to the relevant offices of the Government. Acknowledgement copies are enclosed as Annexure- 11.
3	The project proponent shall upload the	Condition is being complied.

	status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	SIPCOT uploaded the status of compliance of the stipulated environment clearance conditions along with monitoring data in our website. Screenshot of Six- monthly compliance uploaded in SIPCOT Website is enclosed as Annexure- 7.
4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Condition is being complied. Screenshot of compliance statement uploaded in PARIVESH website is enclosed as Annexure -7a.
5	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Condition is being complied. SIPCOT submitted the environmental statement for each financial year in form V to the SPCB. Acknowledgement from TNPCB on submission of Form V is enclosed as Annexure- 9. Screenshot of Environmental statement is enclosed as Annexure-9a.
6	The criteria pollutant levels namely; PM2.5, PM10, SO2, NOx (ambient levels) or critical Sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Condition is being complied. Air quality monitoring report enclosed as Annexure 4.
7	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Condition Noted.
8	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Condition Noted. CTE copy is enclosed as Annexure -3
9	The project proponent shall abide by all the	Condition Noted.

	commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	
10	No further expansion or modifications in the Industrial Area shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MOEF&CC).	Condition Noted.
11	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986	Condition Noted.
12	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Condition Noted.
13	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Condition Noted.
14	The Regional Office of this Ministry 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
15	The above conditions shall 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, Hazardous and Other Wastes Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their	Condition Noted. CTE copy is enclosed as Annexure – 3.

	amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	
16	Any appeal against this EC shall lie with the 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.

The Ministry of Environment, Forest and Climate Change has granted Amendment in Environmental Clearance dated 17.03.2025 for the proposed 'Development of Industrial Park over an area of 279.995 Ha (691.587 Acres) at Manallur and Soorapoondi villages, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu by M/s State Industries Promotion Corporation of Tamilnadu Limited (SIPCOT)' under the EIA Notification, 2006 as amended, subject to the following specific conditions mentioned below:

Specific Conditions:

S.NO	CONDITION	STATUS OF COMPLIANCE
i.	The PP to prepare and implement a Conservation Plan/Species Habitat Restoration Plan for the 39 Schedule-I species in consultation with State Forest Department and the same shall be submitted to the concerned IRO of MoEFCC for monitoring of implementation in along with first 6 monthly compliance report.	Condition noted and will be complied. Currently construction activities have not yet commenced, the condition will be complied during the start of construction activities and will be reported in the subsequent six-monthly compliance report.
ii.	The PP shall maintain a minimum 50 mtrs wide green belt along the boundary inside the industrial estate towards habitations.	Condition noted and will be complied.
iii.	The red category industries proposed in the Industrial Park layout has to be relocated 500 mtrs from the habitation area located nearby the industrial estate so that the habitations at all sides shall be at a minimum of 500 m away from the proposed red category industries.	Condition noted and will be complied.
iv.	The proponent has to comply with the Ministry's OM no. J-11011/321/2016-	Condition noted and will be complied.

	IA.II(I), dated 27.04.2018 which made it mandatory for certain type of industries to conduct public hearing irrespective of their location within Industrial Area or outside the industrial area.	
v.	The proposed individual units need to take Environmental Clearance separately as per the applicability of the schedule of EIA Notification, 2006.	Condition noted and will be complied.
vi.	Conservation and mitigation action plan prepared by M/s Salim Ali Centre for Ornithology and Natural History (SACON) for all schedule-I species and other wildlife species shall be implemented in consultation with the State Forest Department; the status of the implementation shall be submitted to the IRO, MoEF&CC along with the 6 monthly EC Compliance report.	Condition noted and will be complied.
vii.	The recommendations of the PCCF and CWLW vide letter no.WL5/HOTNFD/305/2024 dated 21.09.2024 shall be implemented and the status of the implementation shall be submitted to the IRO, MoEF&CC along with the 6 monthly EC Compliance report.	Condition noted and will be complied. Site specific wildlife conservation plan was submitted to the Principal Chief Conservator of Forest (PCCF) and Chief Wildlife Warden (CWLW), Tamil Nadu. The PCCF and CWLW reviewed the Report and recommended the plan without any other additional conditions. Recommendation letter of PCCF and CWLW dated: 21.09.2024 is attached as Annexure-14.
viii.	Pulicat Bird Sanctuary is located at a distance of ~5.77km in the direction of NE direction from the proposed project site. Standing Committee of National Board for WILD life has recommended the proposal vide letter no.WL-6/16/2024-WL dated 7th February, 2021. Based on the recommendation of the NBWL office of the Principal Chief Conservator Forests (HoFF),	Condition noted and will be complied. Recommendation of Standing Committee of NBWL is enclosed as Annexure - 15.

	Chennai granted the No objection certificate vide letter Ref No.WL5/24360/2023 dated 12.02.2024. All the recommendation made in the Standing Committee of National Board for Wild life shall be submitted to the IRO, MoEF&CC along with the 6 monthly EC Compliance report.	
ix.	PP to prepare and implement a Conservation Plan/Species Habitat Restoration Plan for the 39 Schedule-I species in consultation with State Forest Department and the same shall be submitted to the concerned IRO of MoEF&CC for monitoring of implementation in along with first 6 monthly compliance report.	Condition noted and will be complied. Currently construction activities have not yet commenced, the condition will be complied during the start of construction activities and reported in the subsequent six-monthly compliance report.
x.	Enhancement of the Environmental Management Plan budget i.e., revision in the amount for activities like desilting of the lakes, creation of mounds within lake; within the Industrial Area, peripheral multi-layered greenbelt of 15m with some herbs and shrubs (considering the nearby flora and fauna) to be provided along the project boundary with atleast 50 mtr wide green belt around the water bodies and lake boundaries and human settlements nearby the project boundary. Revision of activities budget shall be done in consultation with SFD and same shall be communicated to IRO of the Ministry.	Condition noted and will be complied.
xi.	Project Proponent shall strive to enhance the Green Belt beyond 33% and that the trees planted in this regard would be planted under the campaign " एक_पेड़_माँ के_नाम " and the details of the trees planted would be uploaded on the portal https://merilife.nic.in .	Condition noted and will be complied.
xii.	As proposed, the overall area of 106.575 Ha(38.07% of the developable area) shall be	Condition noted and will be complied. All the member units shall comply with.

	maintained as a green belt/green area, in which 65.572 ha (23.42%) will develop individual industrial plot area (33% by industries), and an area of 41.003ha (14.65%) will be developed by the SIPCOT. The Green belt and green space shall be maintained with a thick plantation.	
xiii.	Water demand during development/ construction should be reduced by use of premixed concrete, curing agents and other best practices referred.	Condition noted and will be complied during construction phase.
xiv.	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.	Condition noted and will be complied. All the member units shall comply with.
xv.	Vehicles hired for bringing construction material to the site should be, in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during nonpeak hours.	Condition noted and will be complied. All the member units shall comply with.
xvi.	Any hazardous waste generated during development/ construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.	Condition noted and will be complied. All the member units will be instructed to comply with all applicable rules and guidelines of Tamil Nadu State Pollution Control Board.
xvii.	The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted along with the six-monthly EC compliance report to the concern IRO of the Ministry before the project is commissioned for operation. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to	SIPCOT has not proposed any Sewage Treatment Plant (STP) for the project. Individual industries will install their own STPs to treat the sewage generated within their premises. The treated sewage will be reused for flushing and greenbelt development, in accordance with applicable norms and regulatory requirements.

	mitigate the odour problems from STP.	
xviii.	Sewage shall be treated in the STP with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing and landscaping.	SIPCOT has not proposed any Sewage Treatment Plant (STP) for the project. Individual industries will install their own STPs to treat the sewage generated within their premises. The treated sewage will be reused for flushing and greenbelt development, in accordance with applicable norms and regulatory requirements.
xix.	As proposed the industrial estate shall ensure the individual industries will have their own Effluent Treatment Plants and will be mandated to ensure Zero Liquid Discharge concept as per CPCB/TNPCB guidelines.	Condition will be complied. No wastewater will be discharged to any water bodies. Individual industries will be mandated to install ZLD system and to install STP / ETP as applicable & treat the sewage / effluent. Treated sewage will be reused for greenbelt development and effluent will be used for their process or utilities.
xx.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	SIPCOT has not proposed any Sewage Treatment Plant (STP) for the project. Individual industries will be mandated to adopt Zero Liquid Discharge (ZLD) systems and install their own STPs to treat the sewage generated within their premises. The treated sewage will be reused for flushing and greenbelt development, in accordance with applicable norms and regulatory requirements.
xxi.	No sewage or untreated effluent water would be discharged through storm water drains.	Condition will be complied. No wastewater will be discharged to any water bodies. Individual industries will be mandated to install ZLD system and to install STP / ETP as applicable & treat the sewage / effluent. Treated sewage will be reused for greenbelt development and effluent will be used for their process or utilities.
xxii.	Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals	Condition is being Complied. Presently there is no construction at site. Soil and ground water Quality monitoring has

	and other toxic contaminants. Frequent monitoring of groundwater and surface water will be done to ensure that the quality of water is being maintained within the norms the report of the same shall be submitted to the concern IRO, MoEF&CC along with the six monthly EC&CRZ compliance road.	been done and its monitoring report is enclosed as Annexure – 4 . Proof of Submission of Half Yearly Compliance to Competent Authority is enclosed as Annexure -8 .
xxiii.	The PP shall construct a garland drain, with catch pits of appropriate capacity at appropriate distance, all around the industrial estate and also around the water bodies falling within project boundary to prevent runoff of any contaminants/ waste into the nearby water bodies. The garland drains shall be designed such that the runoff within the boundary of the industrial area is collected in the garland drains, which shall be treated appropriately, conform to CPCB standards.	Condition noted and will be complied. All the member units shall comply with.
xxiv.	Rain water harvesting for roof run-off and surface run- off, as plan submitted shall be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 4 m above the highest ground water table.	Condition noted and will be complied. All the member units shall comply with.
xxv.	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six-Monthly Monitoring reports.	Condition noted and will be complied. Presently there is no construction at site.
xxvi.	Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the ground water quality in	Condition noted and will be complied Ground water quality monitoring has been done and its monitoring report is enclosed as

	consultation with the State Pollution Control Board/CPCB. Trend analysis of ground water quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF&CC.	Annexure – 4. Proof of Submission of Half Yearly Compliance to Competent Authority is enclosed as Annexure -8.
xxvii.	Ambient air quality monitoring stations should be established in the downward directions as well as where maximum ground level concentration of PM10, PM2.5, SO2 and NOx are anticipated in consultation with SPCB within and outside the industrial estate area at least at four locations (one within and three outside the port area at an angle of 120° each), covering upwind and downwind directions. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed fugitive emission standards. Data on ambient air quality and emission shall be regularly submitted to the IRO, MoEF&CC along with the six monthly EC&CRZ compliance road.	Condition is being Complied. Presently there is no construction at site. Ambient Air Quality monitoring has been done and its monitoring report is enclosed as Annexure – 4 . Proof of Submission of Half Yearly Compliance to Competent Authority is enclosed as Annexure -8.
xxviii.	Installation of Ambient Air Quality data shall display unit for public display.	Condition is being Complied. Presently there is no construction at site. Ambient Air Quality monitoring has been monitored and its monitoring report is enclosed as Annexure – 4.
xxix.	The total renewable energy capacity will be up to solar power shall be explored and accordingly plan shall be submitted to IRO of the Ministry in its first six monthly compliance report. And, progress of implementation of this plan be submitted in subsequent 6 monthly compliance reports. Apart from this SIPCOT shall ensure that	Condition Noted.

	individual industries utilize at least 10% of their total power requirement through renewable energy like solar etc.	
xxx.	Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.	Condition Noted.
xxxi.	The project should not amend or alter the pathways of the natural streams or creeks/nallah flowing.	Condition noted and will be complied.
xxxi.	Red category industrial units to be avoided near residential areas and habitations and water bodies. A distance of approximately 500 meters shall be maintained for the establishment of red category industry from the residential area.	Condition noted and will be complied.
xxiii.	Compliance of the directions of Hon'ble NGT in the matter of D. Ranjith Kumar Versus Union of India with G. Praveena Versus Union of India. Appeal No. 32 of 2020 (SZ) With Appeal No. 34 of 2020 (SZ) Judgement dated 30th September 2022 to be ensured.	Condition noted and will be complied.
xxiv.	Based on the Socio, Economic and Demography study prepare Environment Management Plan to improve the life of the Communities around the Project with measurable indicators.	Condition noted and will be complied.
xxv.	The land related issues and any compensation, R&R issues have to be resolved. Further, justification required from the PP regarding the rectification of the project or resolution of the public opinions if any and written clarification from the gram sabha to be submitted by the PP to avoid any complications in the future.	Condition noted and will be complied.
xxvi.	All the recommendation of the EMP shall be complied with in letter and spirit. All the	Condition noted and will be complied

	mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to IRO, MoEF&CC along with half yearly compliance report.	
xxvii.	As per the Ministry's Office Memorandum F.No.22-65/2017-IA.III dated 30th September, 2020, the project proponent shall abide by all the commitments made by them to address the concerns raised during the public consultation. The project proponent shall initiate the activities proposed by them, based on the commitment made in the public hearing, and incorporate in the Environmental Management Plan and submit to the Ministry along with 6 monthly compliance report.	Condition noted and will be complied
xxviii.	All other activities including pollution control, environmental protection and conservation, R&R, wildlife and forest conservation/protection measures including the NPV, Compensatory Afforestation etc., either proposed by the project proponent based on the social impact assessment and R&R action plan carried out during the preparation of EIA report or prescribed by EAC, shall also be implemented and become part of EMP.	Condition noted and will be complied.

5. ENVIRONMENTAL CLEARANCE SIX MONTHLY REPORTS

It is mandatory to submit six-month compliance report to MoEF&CC Regional Office by the proponent for the purpose of obtaining six-month compliance certificate 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 matter (PM_{2.5}), Sulphur dioxide, Oxides of Nitrogen (NO_x) and Carbon monoxide were monitored. The test report of ambient air quality recorded during the month of October 2025 to March 2026 and it is attached as **Annexure-4**.

5.2 Ambient Noise Level Monitoring

Ambient Noise level was Monitored and the test report of ambient noise recorded during the month of October 2025 to March 2026 and it is attached as **Annexure-4**.

5.3 Soil Quality Monitoring

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

5.4 Ground Water Quality Monitoring

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

5.5 Surface Water Quality Monitoring

The surface water samples were collected and analyzed during the period of October 2025 to March 2026. The test report of surface water collected and analyzed is enclosed as **Annexure-4**.

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

6. CONCLUSION

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

File No.: 21-59/2015-IA.III
 Government of India
 Ministry of Environment, Forest and Climate Change
 (Impact Assessment Division)

Indira Paryavaran Bhawan,
 Jor Bagh Road, Ali Ganj
 New Delhi - 110 003

Dated: 10th November, 2020

To

The Managing Director,
 State Industries Promotion Corp. of Tamil Nadu Ltd. (SIPCOT),
 19/A, Rukmani Lakshmipathy Road, Egmore,
 Chennai - 8

Subject: Development of Manallur Industrial Park in Gummidipoondi Taluk of District Thiruvallur, Tamil Nadu by M/s State Industries Promotion Corporation of Tamil Nadu (SIPCOT) Limited – Environmental Clearance

Sir,

This has reference to your online proposal to this Ministry on 24th December, 2019 regarding Environmental Clearance for Development of "Industrial Park at Manallur and Soorapoondi villages of Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu State" over an extent of 279.99.5 Ha (691.587 Acres) area at Manallur and Soorapoondi villages, Gummidipoondi Taluk, Thiruvallur District.

2. The above mentioned proposal was considered by the Expert Appraisal Committee (EAC) for Infrastructure, CRZ and other Miscellaneous projects in its 241st meeting on 25-26th August, 2020.

3. The project proponent along with the EIA consultant M/S Hubert Enviro Care Systems (P) Ltd., Chennai, made a presentation through Video Conferencing and provided the following information:

- (i) **Brief description of the Proposal:** M/s State Industries Promotion Corporation of Tamil Nadu (SIPCOT) Limited had proposed the development of a Industrial Park at Manallur and Soorapoondi villages of Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu State" over an extent of 279.99.5 Ha (691.587 Acres) at Manallur and Soorapoondi villages, Gummidipoondi Taluk, Thiruvallur District. The ToR for the proposal was issued on 22nd July 2015, and its extension issued on 13th November, 2018. The required EIA studies were undertaken including conduct of Public Hearing on 03/07/ 2019. The project was earlier taken in 230th EAC meeting on 28 - 29 January, 2020. The EAC had raised queries and based on the queries, the EAC suggested for submission of revised EIA report. The extant proposal falls under Schedule 7 (c), Category A under EIA Notification, 2006.
- (ii) **Nature of project (New/Expansion/Amendment/Extension etc.):** New Project.
- (iii) **Whether the proposal was considered in earlier meetings of EAC: If yes, provide date of EAC meeting and reasons for deferment, if any:** The project was taken in 230th EAC meeting for Projects related to Infrastructure Development, Industrial estate/parks/complexes/areas, Export Processing Zones, Special Economic Zones, Biotech

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Parks, Leather Complexes and National Highways projects held on 28 - 29 January, 2020. The EAC has raised queries and based on the queries, the EAC suggested revising the EIA report and submitting.

- (iv) **Whether proposal is part of interlinked project: If yes, provide details in brief:** No.
- (v) **Address of project site (Plot No./Village/ Tehsil/ District/State):** Plot No: Manallur village Survey No. - 203/1, 204/2, 207/2, 208, 209/1, 209/3, 210/1, 210/3, 211, 212/1, 212/3, 213, 214, 215, 216/1, 216/3, 217/1, 217/3, 218/1, 218/3, 219/1, 220/1, 223/4, 224, 225/1, 226/1, 227/1, 227/3, 228, 229, 230, 231, 232, 233/1, 234/1, 234/3, 235/3, 236, 237/1, 237/3, 238, 239, 240, 241, 242, 243, 244, 245, 248, 249, 250, 252, 253, 270/1, 270/8, 274/1, 274/29; Soorapoondi Village Survey No. 1, 2, 3, 4, 5, 6/2, 9/1, 9/3, 9/5, 9/6, 9/11, 10/4, 10/9, 12/2, 12/3, 12/4, 12/5, 12/6, 12/7, 12/8, 12/9, 12/10, 12/11, 12/12, 12/13, 12/14, 12/15, 12/16, 12/17, 13/1, 13/2, 13/3, 13/4, 13/5, 13/6, 13/7, 13/8, 13/9, 15, 16/1, 37/1, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49; **Taluk:** Gummidipoondi, **District:** Thiruvallur, **State:** Tamil Nadu.
- (vi) **Geo-coordinates of project site:** Latitude: 13°26'54.55"N (From 13.44295446 to 13.44596133); Longitude: 80°01'34.32"E (From 80.03484487 to 80.01417061)
- (vii) **Area (ha)/Length (km) of the proposed project:** 279.99.5 Ha (691.587 Acres)
- (viii) **Connectivity to the site:** Madharappakkam- Gummidipoondi Road is adjacent to site Chennai -Kolkata Highway (NH-5) at a distance of ~8.04 km towards E.
- (ix) **Investment/Cost of the project:** The total cost of the project is ₹250 Crores.
- (x) **Item of Schedule to the EIA Notification, 2006:** The proposed project is categorized under Schedule 7 (c), Category A of EIA Notification, 2006.
- (xi) **Applicability of General/Specific Conditions as per EIA Notification, 2006:** Interstate Boundary TN - AP is situated at ~3.13 Km (towards NNW) from the project boundary and Pulicat lake bird Sanctuary ~5.77 Km (towards NE).
- (xii) **Whether project involves any violation under notification S.O 804(E) dated 14.03.2017:** Not applicable.
- (xiii) **Landuse/Landcover of project site in tabular form:**

S. No	Land use/Land cover	Area (Ha)	Area (%)	Remarks
01.	Plotted area (including 25% green belt in plotted area)	193.01	68.93	19.41 Ha (47.95 Acres) for 5 (f) - Non pharma - Synthetic acrylic polymers and resins, water proofing compounds and synthetic adhesives etc. 92.11 Ha (227.51 Acres) for Non EC Category-E vehicle and its components manufacturing. 81.49 Ha (201.27 Acres) for Non EC category - Automobiles and accessories industries, Engineering and fabrication, Plastics industries etc.
02.	Common amenities	5.603	2.0	
03.	Commercial activities	5.603	2.0	
04.	Solid Waste Management	9.741	3.48	
05.	Roads, Storm water drain	15.733	5.63	

06.	OSR (To be developed as green belt)	28.00	10	
07.	Green belt area (road side, periphery)	22.305	7.96	
	Total plot area	279.995	100	

(xiv) Landuse/Landcover around 10 km radius of project site (1 km in case of Highway projects):

S. No	Land use/Land cover	Area (Ha)	Area (%)
1.	Cropland	22444	54.42
2.	Plantation	3445	8.35
3.	Fallow land	3104	7.53
4.	Forest Plantation	2348	5.69
5.	Scrub land	2063	5.00
6.	Forest, Deciduous	1811	4.39
7.	Rural	1718	4.17
8.	Reservoirs/ Lakes/ Ponds	1654	4.01
9.	Urban	1429	3.47
10.	Coastal Wetland	910	2.21
11.	Scrub Forest	226	0.55
12.	River/ Stream/ Canals	46	0.11
13.	Sandy area	42	0.10
	Total	41240	100

(xv) List to industries to be housed with the proposed project site, only for projects covered under 7(c) category of EIA Notification, 2006:

S. No.	Industry sector	Type of Industry	As per EIA notification 2006 and its amendments		Area details
			Schedule	Category	
1.	EC Category – Chemical: Non Pharma	Synthetic acrylic polymers and resins	5(f)	A	10 % of plotted area – 47.95 Acres (19.41 Ha)
2.		Synthetic resins and water proofing compounds	5(f)	A	
3.	Non EC category- E Vehicle and its components manufacturing industries	Electronic and electrical parts manufacturing industries	Nil	Nil	47.72% of plotted area - 227.51 Acres (92.11 Ha)
4.		Electronic and electrical parts assembling industries	Nil	Nil	
5.		Tyre, tube and rubber Components	Nil	Nil	42.28 % of plotted area -

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6.	Non category-Chemical	EC	Synthetic detergents and soaps (excluding formulation) having waste water generation < 100KLD	Nil	Nil	201.27 Acres (81.49 Ha)
7.			Paints and varnishes (mixing & blending)	Nil	Nil	
8.			Printing ink manufacturing	Nil	Nil	
9.			Spray painting, paint baking, paint shipping	Nil	Nil	
10.	Non category-Automobile & accessories Manufacturing	EC	Automobile manufacturing	Nil	Nil	
11.			Automobile parts manufacturing	Nil	Nil	
12.	Non category-Engineering & Fabrication	EC	Foundry units <5 MT/Hr	Nil	Nil	
13.			Steel and steel products using furnaces	Nil	Nil	
14.			Fabrication Industries – dry process	Nil	Nil	
15.	Non category-Glass and Ceramics	EC	Fibre glass production and processing	Nil	Nil	
16.			Manufacturing of glass (except Lead glass)	Nil	Nil	
17.			Glass ceramics, earthen potter and tile manufacturing	Nil	Nil	
18.	Non category-Plastics Manufacturing	EC	Reprocessing of waste plastics	Nil	Nil	
19.			Polythene and plastic processed products manufacturing (virgin products)	Nil	Nil	

- (xvi) **Terrain and topographical features:** The site is a plain terrain. Elevation of site is 28 m AMSL. The site is mostly barren land with some trees. There are no water bodies within the site.
- (xvii) **Details of water bodies, impact on drainage, if any:** There are no water bodies within the site. But there are two water bodies adjacent to the site. One towards the south and other on the East. There will not be any impact on the nearby water bodies or the drainage. Storm water drains will be provided along the road and rainwater harvesting pits are proposed for the project.
- (xviii) **Water requirements, sources (during construction and operation phases) and NOC:**
Construction phase: Water requirement is estimated to be 63 KLD. Source will be private tankers. **Operation phase:** Total water requirement – 8627 KLD, Fresh water – 900 KLD

(CMWSSB), TTRO water- 4339 KLD, (CMWSSB) Recycled water – 3388 KLD, Source: Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB).

- (xix) **Groundwater extraction/usage and NOC/Clearance from CGWA/State Ground Water Department:** Not applicable. Water requirement will be met from CMWSSB and recycling of treated wastewater.
- (xx) **ToR details:** File No.: 21-59/2015-IA.III, Proposal No.: **IA/TN/NCP/27117/2015**, Date of ToR Application Submission: 13 Mar 2015, Date of EAC Meeting (Infra-1): 147th EAC meeting held on 23rd - 24th April, 2015, Date of ToR Issue: 22nd July, 2015.
- (xxi) **Public Hearing Details and Summary of issues raised and response/commitments by Proponent:** The public hearing was conducted on 03/07/2019 at K.V.C. Mahal, Sathyavedu Road, Madharapakkam, Gummidipoondi Taluk, Thiruvallur District under the supervision of District Collector. The Project was appraised in 230th EAC meeting on 28-29th January, 2020. Following are the Summary of issues raised and response/commitments given by the Proponent:

S. No	Category of issues raised	Response / Commitment by proponent	Remarks if any
1	Employment opportunity	Skill development centre will be established for providing training related to E-Vehicle/ auto components repairing, etc to local people at cost of Rs.25 lakhs	SIPCOT will earmark ₹3.75 crores for undertaking the following CER Activities in Manallur, Soorapoondi, Ramachandrapuram, Madharapakkam, Sathyavedu, Irukulam villages: • Construction of toilets • Providing water supply and sewerage system • Conducting Health camps • Desilting of two nearby lakes • PC with a printer and scanner to the Government schools. • Drinking water dispensers for the Government schools. • Class room furniture for the Government schools. • Sports equipments for the Government schools. • Solar lighting facilities for the Government schools. • Providing Medical equipments for primary health centre.
2	Proposed development will lead to Health issues in nearby areas	Health camps will be conducted once in six months by SIPCOT at Manallur and Soorapoondi villages to ensure the health condition of local people. The cost for the same will be around Rs.15 Lakhs.	
3	Adequate toilet facilities are not available	10 no. of common toilets will be constructed. 5 Nos at Manallur Village and 5 Nos at Soorapoondi village. Total cost incurred towards construction, operation and maintenance of 10 common toilets will be Rs. 25 Lakhs.	
4	Water availability is a problem in the areas	75 KLD of water will be provided for Manallur villages by SIPCOT along with 75 KLD water storage tank also Sewerage system will be provided. Cost towards the same will be around Rs.50 Lakhs	
5	Desilting has not been done in two	Desilting will be undertaken in the nearby 2 lakes. The Cost for same will be around Rs.15 lakhs	

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	lakes near project site		• Providing trolleys to Local Panchayat for transport of Municipal Solid Waste • Solid Waste Disposal Bins • Construction of Rainwater Harvesting Pits • Avenue Plantation • Solar lighting facilities • Scientific Support/Awareness to farmers • Skill development for youth
6	No approach to burial ground	As per the Thiruvallur Collector Letter dated 10.06.2019, the burial ground is excluded from the proposed Industrial Park area and SIPCOT will provide and maintain access road for the burial ground	

(xxii) **Whether the project involves diversion of forest land and status of the forest clearance:**
Not applicable.

(xxiii) **Whether the project is located within 10 km of Protected Areas (PA) including National Parks, Sanctuaries and Tiger Reserves etc.:** Pulicat Bird Sanctuary is located 5.77 km (NE) from the project site. No Objection Certificate (NOC) from National Board for Wildlife (NBWL) has been applied.

(xxiv) **Whether the project is located within the Eco-Sensitive Zone (ESZ) or Eco-Sensitive Area (ESA) notified by the MoEF&CC:** The project site is not located within any Eco-Sensitive Zone or Eco-Sensitive Area notified by MoEF&CC.

(xxv) **Waste Management:** M/s State Industries Promotion Corporation of Tamil Nadu (SIPCOT) Limited will handles and disposes various waste generated in the following ways:

- **Sewage generation-** 210 KLD. – Individual industries will be mandated to provide STP for recycling of treated sewage for green belt development
- **Effluent generation** -3472 KLD – Individual industries will be mandated to provide ETP to achieve Zero Liquid Discharge concept. Treated effluent will be recycled by industries for process and utilities. The rejects from RO will be treated by individual industries in ATFD and salt will be disposed as hazardous waste. ATFD condensate will be recycled for utilities/ process.

Following are the Municipal Solid Waste Generation and Management plan:

S. No.	Waste type	Construction phase (kg/day)	Operation phase (kg/day)	Management measure (for operational phase)
1	Organic waste	13.5	1350	MSW in Industrial Plots: SIPCOT will mandate all the industries to manage the Municipal Solid generated by them within their premises as per norms. Municipal Solid wastes will be segregated by individual industries
2	Inorganic waste	9	900	

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				as organic and inorganic wastes. Organic wastes will be composted by individual industries in Organic Waste Converter or Bio methanation plant and used for green belt development. Inorganic wastes will be sold to TNPCB authorized recyclers by the industries. MSW in area apart from Industrial Plots: SIPCOT has earmarked 24.060 Acres of land for establishment of Solid Waste Management facility Organic wastes will be composted by vermi composting and compost will be used as manure for green belt development. Inorganic waste will be sold to TNPCB authorized recyclers
3	Total	22.5	2250	
Norms: waste generation @0.45 Kg/capita/day. Population for construction phase – 50 nos. operation phase – 5000 nos. As a provision to have in house and independent Solid Waste Management facility 24.060 Acres (3.48% of Industrial Park area) has been earmarked for Solid Waste Management Facility. In future, based on need, SIPCOT will float tender and provide land to private players for the establishment of Municipal Solid Waste Management facility on BOOT basis. Hazardous waste generation and Management: Individual industries, will have their own storage area for storing Hazardous waste, within their premises and the hazardous wastes will be sent to TNWML for recycling /disposal as per the Hazardous and other Wastes (Management and transboundary movement) amended rules 2016.				

- (xxvi) **CETP/STP details:** Not applicable. Individual industries will be mandated to provide ETP/STP. Treated sewage will be recycled for green belt development and flushing by individual industries.
- (xxvii) **Details of tree cutting and Green belt development:** The trees available at site are Mango, Coconut, Guava, Sappota, Eucalyptus, amla, Neem, Cashew, Banyan, Papaya, Palm, Teak and Naga. The trees along the periphery of the site and in OSR area will be preserved as such. If not possible the trees will be uprooted and planted along the green belt area allotted at site. In case of necessity to cut the trees by individual industries in their plots, the industry will plant additional 3 trees for cutting one tree as compensation in their greenbelt area. Greenbelt area is 243.437 Acres (35.20% of total area of Industrial Park).

Following are the proposed Green belt area breakup within the Industrial Park:

S. No.	Green belt details	Area (Acres)
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1	OSR area	69.160
2	25% Green belt along the plotted area	119.18
3	3 m green belt along the road side	15.94
4	Green belt along the periphery of the site	39.157
Total greenbelt area		243.437

- (xxviii) **Energy conservation measures with estimated saving:** Solar lighting is proposed for 70% of lighting along the roads. The estimated solar power generation would be around 40KW. Apart from this, individual industries will be insisted to provide roof top solar panels to reduce power consumption.
- (xxix) **Parking requirement with provision made:** 100 Sq.m areas will be allotted for parking in the common amenities. Upon establishment of the Industrial Park, individual industries will have their own parking area within the industrial plots.
- (xxx) **Details of Rain Water Harvesting:** Rainwater harvesting pits are proposed in common amenities, green belt area and roads for recharging the ground water table. Around 166 no of pits are proposed with 250mm dia and 1000mm depth. Apart from these individual industries will be mandated to provide rain water harvesting pits in their plots.
- (xxxi) **Brief description of Socio-economic condition of local people:** Though agriculture is the main occupation of Thiruvallur district, being close to Chennai and fast industrialization has resulted in shift in the occupation pattern. Out of the total workers only 4.78% of workers are cultivators and 17.59% of workers are Agricultural labourers. The district has good number of public health systems accessible and affordable apart from the private health facilities. The project site is free from habitation. The entire extent of land (279.995 ha) is Government poramboke land and is already handed over to SIPCOT by Government of Tamil Nadu for development of Industrial Park. Hence, there is no Rehabilitation and Resettlement for this project.
- (xxxii) **Land acquisition and R&R issues involved:** The entire land of 279.995 Ha has been allotted to SIPCOT. While obtaining ToR for the Industrial Park, the land area was considered as 303.75 Ha (300.765 Ha of poramboke land and 2.985 Ha of patta land) based on the administrative sanction issued by Government of Tamil Nadu for development of Industrial Park at Manallur vide G.O (Ms) No.119 dated 07.06.2013. Details are given below.
- **G.O (Ms) No.119 dated 07.06.2013:** While applying for EC, the poramboke land extent was reduced to 283.08 ha vide Government of Tamil Nadu land alienation GO (Ms) No. 285 dated 03/08/2018. Accordingly, in EC application the land extent was considered at 286.065 Ha (283.08 Ha of poramboke land vide per GO (Ms) No. 285 dated 03/08/2018 and 2.985 Ha of patta land vide GO.(Ms) no. 119 dated 07.06.2013).
 - **GO (Ms) No. 285 dated 03/08/2018:** The project area is now further reduced from 286.065 ha to 279.99.5 ha due to the following reasons:
 - 3.085 Ha of poramboke land has been excluded by Thiruvallur District Collector vide letter no. 14888/2018 dated 10.06.2019.
 - 2.985 Ha of patta land is also excluded from land acquisition and the total area of the Industrial Park is reduced to 279.99.5 Ha.

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- Land Delivery Receipt in proof of taking over possession of 279.99.5 Ha of land from Zonal Deputy Tahsildar.
- Land Delivery Receipt: As per the Land delivery receipt, the entire land has been handed over to SIPCOT. There is no R&R involved for this project.

(xxxiii) **Employment potential, No. of people to be employed:** A total of 100,000 people will be employed for the current project, inclusive of temporary and permanent employees. The detailed breakup of employee numbers during both construction and operation phases are given below:

Phase	Employment Type	No. of Persons
Construction	Permanent	100
	Temporary	1000
Operation	Permanent	10,000
	Temporary	88900
	Total	100,000

(xxxiv) **Benefits of the project:**

- Development of facilities and infrastructure will lead to economic growth in the region.
- Proposed development will help in revenue generation for the State as well as to the Country.
- This project will have positive impact on the socio economic status of the surrounding human environment and increased inflow to the Tamil Nadu Government.
- Proposed Development will lead to creation of both direct and indirect job opportunities. SIPCOT in coordination with the candidate industries will improve the employment potential directly in its activities of processing, purchase/sale, management, etc., and will also indirectly enable the community to have alternative earnings through opportunities of hotels, travels, transfer, etc.

(xxxv) **Brief summary of specialised Studies carried out for the project as per the ToR:** Not applicable.

(xxxvi) **Details of Court cases:** There are no court cases against the proposed project.

4. The EAC during its 241st meeting on 25-26th August, 2020, taken into account the submissions made by the project proponent M/s State Industries Promotion Corporation of Tamil Nadu (SIPCOT) Limited that the current proposal only pertains to the development of a Industrial Park at Manallur and Soorapoondi villages of Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu State" over an extent of 279.99.5 Ha (691.587 Acres) at Manallur and Soorapoondi villages, Gummidipoondi Taluk, Thiruvallur District. After a detailed deliberation, the EAC recommended the proposal for grant of Environmental Clearance subject to fulfilment of specific conditions other than all standard conditions applicable for this project.

5. The Ministry of Environment, Forest and Climate Change has considered the proposal based on the recommendations of the Expert Appraisal Committee (Infrastructure, CRZ and other Miscellaneous projects) and hereby decided to grant Environmental Clearance for the



development of an Industrial Park over an extent of 279.99.5 Ha (691.587 Acres) land area at Manallur and Soorapoondi villages, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu under the EIA Notification, 2006 as amended, subject to strict compliance of the following specific conditions, in addition to all standard conditions applicable for such projects.

A. SPECIFIC CONDITIONS

- (i) The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes as applicable to the project.
- (ii) The project proponent shall abide by all the commitments and recommendations made in the Form-II, EIA and EMP report, submissions made during Public Hearing and also that have been made during their presentation to EAC.
- (iii) No groundwater shall be used at any stage of project.
- (iv) No waste water shall be discharged to the rivers/streams or waterbodies. The proponent shall utilize the treated effluent and sewage for achieving zero discharge and scheme for the same shall be approved by CPCB and SPCB.
- (v) Permission from Irrigation Department for obtaining surface water to be obtained. Consent to Operate shall not be issued without obtaining permission competent authority for use of surface water.
- (vi) Detailed plan of expenditure with implementation schedule to address issues raised during Public Hearing shall be prepared and submitted to the Regional Office of this Ministry within three months. The proponent shall adhere the strict compliance of above plan to utilize funds as per schedule.
- (vii) As per the Ministry's Office Memorandum F. No. 22-65/2017-IA.III dated 30th September, 2020, the project proponent shall abide by all the commitments made by them to address the concerns raised during the public consultation. The project proponent shall initiate the activities proposed by them, based on the commitment made in the public hearing, and incorporate in the Environmental Management Plan and submit to the Ministry. All other activities including pollution control, environmental protection and conservation, R&R, wildlife and forest conservation/protection measures including the NPV, Compensatory Aforestation etc, either proposed by the project proponent based on the social impact assessment and R&R action plan carried out during the preparation of EIA report or prescribed by EAC, shall also be implemented and become part of EMP.

B. STANDARD CONDITIONS:

I. Statutory compliance:

- (i) The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be



implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report (in case of the presence of schedule-I species in the study area).

- (ii) The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- (iii) All excavation related dewatering shall be as duly authorized by the CGWA. A NOC from the CGWA shall be obtained for all dewatering and ground water abstraction
- (iv) A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- (v) All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Coast Guard, Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities.

II. Air quality monitoring and preservation:

- (i) The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM₁₀ and PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x emissions) within and outside the project area at least at four locations, covering upwind and downwind directions.
- (ii) Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed emission standards.
- (iii) Shrouding shall be carried out in the work site enclosing the dock/proposed facility area. This will act as dust curtain as well achieving zero dust discharge from the site. These curtain or shroud will be immensely effective in restricting disturbance from wind in affecting the dry dock operations, preventing waste dispersion, improving working conditions through provision of shade for the workers.
- (iv) Dust collectors shall be deployed in all areas where blasting (surface cleaning) and painting operations are to be carried out, supplemented by stacks for effective dispersion.
- (v) Diesel power generating sets proposed as source of backup power 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. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- (vi) A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

III. Water quality monitoring and preservation:



- (i) Total fresh water use shall not exceed the proposed requirement as provided in the project details. Prior permission from competent authority shall be obtained for use of fresh water.
- (ii) Sewage Treatment Plant shall be provided to treat the wastewater generated from the project. Treated water shall be reused for horticulture, flushing, backwash, HVAC purposes and dust suppression.
- (iii) A certificate from the competent authority for discharging treated effluent/ untreated effluents into the Public sewer/ disposal/drainage systems along with the final disposal point should be obtained.
- (iv) No diversion of the natural course of the river shall be made without prior permission from the Ministry of Water resources.

IV. Noise monitoring and prevention:

- (i) Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- (ii) Noise from vehicles, power machinery and equipment on-site should not exceed the prescribed limit. Equipment should be regularly serviced. Attention should also be given to muffler maintenance and enclosure of noisy equipments.
- (iii) Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.
- (iv) The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.

V. Energy Conservation measures:

- (i) Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
- (ii) Provide LED lights in their offices and residential areas.

VI. Waste management:

- (i) Necessary arrangements for the treatment of the effluents and solid wastes must be made and it must be ensured that they conform to the standards laid down by the competent authorities including the Central or State Pollution Control Board and under the Environment (Protection) Act, 1986.
- (ii) The solid wastes shall be managed and disposed as per the norms of the Solid Waste Management Rules, 2016.
- (iii) Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
- (iv) A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project.
- (v) 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.



VII. Green Belt:

- (i) An overall green area of at-least 33% of the Industrial Area should be developed with native species. The project proponent of the Industrial Area shall comply with the additional commitment made by them in the EIA report regarding the development of green belt.
- (ii) The Industrial Areas are directed to accordingly allocate the area to be developed as green cover to respective individual industrial units so as to achieve the above mentioned condition.
- (iii) The individual industrial unit, at the time of obtaining EC, shall bring a letter from the Industrial Area for the area allocated to them to be developed as green cover as a part of obligation from the Industrial Area.
- (iv) Wherever possible, plantations around the periphery of the Industrial Area, in the downwind direction and along the road sides shall be provided for containment of pollution and for formation of a screen between the industrial area and the outer civil area. The choice of plants should include shrubs of height 1 to 1.5 m and tree of 3 to 5 m height. The intermixing of trees and shrubs should be such that the foliage area density in vertical is almost uniform.
- (v) The parameters like selection of plant species, procedure for plantation, density of tree plantation etc shall be as per the CPCB guidelines.

VIII. Public hearing and human health issues:

- (i) Workers shall be strictly enforced to wear personal protective equipments like dust mask, ear muffs or ear plugs, whenever and wherever necessary/ required. Special visco-elastic gloves will be used by labour exposed to hazards from vibration.
- (ii) Safety training shall be given to all workers specific to their work area and every worker and employee will be engaged in fire hazard awareness training and mock drills which will be conducted regularly. All standard safety and occupational hazard measures shall be implemented and monitored by the concerned officials to prevent the occurrence of untoward incidents/ accidents.
- (iii) Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- (iv) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure 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.
- (v) Occupational health surveillance of the workers shall be done on a regular basis.

X. Corporate Environment Responsibility:

- (i) The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.



- (ii) A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
- (iii) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- (iv) Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

XI. Miscellaneous:

- (i) The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- (ii) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- (iii) The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- (iv) The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- (v) The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- (vi) The criteria pollutant levels namely; PM_{2.5}, PM₁₀, SO₂, NO_x (ambient levels) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (vii) The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- (viii) The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- (ix) The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- (x) No further expansion or modifications in the Industrial Area shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).



- (xi) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- (xii) The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- (xiii) The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- (xiv) The Regional Office of this Ministry 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.
- (xv) The above conditions shall 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, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- (xvi) Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

7. This issues with the approval of the Competent Authority.


 (Amardeep Raju)
 Scientist-E

Copy to:

1. The Member Secretary, Tamil Nadu Pollution Control Board, No. 76, Mount Salai, Guindy, Chennai - 32
2. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi.
3. The APCCF (C), MoEF& CC, RO Regional Office (SEZ), 1st and 11nd Floor, Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai - 34
4. Monitoring Cell, MoEF&CC, Indira Paryavaran Bhavan, New Delhi.
5. Guard File/Record File
6. Notice Board.


 (Amardeep Raju)
 Scientist-E



File No: 21-59/2015-IA.III
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Date 17/03/2025



To,

Kumaragurubaran J
 State Industries Promotion Corporation of TamilNadu Limited (SIPCOT)
 19-A, Rukmani Lakshmipathy Road, Egmore, Chennai , Egmore, Chennai, Tamil Nadu-600008
 projects@sipcot.in

Subject: Amendment in the Environmental Clearance granted by the Ministry vide letter F.No.21-59-2015-IA.III dated 10.11.2020 for 'Development of Industrial Park in the area of 279.995 Ha. (691.587 Acres) at Manallur and Soorapoondi villages, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu by M/s State Industries Promotion Corporation of Tamilnadu Limited-Regarding.

Sir/Madam,

This has reference to your online application vide proposal no:IA/TN/INFRA1/463864/2024 dated 23/02/2024, submitting the above mentioned proposal to this Ministry for grant of amendment in Environmental Clearance (EC) granted by the Ministry vide letter F.No.21-59-2015-IA.III dated 10.11.2020 in compliance to the Order of the Hon'ble NGT dated 30th September 2022 and in terms of the provisions of the Environment Impact Assessment Notification (EIA), 2006 under the Environment (Protection), Act, 1986.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24A3101TN5735699N
(ii) File No.	21-59/2015-IA.III
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	7(c) Industrial estates/ parks/ complexes/ areas, export processing Zones (EPZs), Special Economic Zones
(vi) Sector	INFRA-1
(vii) Name of Project	Development of Industrial Park at Manallur and Soorapoondi villages, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu over an extent of 279.995Ha. (691.587Acres)

(viii) Name of Company/Organization

STATE INDUSTRIES PROMOTION
CORPORATION OF TAMILNADU LIMITED
(SIPCOT)

(ix) Location of Project (District, State)

THIRUVALLUR, TAMIL NADU

(x) Issuing Authority

MoEF&CC

(xi) Applicability of General Conditions as per
EIA Notification, 2006

Yes

3. The proposed project is for Development of Industrial Park in the area of 279.995Ha. (691.587Acres) at Manallur and Soorapoondi villages, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu by M/s State Industries Promotion Corporation of Tamilnadu Limited- (SIPCOT). The project site is falling in between the geographical coordinates ranging from 13⁰26" 48.15" to 13⁰ 27" 15.37" N and 80⁰ 01" 21.79" to 80⁰ 01"56.24" E.

4. The proposed project activity is listed at S.No.7(c) Industrial Estates/Parks/SEZ,etc under Category "A" of the schedule of the EIA Notification, 2006, and appraised at Central Level as General Condition is applicable due to proximity of Interstate Boundary TamilNadu-AndhraPradesh Boundry situated at ~3.13 Km (towards NNW) from the project boundary and Pulicat lake bird Sanctuary is located at the distance of ~5.77 Km (towards NE). The total cost of the project is 353.28 crores.

5. Earlier, the above project was received in the Ministry on 24th December, 2019 for grant of EC. The proposal was considered by the Expert Appraisal Committee(EAC) for Infrastructure, CRZ and Other Miscellaneous projects in its meeting on 25th-26th August, 2020. The EAC after detailed deliberation recommended for grant of the EC with certain conditions, Ministry accorded the EC vide letter no. 21-59/2015-IA.III dated 10th November, 2020.

6. The Hon'ble NGT Southern zone, Chennai vide Judgement dated 30th September 2022 in the matter of D.Ranjith Kumar Versus Union of India with G. Praveena Versus Union of India, Appeal No.32 of 2020(SZ) with Appeal No.34 of 2020(SZ) has suspended the Environmental Clearance granted vide F.No.21-59-2015-IA.III dated 10.11.2020 for establishing an industrial park in Manallur Village, Thiruvallur District till further studies and appraisal to be done as directed by Hon'ble Tribunal and also directed the MoEF&CC to refer the matter to the EAC for the purpose of issuing additional ToR so as to conduct further studies by the project proponent.

7. In compliance to the Hon'ble Tribunal Judgment, an application for ToR was uploaded vide Proposal No.: IA/TN/INFRA1/407090/2022 dated 18.11.2022 by the project proponent and the project was considered in the 316th EAC meeting held on 16.12.2022. The proposal was recommended by the EAC and the ToR was issued for the project vide File no.21-59/2015 IA.III dated 25/01/2023.

8. Public Hearing Details: The public hearing was held in Tiruvallur District, Tamil Nadu, on 22nd August 2023. The details are as follows.

Date	Venue	District and State	Chairman
22.08.2023	K.V.C Mahal, Sathyavedu road, Madharpakkam Village, Gummidipoondi Taluk, Tiruvallur	Tiruvallur District, Tamil Nadu State	District Collector, Tiruvallur District.

9. List to industries to be housed with the proposed project site.

Sl.No	Type Industries	Approximate Percentage (%) of Industrial plot area.	Industrial plot area in Ha.	Industrial plot area in Acres
1	5(f) Non pharma industries such as Synthetic Acrylic polymers and resins, water proofing compounds synthetic adhesives etc.,	10	19.838	49.00
2	Non EC Category industries such as E vehicle and its	90	178.866	441.80

	components manufacturing, Automobile and accessories manufacturing, Engineering and fabrication, Plastic Industries etc.,			
Total	100	198.704	490.80	

10. Water requirements: Construction Phase: The water requirement for the project is 63 KLD, which will be sourced from Private water suppliers. Operation Phase: The total water requirement for the project during the operation phase is 5956 KLD, out of which 685 KLD Freshwater is required, and TTRO water requirement of 3365 KLD will be sourced from Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB). The balance water of 1906 KLD will be met by recycling treated wastewater. There will be no extraction of the groundwater.

11. Waste Management: Due to the proposed industrial estate during construction phase Organic waste is expected to generate 27kg/day and during operational phase 2430(kg/day). Inorganic waste will be generated 18kg/day during construction phase and 1620 kg/day will generated during operational phase. An in house independent Solid Waste Management facility over an area of 5 Acres (Sheds for recovery and recycling facility including shed for E-waste management) has been earmarked for Solid Waste Management Facility. Hazardous waste: Hazardous wastes generated from the allotted industries will be managed by the industries and it will be stored in designated areas within their premises and disposed as per Hazardous waste (Management and Transboundary) Rules 2016. E-waste: Individual industries will have their own E-waste storage areas and the same will be disposed by individual industries as per E-waste management rules 2022. Construction & demolition waste: Construction and demolition waste generated during the site clearance activities will be collected and disposed as per C&D rules, 2016. Plastic waste: As per Tamil Nadu Government Order (Ms) No.84 Environment and Forests (EC.2) department dated 25.06.2018 regarding ban on one time use and throw away plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986. SIPCOT will instruct the individual industries to comply according with the G.O. Wastewater: Individual industries will have their own Sewage Treatment Plants. Treated sewage will be recycled for flushing and green belt development within their premises as per CPCB/TNPCB guidelines. Individual industries will have their own Effluent Treatment Plants and will be mandated to ensure Zero Liquid Discharge concept as per CPCB/TNPCB guidelines. Treated effluent will be recycled for process and utilities purpose. Individual industries will be instructed to provide all pollution control measures as per CPCB/TNPCB norms. There will be no outfall outside their Premises.

12. Details of tree cutting and Green belt development: Total No. of trees within the site are 2153. Out of which 170 trees will felled down due to proposed project. To Compensate that trees 1700 trees will be planted in green belt area. Green belt is proposed in an area of 106.575 Ha(38.07% of the developable area). The details are as following.

Green belt	Area (Ha)	Percentage of developable area
Green belt in industrial plot area (33% by industries)	65.572	23.42
Green belt by SIPCOT	41.003	14.65
Total	106.575	38.07

Around 3,34,750 numbers of trees will be planted (for 106.575 ha @ 2500 trees / Ha by considering 80% survival rate& rate and 1700 Tree compensation).

13. Diversion of the Forest land: The instant proposal does not involve any forest land. However, Pulicat Bird Sanctuary is located at a distance of ~5.77km in the direction of NE direction from the proposed project site. Rapid Biodiversity Inventory Survey has been conducted by the Green Works Trust (GWT) for an area of 10 km radius around proposed SIPCOT Industrial Park, Manallur. The Biodiversity Inventory Survey report was submitted to the M/s Salim Ali Centre for Ornithology and Natural History (SACON) for review; the same was reviewed and updated. The Final Biodiversity Report and the Conservation Plan prepared by SACON were submitted for the approval/recommendation of the Principal Chief Conservator Forest (PCCF) and Chief Wildlife Warden (CWLW), Tamil Nadu. The PCCF and CWLW reviewed the report and recommended the plan vide letter No: WL5/HOTNFD/305/2024 dated 21.09.2024. Standing Committee of National Board for Wild life has recommended the proposal vide letter no.WL-6/16/2024-WL dated 7th February, 2021. Based on the recommendation of the NBWL, office of the Principal Chief Conservator Forests, Chennai granted the No objection certificate vide letter Ref No.WL5/24360/2023 dated 12.02.2024. Revised Conservation Plan with a budget of

Rs. 3.25 Cr. has been submitted; the details are as follows:

Sl. No.	Activities	Approx. Cost (INR Lakhs)
1	Establishment of artificial wetlands for aquatic dependent flora and fauna nos.(40ft*10ft*3ft*)	50.00
2	Creating Avenue Tree plantations along the Road/ pathways	20.00
3	Establishing Butterfly Gardens and Pollinator Microhabitats (for Two gardens)	20.00
4	Creating a Green Belt along the Periphery of the Project Site	100.00
5	Wetland Management Activities of Pallavada Lake:	
	De-siltation of Lake Area,Creation of Mounds within the lake, Removal of Invasive species	100.00
	Provision of Artificial Nesting Platforms	
	Long-term monitoring of waterbirds	30.00
6	Wildlife Conflict Mitigation:Dos and Don'ts for a Snake Encounter, First Aid for snake Bite	5.00
Total		325.00

Further, SIPCOT has allocated INR 17.75 Crores towards Environment Management Plan (EMP).

14. Energy conservation measures with estimated saving: The total renewable energy capacity will be up to 3.46 MVA through Solar power will be generated based on the feasibility and necessary provisions. Apart from this, SIPCOT will promote individual industries to utilize at least 10% of their power requirement through renewable energy like solar etc. Solar panels will be proposed in the roof top of project office. Solar power will be utilized for the IP internal road lighting/common areas/wherever possible. Apart from this, individual industries will be advised to utilize solar energy to reduce power consumption.

15. Details of Rain Water Harvesting: Hydro-geological Study has been conducted for the proposed project site. Based on the geophysical investigation of the site, the results of the Vertical Electrical Sounding shows the ground water conditions of the locations which clearly indicates that the depth of water level varies from 2.9-6.2 m BGL in shallow aquifers, whereas 45-50 m depth BGL in deep aquifers. It is concluded that the neighbouring core zone area is considered to have good groundwater potential. 6594 No's of rain water harvesting pits are proposed and Excess runoff will be diverted to nearby water bodies (after filtration) through storm water drain (provided along the Road side).

16. Land acquisition and R&R issues involved: Entire land is under the possession of SIPCOT and there is no R & R for the proposed IP. Originally, Administrative Sanction was given for acquisition of 303.75 Ha (300.765 Ha of poramboke land and 2.985 Ha of patta land) for the development of Industrial Park at Manallur vide G.O (Ms) No.119 dated 07.06.2013. Later, poramboke land extent was reduced to 283.08 Ha vide Government of Tamil Nadu land alienation G.O(Ms)No.285 dated 03/08/2018. Further, 3.085 Ha of poramboke land has been excluded vide Thiruvallur District Collector vide letter no. 14888/2018 dated 10.06.2019 and 2.985 Ha of patta land is also excluded from land acquisition and the total area of the Industrial Park is reduced to 279.99.5 Ha.

17. Employment potential: The manpower requirement includes both the technical and non-technical personnel. During construction phase total 100 people will get employment and during the operational phase total 9000 people will get employment. Local People will be employed from the surrounding villages During Operational phase.

18. Benefits of the project: there will be both Direct and Indirect employment generation. Proposed project will also attract generation of additional revenue to the Government by means of Taxes and duties. Proposed Industrial Park facility will attract commercial establishments in the surrounding area.

19. Details of Court cases: There are no court cases. However, National Green Tribunal (NGT) has passed Judgment vide Order dated 30.09.2022 and has directed MoEF &CC to issue the Environmental Clearance.

20. The EAC taking note of the submission made by the project proponent had a detailed deliberation in its 360th meeting held on 21st March, 2024, 377th meeting held on 16th-17th October, 2024 and 382nd meeting held on 09th December, 2024, and 389th EAC meeting held on 29th-30th January, 2025. Based on the information submitted and clarifications provided by the project proponent, the EAC recommended that, as per the directions of Hon'ble NGT, an amendment to the earlier environmental clearance, issued vide letter No.21-59/2015-IA.III dated 10th November, 2020, may be issued by

the Ministry. The amendment shall be based on the recommendations of the EAC prescribed in its 377th meeting held on 16th-17th October 2024.

21. The EAC also re-examined the recommendations of 377th meeting and suggested that the following additional condition may be incorporated in the recommendations of 377th meeting for this proposal:

i. The PP to prepare and implement a Conservation Plan/Species Habitat Restoration Plan for the 39 Schedule-I species in consultation with State Forest Department and the same shall be submitted to the concerned IRO of MoEFCC for monitoring of implementation in along with first 6 monthly compliance report.

ii. The PP shall maintain a minimum 50 mtrs wide green belt along the boundary inside the industrial estate towards habitations.

iii. The red category industries proposed in the Industrial Park layout has to be relocated 500 mtrs from the habitation area located nearby the industrial estate so that the habitations at all sides shall be at a minimum of 500m away from the proposed red-category industries.

22. The Ministry of Environment, Forest and Climate Change has considered the proposal based on the recommendations of the Expert Appraisal Committee (Infrastructure, CRZ and other Miscellaneous projects) and hereby decided to grant amendment in the environmental clearance granted vide letter no. F.No.21-59-2015-IA.III dated 10.11.2020 by the Ministry for 'Development of Industrial Park over an area of 279.995 Ha (691.587 Acres) at Manallur and Soorapoondi villages, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu by M/s State Industries Promotion Corporation of Tamilnadu Limited (SIPCOT)' under the EIA Notification, 2006 as amended, subject to strict compliance of the following specific conditions mentioned at Annexure-I.

23. All other terms and conditions mentioned in the Environmental Clearance vide letter no. 21-59/2015-IA.III dated 10.11.2020 shall remain unchanged.

23. This issues with the approval of the Competent Authority.

Copy To

1. The Principal Secretary, Department of Environment, Climate Change and Forests Department, Government of Tamil Nadu, Environment, Climate Change and Forests Department Secretariat, Chennai-600 009, Tamil Nadu.
2. The Principal Chief Conservator of Forests, Head of Department, Forest Headquarters Building, Near Kannikapuram Checkpost, Guindy-Velacherry Main Road, Guindy, Chennai-600 032, Tamil Nadu.
3. The Regional Officer, Ministry of Environment, Forest and Climate Change (MoEF&CC), Integrated Regional Office Chennai, 1st Floor, Additional Office Block for GPOA, Shastri Bhawan, Haddows Road, Nungambakkam, Chennai-600 006, Tamil Nadu.
4. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32.
5. The Member Secretary, Tamil Nadu Pollution Control Board, 76, Mount Salai, Guindy, Chennai-600 032, Tamil Nadu.
6. Compliance and Monitoring Division, Ministry of Environment, Forest and Climate Change (MoEF&CC), Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110 003.
7. Parivesh Portal.
8. Guard File/ Monitoring File/ Record File.

Annexure-I Specific Conditions

- i. The PP to prepare and implement a Conservation Plan/Species Habitat Restoration Plan for the 39 Schedule-I species in consultation with State Forest Department and the same shall be submitted to the concerned IRO of MoEFCC for monitoring of implementation in along with first 6 monthly compliance report.
- ii. The PP shall maintain a minimum 50 mtrs wide green belt along the boundary inside the industrial estate towards habitations.
- iii. The red category industries proposed in the Industrial Park layout has to be relocated 500 mtrs from the habitation area located nearby the industrial estate so that the habitations at all sides shall be at a minimum of 500m away from the proposed red-category industries.
- iv. The proponent has to comply with the Ministry's OM no. J-11011/321/2016-IA.II(I), dated 27.04.2018 which made it mandatory for certain type of industries to conduct public hearing irrespective of their location within Industrial Area or outside the industrial area.
- v. The proposed individual units need to take Environmental Clearance separately as per the applicability of the schedule of EIA Notification, 2006.
- vi. Conservation and mitigation action plan prepared by M/s Salim Ali Centre for Ornithology and Natural History (SACON) for all schedule-I species and other wildlife species shall be implemented in consultation with the State Forest Department; the status of the implementation shall be submitted to the IRO, MoEF&CC along with the 6 monthly EC Compliance report.
- vii. The recommendations of the PCCF and CWLW vide letter no.WL5/HOTNFD/305/2024 dated 21.09.2024 shall be implemented and the status of the implementation shall be submitted to the IRO, MoEF&CC along with the 6 monthly EC Compliance report.
- viii. Pulicat Bird Sanctuary is located at a distance of ~5.77km in the direction of NE direction from the proposed project site. Standing Committee of National Board for WILD life has recommended the proposal vide letter no.WL-6/16/2024-WL dated 7th February, 2021. Based on the recommendation of the NBWL office of the Principal Chief Conservator Forests(HoFF),Chennai granted the No objection certificate vide letter Ref No.WL5/24360/2023 dated 12.02.2024. All the recommendation made in the Standing Committee of National Board for Wild life shall be submitted to the IRO, MoEF&CC along with the 6 monthly EC Compliance report.
- ix. PP to prepare and implement a Conservation Plan/Species Habitat Restoration Plan for the 39 Schedule-I species in consultation with State Forest Department and the

same shall be submitted to the concerned IRO of MoEFCC for monitoring of implementation in along with first 6 monthly compliance report.

- x. Enhancement of the Environmental Management Plan budget i.e., revision in the amount for activities like desilting of the lakes, creation of mounds within lake; within the Industrial Area, peripheral multi-layered greenbelt of 15m with some herbs and shrubs (considering the nearby flora and fauna) to be provided along the project boundary with atleast 50 mtr wide green belt around the water bodies and lake boundaries and human settlements nearby the project boundary. Revision of activities budget shall be done in consultation with SFD and same shall be communicated to IRO of the Ministry.
- xi. Project Proponent shall strive to enhance the Green Belt beyond 33% and that the trees planted in this regard would be planted under the campaign " एक_पेड़_मैं के_नाम " and the details of the trees planted would be uploaded on the portal <https://merilife.nic.in>.
- xii. As proposed, the overall area of 106.575 Ha(38.07% of the developable area) shall be maintained as a green belt/green area, in which 65.572 ha (23.42%) will develop individual industrial plot area (33% by industries), and an area of 41.003ha (14.65%) will be developed by the SICOT. The Green belt and green space shall be maintained with a thick plantation.
- xiii. Water demand during development/ construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xiv. Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should not leach into the ground water.
- xv. Vehicles hired for bringing construction material to the site should be, in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should be operated only during non-peak hours.
- xvi. Any hazardous waste generated during development/ construction phase, should be disposed off as per applicable rules and norms with necessary approvals of the Maharashtra Pollution Control Board.
- xvii. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted along with the six monthly EC compliance report to the concern IRO of the Ministry before the project is commissioned for operation. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.

- xviii. Sewage shall be treated in the STP with tertiary treatment i.e. Ultra Filtration. The treated effluent from STP shall be recycled/re-used for flushing and landscaping.
- xix. As proposed the industrial estate shall ensure the individual industries will have their own Effluent Treatment Plants and will be mandated to ensure Zero Liquid Discharge concept as per CPCB/TNPCB guidelines.
- xx. Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.
- xxi. No sewage or untreated effluent water would be discharged through storm water drains.
- xxii. Soil and ground water samples will be tested to ascertain that there is no threat to ground water quality by leaching of heavy metals and other toxic contaminants. Frequent monitoring of groundwater and surface water will be done to ensure that the quality of water is being maintained within the norms the report of the same shall be submitted to the concern IRO, MoEF&CC along with the six monthly EC&CRZ compliance road.
- xxiii. The PP shall construct a garland drain, with catch pits of appropriate capacity at appropriate distance, all around the industrial estate and also around the water bodies falling within project boundary to prevent runoff of any contaminants/ waste into the nearby water bodies. The garland drains shall be designed such that the runoff within the boundary of the industrial area is collected in the garland drains, which shall be treated appropriately, conform to CPCB standards.
- xxiv. Rain water harvesting for roof run-off and surface run-off, as plan submitted shall be implemented. Before recharging the surface run off, pre-treatment must be done to remove suspended matter, oil and grease. The bore well for rainwater recharging shall be kept at least 4 m above the highest ground water table.
- xxv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six-Monthly Monitoring reports.
- xxvi. Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the ground water quality in consultation with the State Pollution Control Board/CPCB. Trend analysis of ground water quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF&CC.

- xxvii. Ambient air quality monitoring stations should be established in the downward directions as well as where maximum ground level concentration of PM10, PM2.5, SO2 and NOx are anticipated in consultation with SPCB within and outside the industrial estate area at least at four locations (one within and three outside the port area at an angle of 120° each), covering upwind and downwind directions. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed fugitive emission standards. Data on ambient air quality and emission shall be regularly submitted to the IRO, MoEF&CC along with the six monthly EC&CRZ compliance road.
- xxviii. Installation of Ambient Air Quality data shall display unit for public display.
- xxix. The total renewable energy capacity will be up to solar power shall be explored and accordingly plan shall be submitted to IRO of the Ministry in its first six monthly compliance report. And, progress of implementation of this plan be submitted in subsequent 6 monthly compliance reports. Apart from this SIPCOT shall ensure that individual industries utilize at least 10% of their total power requirement through renewable energy like solar etc.
- xxx. Roof should meet prescriptive requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirement.
- xxxi. The project should not amend or alter the pathways of the natural streams or creeks/nallah flowing.
- xxxii. Red category industrial units to be avoided near residential areas and habitations and water bodies. A distance of approximately 500 meters shall be maintained for the establishment of red category industry from the residential area.
- xxxiii. Compliance of the directions of Hon'ble NGT in the matter of D. Ranjith Kumar Versus Union of India with G. Praveena Versus Union of India. Appeal No. 32 of 2020 (SZ) With Appeal No. 34 of 2020 (SZ) Judgement dated 30th September 2022 to be ensured.
- xxxiv. Based on the Socio, Economic and Demography study prepare Environment Management Plan to improve the life of the Communities around the Project with measurable indicators.
- xxxv. The land related issues and any compensation, R&R issues have to be resolved. Further, justification required from the PP regarding the rectification of the project or resolution of the public opinions if any and written clarification from the gram sabha to be submitted by the PP to avoid any complications in the future.
- xxxvi. All the recommendation of the EMP shall be complied with in letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format

and the compliance for each mitigation plan shall be submitted to RO, MoEF&CC along with half yearly compliance report.

- xxxvii. As per the Ministry's Office Memorandum F.No.22-65/2017-IA.III dated 30th September, 2020, the project proponent shall abide by all the commitments made by them to address the concerns raised during the public consultation. The project proponent shall initiate the activities proposed by them, based on the commitment made in the public hearing, and incorporate in the Environmental Management Plan and submit to the Ministry along with 6 monthly compliance report.
- xxxviii. All other activities including pollution control, environmental protection and conservation, R&R, wildlife and forest conservation/protection measures including the NPV, Compensatory Afforestation etc., either proposed by the project proponent based on the social impact assessment and R&R action plan carried out during the preparation of EIA report or prescribed by EAC, shall also be implemented and become part of EMP.





CHENNAI METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD
No.1, Pumping Station Road, Chintadripet, Chennai - 600 002.

MANAGING DIRECTOR

Lr. No. CMWSSB/O&M II/WT&T/ROII/SIPCOT/01/2020, Dt. 20.05.2020

To

The Managing Director
 SIPCOT No.19-A,
 Rukmani Lakshmipathy Road,
 Post Box No.7223
 Egmore,
 Chennai-600 008

Sir,

Sub: CMWSSB - O&M II - WT&T- RO II - Establishment of Industrial park at Manallur - Obtaining environmental clearance – Supply of 1.3 MLD fresh water to the proposed Industrial park – No objection to utilize the water supplied to Thervoykandigai SIPCOT issued - Reg.

Ref: Lr.No. Projects/EIA/Fresh water supply/ Manallur/2020 dated 12.05.2020

In the reference cited above, it is informed that it has been proposed to establish an Industrial park at Manallur, SIPCOT and is in the process of obtaining Environmental clearance from MoEF & CC, Govt. of India, New Delhi for the proposed Manallur Industrial Park. In the first phase, an extent of 279.995 Hectares is to be developed and the water requirement is 6.3 MLD out of which 5 MLD is proposed from TTRO water and 1.3 MLD of fresh water is required.

In this regard, it is informed that CMWSSB has developed infrastructure to supply 14 MLD of raw water from Redhills Lake to SIPCOT Industrial Park at Thervoykandigai as deposit work. SIPCOT may develop infrastructure to convey the required quantity of 1.3 MLD of water from Thervoykandigai pump house to Manallur SIPCOT from the overall allocation of 14 MLD to Thervoykandigai SIPCOT.


 20/5/2020
 Managing Director.



CHENNAI METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD

MANAGING DIRECTOR

Lr.No.CMWSSB/CE(O&M)II/STP(N)/45TTRO - KOD/039/SIPCOT-MANALLUR, Date: 30.01.2020

To,

The Managing Director,
SIPCOT,
No.19 - A, Rukmani Lakshmi pathy Road,
Egmore,
Chennai - 600 008.

Sir,

Sub: CMWSS Board - C.E.(O&M) II - S.E.(WWT&R) - "Design, Build and Operate for 15 years (DBO) a 45 MLD capacity Tertiary Treatment Reverse Osmosis (TTRO) Kodungaiyur expandable to 60 MLD including supply, laying and maintenance of D.I. Transmission mains for conveyance of Product water to industries located in Manali - Minjur and Manali - Ennore corridor - Request received from SIPCOT to supply 20MLD TTRO water to SIPCOT industrial park at Manallur from Kodungaiyur TTRO plant - Confirmation on supply to SIPCOT industrial park at Manallur from Kodungaiyur TTRO plant - Reg.

Ref: 1) SIPCOT Lr.No.CD/Water Supply/MNL/2019, Dated :27.12.2019
2) SIPCOT Lr.No.CD/Water Supply/MNL/2019, Dated :29.01.2020

The Managing Director, SIPCOT, has requested to extend the supply of 20MLD TTRO water from TTRO plant at Kodungaiyur to the proposed SIPCOT industrial park at Manallur and other parks in the vicinity and also to furnish letter of confirmation for the supply of TTRO Water in order to obtain Environmental clearance for the proposed industrial complex at Manallur, vide reference 1st and 2nd cited respectively.

Your requirement of 20MLD of TTRO water has already been factored in the estimation and we hereby convey our acceptance to supply 20 MLD of Tertiary Treated water to SIPCOT industries including 5MLD for the proposed SIPCOT industrial park at Manallur and 15 MLD for other parks in the vicinity from the expandable 60MLD TTRO plant at Kodungaiyur on completion of entire works in all respects.


30/01/2020
MANAGING DIRECTOR

Category of the Industry :

RED



CONSENT ORDER NO. 2501237401862 DATED: 11/06/2025.

PROCEEDINGS NO.T3/TNPCB/F.0999GMP/RL/GMP/A/2025 DATED: 11/06/2025

SUB: TNPC Board-Consent for Establishment-M/s. SIPCOT INDUSTRIAL PARK, MANALLUR , S.F. No. 203/1, 204/2, 207/2, 208, 209/1, 209/3, 210/1, 210/3, 211, 212/1, 212/3, 213, 214, 215, 216/1, 216/3, 217/1, 217/3, 218/1, 218/3, 219/1, 220/1, 223/4, 224, 225/1, 226/1, 227/1, 227/3, 228, 229, 230, 231, 232, 233/1, 234/1, 234/3, 235/3, 236, 237/1, 237/3, 238, 239, 240, 241, 242, 243, 244, 245, 248, 249, 250, 252, 253, 270/1, 270/8, 274/1, 274/29 of Manallur village and SF No. 1, 2, 3, 4, 5, 6/2, 9/1, 9/3, 9/5, 9/6, 9/11, 10/4, 10/9, 12/2, 12/3, 12/4, 12/5, 12/6, 12/7, 12/8, 12/9, 12/10, 12/11, 12/12, 12/13, 12/14, 12/15, 12/16, 12/17, 13/1, 13/2, 13/3, 13/4, 13/5, 13/6, 13/7, 13/8, 13/9,15, 16/1, 37/1, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49 of Soorapoondi village , MANELLORE village, Gummidipoondi Taluk and Tiruvallur 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. (Industry User ID- R21GMP37400982)

REF: 1. Unit’s CTE-New Application No. 37401862, dated: 12.03.2021 and application resubmitted on 30.04.2025
2. DEE GMP IR. No.: F.0999GMP / RL / DEE / GMP / 2025, dated: 02.05.2025
3. Minutes of the Technical Sub Committee Meeting vide Item No. 240-17, dated: 29.05.2025

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, MANALLUR
S.F No. 203/1, 204/2, 207/2, 208, 209/1, 209/3, 210/1, 210/3, 211, 212/1, 212/3, 213, 214, 215, 216/1, 216/3, 217/1, 217/3, 218/1, 218/3, 219/1, 220/1, 223/4, 224, 225/1, 226/1, 227/1, 227/3, 228, 229, 230, 231, 232, 233/1, 234/1, 234/3, 235/3, 236, 237/1, 237/3, 238, 239, 240, 241, 242, 243, 244, 245, 248, 249, 250, 252, 253, 270/1, 270/8, 274/1, 274/29 of Manallur village and SF No. 1, 2, 3, 4, 5, 6/2, 9/1, 9/3, 9/5, 9/6, 9/11, 10/4, 10/9, 12/2, 12/3, 12/4, 12/5, 12/6, 12/7, 12/8, 12/9, 12/10, 12/11, 12/12, 12/13, 12/14, 12/15, 12/16, 12/17, 13/1, 13/2, 13/3, 13/4, 13/5, 13/6, 13/7, 13/8, 13/9,15, 16/1, 37/1, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49 of Soorapoondi village
MANELLORE Village
Gummidipoondi Taluk
Tiruvallur District.

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

S.F No. 203/1, 204/2, 207/2, 208, 209/1, 209/3, 210/1, 210/3, 211, 212/1, 212/3, 213, 214, 215, 216/1, 216/3, 217/1, 217/3, 218/1, 218/3, 219/1, 220/1, 223/4, 224, 225/1, 226/1, 227/1, 227/3, 228, 229, 230, 231, 232, 233/1, 234/1, 234/3, 235/3, 236, 237/1, 237/3, 238, 239, 240, 241, 242, 243, 244, 245, 248, 249, 250, 252, 253, 270/1, 270/8, 274/1, 274/29 of Manallur village and SF No. 1, 2, 3, 4, 5, 6/2, 9/1, 9/3, 9/5, 9/6, 9/11, 10/4, 10/9, 12/2, 12/3, 12/4, 12/5, 12/6, 12/7, 12/8, 12/9, 12/10, 12/11, 12/12, 12/13, 12/14, 12/15, 12/16, 12/17, 13/1, 13/2, 13/3, 13/4, 13/5, 13/6, 13/7, 13/8, 13/9,15, 16/1, 37/1, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49 of Soorapoondi village
MANELLORE Village,
Gummidipoondi Taluk,
Tiruvallur District.

This Consent to establish is valid upto **November 09, 2030**, 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.

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.	It is an infrastructure development project in a total area of 279.995 Hectares (691.587 Acres). It involves the 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. 5(f) Non pharma industries such as Synthetic Acrylic polymers and resins, water proofing compounds synthetic adhesives etc., 2. Non EC Category industries such as E vehicle and its components manufacturing, Automobile and accessories manufacturing, Engineering and fabrication, Plastic Industries etc.,	279.995	Hectares
By-Product Details			
1.	NA	0	0
Intermediate Product Details			
1.	NA	0	0

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

I	Point source emission with stack :			
Stack No.	Point Emission Source	Air pollution Control measures	Stack height from Ground Level in m	Gaseous Discharge in Nm3/hr
II	Fugitive/Noise emission :			
Sl. No.	Fugitive or Noise Emission sources	Type of emission	Control measures	

3. **Special Additional Conditions:**
The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.
The industries shall take all efforts to use and popularize “Mission LiFE” logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt “Mission LiFE” action points and document the same and furnish half yearly report to Board.

4. **Additional Conditions:**

1. The developer shall strictly comply all the conditions stipulated in the Environmental Clearance obtained from MoEF&CC vide File No. 21-59/2015-IA.III Dated 10.11.2020 and in the Environmental Clearance amendment issued by the from MoEF&CC vide EC Identification No. EC24A3101TN5735699N dated 17.03.2025 at all times and shall furnish half yearly EC compliance report to MoEF&CC and TNPCB regularly.
2. The unit shall obtain prior approval from the MoEF&CC for any changes in the scope of the project for which Environmental clearance issued.
3. The issue of CTE to the project shall not be construed as CTO and the developer shall not commission the project without obtaining CTO from the Board.
4. The developer shall ensure that no process emission is let out at any stage of its activity.
5. The developer shall develop green belt over 33% of the total area as proposed in the EMP/Layout plan and the sampling shall be planted before seeking Consent to Operate.
6. In case of revision of consent fee by the Government, the unit shall remit the difference in amount within one month from the date of notification. Failing to remit the consent fee, this consent will be withdrawn without any notice and further action will be initiated against the unit as per law.
7. This consent order does not absolve this unit from obtaining necessary permission/clearance from other Authority or under other statues as applicable.

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.

To
The Managing Director,
M/s.SIPCOT INDUSTRIAL PARK, MANALLUR,
State Industries Promotion Corporation of Tamilnadu Limited, 19-A, Rukmani Lakshmi pathy Road, Egmore, Chennai
Pin: 600008

Copy to:

- 1.The Commissioner, GUMMUDIPOONDI-Panchayat Union, Gummidipoondi Taluk, Tiruvallur District .
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, GUMMIDIPOONDI.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chennai.
4. File

Signature Not Verified

Digitally Signed By :Chandrasekaran
R
For Member Secretary
Tamil Nadu Pollution Control Board,
Chennai

Date: 2025.06.16 18:23:02 IST

Category of the Industry :

RED



CONSENT ORDER NO. 2501137401862 DATED: 11/06/2025.

PROCEEDINGS NO.T3/TNPCB/F.0999GMP/RL//GMP/W/2025 DATED: 11/06/2025

SUB: TNPC Board-Consent for Establishment-M/S SIPCOT INDUSTRIAL PARK, MANALLUR S.F No. 203/1, 204/2, 207/2, 208, 209/1, 209/3, 210/1, 210/3, 211, 212/1, 212/3, 213, 214, 215, 216/1, 216/3, 217/1, 217/3, 218/1, 218/3, 219/1, 220/1, 223/4, 224, 225/1, 226/1, 227/1, 227/3, 228, 229, 230, 231, 232, 233/1, 234/1, 234/3, 235/3, 236, 237/1, 237/3, 238, 239, 240, 241, 242, 243, 244, 245, 248, 249, 250, 252, 253, 270/1, 270/8, 274/1, 274/29 of Manallur village and SF No. 1, 2, 3, 4, 5, 6/2, 9/1, 9/3, 9/5, 9/6, 9/11, 10/4, 10/9, 12/2, 12/3, 12/4, 12/5, 12/6, 12/7, 12/8, 12/9, 12/10, 12/11, 12/12, 12/13, 12/14, 12/15, 12/16, 12/17, 13/1, 13/2, 13/3, 13/4, 13/5, 13/6, 13/7, 13/8, 13/9,15, 16/1, 37/1, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49 of Soorapoondi village , MANELLORE Village, Gummidipoondi Taluk, Tiruvallur 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. (Industry User ID- R21GMP37400982)

REF: 1. Unit’s CTE-New Application No. 37401862, dated: 12.03.2021 and application resubmitted on 30.04.2025
2. DEE GMP IR. No.: F.0999GMP / RL / DEE / GMP / 2025, dated: 02.05.2025
3. Minutes of the Technical Sub Committee Meeting vide Item No. 240-17, dated: 29.05.2025

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

The Managing Director,
SIPCOT INDUSTRIAL PARK, MANALLUR

Authorizing occupier to establish or take steps to establish the industry in the site mentioned below:
S.F No. 203/1, 204/2, 207/2, 208, 209/1, 209/3, 210/1, 210/3, 211, 212/1, 212/3, 213, 214, 215, 216/1, 216/3, 217/1, 217/3, 218/1, 218/3, 219/1, 220/1, 223/4, 224, 225/1, 226/1, 227/1, 227/3, 228, 229, 230, 231, 232, 233/1, 234/1, 234/3, 235/3, 236, 237/1, 237/3, 238, 239, 240, 241, 242, 243, 244, 245, 248, 249, 250, 252, 253, 270/1, 270/8, 274/1, 274/29 of Manallur village and SF No. 1, 2, 3, 4, 5, 6/2, 9/1, 9/3, 9/5, 9/6, 9/11, 10/4, 10/9, 12/2, 12/3, 12/4, 12/5, 12/6, 12/7, 12/8, 12/9, 12/10, 12/11, 12/12, 12/13, 12/14, 12/15, 12/16, 12/17, 13/1, 13/2, 13/3, 13/4, 13/5, 13/6, 13/7, 13/8, 13/9,15, 16/1, 37/1, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49 of Soorapoondi village
MANELLORE Village,
Gummidipoondi Taluk,
Tiruvallur District.

This Consent to establish is valid upto **November 09, 2030**, 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.

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.	It is an infrastructure development project in a total area of 279.995 Hectares (691.587 Acres). It involves the 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. 5(f) Non pharma industries such as Synthetic Acrylic polymers and resins, water proofing compounds synthetic adhesives etc., 2. Non EC Category industries such as E vehicle and its components manufacturing, Automobile and accessories manufacturing, Engineering and fabrication, Plastic Industries etc.,	279.995	Hectares
By-Product Details			
1.	NA	0	0
Intermediate Product Details			
1.	NA	0	0

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

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

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.	Treated Sewage from SIPCOT Administrative Building	0.85	On Industrys own land
Effluent Type : Trade Effluent - NILL			

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

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

5. **Additional Conditions:**

1. The developer shall comply with the provisions of EIA Notification 2006 as amended.
2. The developer shall strictly comply all the conditions stipulated in the Environmental Clearance obtained from MoEF&CC vide File No. 21-59/2015-IA.III Dated 10.11.2020 and in the Environmental Clearance amendment issued by the from MoEF&CC vide EC Identification No. EC24A3101TN5735699N dated 17.03.2025 at all times and shall furnish half yearly EC compliance report to MoEF&CC and TNPCB regularly.
3. The unit shall obtain prior approval from the MoEF&CC for any changes in the scope of the project for which Environmental clearance issued.
4. The issue of CTE to the project shall not be construed as CTO and the developer shall not commission the project without obtaining CTO from the Board.
5. The developer shall start its establishment activities only after getting the necessary project/building approvals from the competent authorities.
6. The developer shall furnish the building completion certificate as obtained from the competent authority while applying for CTO.
7. The developer shall not generate any trade effluent from the its activity at any point of time.
8. The developer shall provide Organic Waste Converter of adequate capacity to handle the Bio-degradable waste generated from the activity.
9. The developer shall not use single use plastics banned by Government of Tamil Nadu vide G.O.(Ms) No.84 Environment and Forests (EC.2) Departmentdated:25.06.2018 and by Government of India vide MoEF & CC NotificationNo.G.S.R571(E) dated: 12.08.2021.
10. The developer shall install rain water harvesting system within the premises so as to recharge the ground water.
11. In case of revision of consent fee by the Government, the unit shall remit the difference in amount within one month from the date of notification. Failing to remit the consent fee, this consent will be withdrawn without any notice and further action will be initiated against the unit as per law.
12. This consent order does not absolve this unit from obtaining necessary permission/clearance from other Authority or under other statues as applicable.

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.

To
The Managing Director,
M/s.SIPCOT INDUSTRIAL PARK, MANALLUR,
State Industries Promotion Corporation of Tamilnadu Limited, 19-A, Rukmani Lakshmi pathy Road, Egmore, Chennai
Pin: 600008

Copy to:

- 1.The Commissioner, GUMMUDIPOONDI-Panchayat Union, Gummidipoondi Taluk, Tiruvallur District .
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, GUMMIDIPOONDI.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chennai.
4. File

Signature Not Verified

Digitally Signed By :Chandrasekaran
R
For Member Secretary
Tamil Nadu Pollution Control Board,
Chennai

Date: 2025.06.16 18:24:33 IST



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TEST REPORT

Job No.	592/25-26	ULR No.	TC1513126000000987F	Report Date	07.03.2026
Sample Description	: Ambient Air Quality				
Customer Name	: M/s.SIPCOT Limited,				
Customer Address	: Manellore				
Sample Drawn by	: LES				
Date of Monitoring	: 27.02.2026 & 28.02.2026		Sampling Method	: LES/EN/GEN/SOP/002	
Location :Project Area			Temperature	:32.0°C	
Sample Code	: LES2602523		Humidity	:66%	
Sample Received On	:28.02.2026		Report Number	:LES0987	
Test Commenced On	:01.03.2026		Test Completed On	:07.03.2026	

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	17.2	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m ³	80.7	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m ³	8.4	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	µg/m ³	9.4	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.	592/25-26	ULR No.	TC151312600000988F	Report Date	07.03.2026
Sample Description	: Ambient Air Quality				
Customer Name	: M/s.SIPCOT Limited,				
Customer Address	: Manellore				
Sample Drawn by	: LES				
Date of Monitoring	: 27.02.2026 & 28.02.2026		Sampling Method	: LES/EN/GEN/SOP/002	
Location	: Eguvarpalayam		Temperature	: 32.0°C	
Sample Code	: LE52602524		Humidity	: 66%	
Sample Received On	: 28.02.2026		Report Number	: LE50988	
Test Commenced On	: 01.03.2026		Test Completed On	: 07.03.2026	

S.No	Description	Method of Reference	Units	Results	*Max Limits (CPCB)
1.	Particulate Matter PM 2.5	IS:5182 (Part-24)2019	µg/m³	18.9	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m³	76.9	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m³	10.5	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	µg/m³	10.0	80 (24 Hours) 40 (Annual)
5.	Carbon Monoxide as CO	IS:5182 (Part-10)1999	mg/m³	BLQ (LOQ:1.15)	02 (8 Hours) 04 (1 Hour)
6.	Ammonia as NH ₃	IS:5182 (Part-25)2018	µg/m³	BLQ (LOQ :20.0)	400 (24 Hours) 100 (Annual)
7.	Ozone as O ₃	IS:5182 (Part-9)1974	µg/m³	BLQ (LOQ :20.0)	180 (1 Hour) 100 (8 Hours)
8.	Lead as Pb	IS:5182 (Part-22)2004	µg/m³	BLQ (LOQ :0.001)	1.0 (24 Hours) 0.5 (Annual)
9.	Arsenic as As	AES/INS/AAS/SOP/004	ng/m³	BLQ (LOQ:0.1)	06 (Annual)
10.	Nickel as Ni	IS:5182 (Part-26)2020	ng/m³	BLQ (LOQ:5.0)	20 (Annual)
11.	Benzo (a) Pyrene Bap	IS:5182 (Part-12)2004	ng/m³	BLQ (LOQ :0.02)	01 (Annual)
12.	Benzene as C ₆ H ₆	IS:5182 (Part-11)2006	µg/m³	BLQ (LOQ :0.5)	05 (Annual)
13.	Total Volatile Organic Compounds	USEPA 21:2017	µg/m³	BLQ (LOQ:0.5)	---

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

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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Quality Manager

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TEST REPORT

Job No. 592/25-26 ULR No. TC151312600000989F Report Date 07.03.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Manellore	
Sample Drawn by	: LES	
Date of Monitoring	: 27.02.2026 & 28.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location :Manellore		Temperature :33.0°C
Sample Code	: LES2602525	Humidity :65%
Sample Received On	:28.02.2026	Report Number :LES0989
Test Commenced On	:01.03.2026	Test Completed On :07.03.2026

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	21.8	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m ³	79.1	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m ³	8.5	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NO _x	IS:5182 (Part-6)2006	µg/m ³	8.7	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.

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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1 of 1

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U.ANBARASAN
Quality Manager

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TEST REPORT

Job No. 592/25-26 ULR No. TC151312600000990F Report Date 07.03.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Manellore	
Sample Drawn by	: LES	
Date of Monitoring	: 27.02.2026 & 28.02.2026	Sampling Method : LES/EN/GEN/SOP/002
Location	: Nemalur	Temperature : 34.0°C
Sample Code	: LES2602526	Humidity : 70%
Sample Received On	: 28.02.2026	Report Number : LES0990
Test Commenced On	: 01.03.2026	Test Completed On : 07.03.2026

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	20.6	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m ³	73.9	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m ³	8.6	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NO _x	IS:5182 (Part-6)2006	µg/m ³	9.0	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
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End of Report
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U.ANBARASAN
Quality Manager

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TEST REPORT

Job No. 592/25-26 ULR No. TC151312600000991F Report Date 07.03.2026

Sample Description	: Ambient Air Quality	
Customer Name	: M/s.SIPCOT Limited,	
Customer Address	: Manellore	
Sample Drawn by	: LES	
Date of Monitoring	: 02.03.2026 & 03.03.2026	Sampling Method : LES/EN/GEN/SOP/002
Location	: Pondhavakkam	Temperature : 32.0°C
Sample Code	: LES2602527	Humidity : 70%
Sample Received On	: 04.03.2026	Report Number : LES0991
Test Commenced On	: 04.03.2026	Test Completed On : 07.03.2026

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	15.3	60 (24 Hours) 40 (Annual)
2.	Particulate Matter PM 10	IS:5182 (Part-23)2006	µg/m ³	80.2	100 (24 Hours) 60 (Annual)
3.	Sulphur Dioxide as SO ₂	IS:5182 (Part-2) Sec 1:2023	µg/m ³	8.9	80 (24 Hours) 50 (Annual)
4.	Nitrogen Dioxide as NOX	IS:5182 (Part-6)2006	µg/m ³	9.9	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



End of Report****
1 of 1

Authorized Signatory

U. ANBARASAN
Quality Manager

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TEST REPORT

Job No.	592/25-26	ULR No.	TC151312600000992F	Report Date	07.03.2026
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Sample Description : Ambient Noise Levels
Customer Name : M/s.SIPCOT Limited,
Customer Address : Manellore
Sample Drawn by : LES
Date of Monitoring : 27.02.2026 & 02.03.2026
Sample Code : LES2602528
Test Commenced On : 07.03.2026
Report Number : LES0992

Sampling Method : LES/EN/GEN/SOP/006
Test Method : IS: 9989-1981
Sample Received On : 02.03.2026
Test Completed On : 07.03.2026

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	43.0	52.5	48.6	36.1	42.4	39.4
2.	Eguvarpalayam	42.5	52.2	48.4	36.3	42.0	39.3
3.	Manellore	46.7	50.6	48.7	35.2	42.6	39.5
4.	Nemalur	41.2	53.9	49.6	37.1	41.4	39.3
5.	Pondhavakkam	41.1	51.9	47.1	36.2	42.3	39.7
LIMITS – INDUSTRIAL AREA		Day Time - Max		75 dB(A)	Night Time - Max		70 dB(A)
LIMITS – RESIDENTIAL AREA		Day Time - Max		55 dB(A)	Night Time - Max		45 dB(A)

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

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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End of Report

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U.ANBARASAN
Quality Manager

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

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TEST REPORT

Job No. 534/25-26 ULR No. TC1513126000000993F Report Date 20.02.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602529	Sample Condition : Clear Liquid
Sampling Date : 27.02.2026	Sample Received On: 28.02.2026
Test Commenced On: 28.02.2026	Test Completed On: 07.03.2026
Sampling Location : Project Site	Report Number: LES0993

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	63	500	2000
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	6.62	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	1.9	30	100
8.	Nitrate as NO ₃	APHA 24 th Edition 2023 4500 NO ₃ -B	mg/L	7	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	7.67	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

1 of 2



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TEST REPORT

Job No. 534/25-26 ULR No. TC1513126000000993F Report Date 20.02.2026

S.No	Description	Method of Reference	Units	Results	*Limits (Max)	**Limits (Max)
20.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	15.43	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	17	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	40	200	600
25.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	27.04	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	7.06	---	---
28.	Potassium as K	IS:3025 (Part-45)1993	mg/L	0.8	---	---
29.	Residual Sodium Carbonate	IS:11624-2019	meq/L	0.26	---	---
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	40	---	---
35.	Electrical Conductivity @25°C	IS:3025 (Part-14)2013	µs/cm	98	---	---
36.	Percent Sodium	AES/EN/WAT/SOP/001	%	35.4	---	---
37.	Total Phosphorous as P	IS:3025(Part-31) Sec 1:2022	mg/L	BLQ (LOQ:0.1)	---	---
38.	Sodium adsorption Ratio	IS:11624:2019	meq/L	1.44	---	---
39.	Dissolved Oxygen	IS:3025 (Part - 38) 1989	mg/L	6.4	---	---

*As Per IS 10500 Drinking Water Specification Acceptable Limits

** As Per IS 10500 Drinking Water Specification Permissible Limits

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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

End of Report***
2 of 2

U.ANBARASAN
Quality Manager

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TEST REPORT

Job No. 592/25-26 Report No. 26000000993 Report Date 07.03.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602529	Sample Condition : Clear Liquid
Sampling Date : 27.02.2026	Sample Received On: 28.02.2026
Test Commenced On: 28.02.2026	Test Completed On: 07.03.2026
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

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Quality Manager

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TEST REPORT

Job No. 534/25-26 ULR No. TC151312600000994F Report Date 20.02.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602530	Sample Condition : Clear Liquid
Sampling Date : 27.02.2026	Sample Received On: 28.02.2026
Test Commenced On: 28.02.2026	Test Completed On: 07.03.2026
Sampling Location : Manellore	Report Number: LES0994

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	385	500	2000
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	6.77	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	10.35	30	100
8.	Nitrate as NO ₃	APHA 24 th Edition 2023 4500 NO ₃ -B	mg/L	30	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	36.2	75	200
11.	Iron as Fe	IS:3025 (Part-53)2003	mg/L	BLQ (LOQ:0.05)	1.0	1.0
12.	Manganese as Mn	APHA 24 th Edition 2023 3111 B	mg/L	BLQ (LOQ:0.04)	0.1	0.3
13.	Arsenic as As	APHA 24 th Edition 2023 3114 C	mg/L	BLQ (LOQ:0.002)	0.01	0.05
14.	Mercury as Hg	APHA 24 th Edition 2023 3112 B	mg/L	BLQ (LOQ:0.0005)	0.001	0.001
15.	Copper as Cu	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.03)	0.05	1.5
16.	Zinc as Zn	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.02)	5	15
17.	Selenium as Se	APHA 24 th Edition 2023 3114 - C	mg/L	BLQ (LOQ:0.001)	0.01	0.01
18.	Boron as B	APHA 24 th Edition 2023 4500 B B	mg/L	BLQ (LOQ:0.1)	0.5	1.0
19.	Cyanide as CN	APHA 24 th Edition 4500 CN C,E:2023	mg/L	BLQ (LOQ:0.01)	0.05	0.05

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TEST REPORT

Job No. 534/25-26 ULR No. TC151312600000994F Report Date 20.02.2026

S.No	Description	Method of Reference	Units	Results	*Limits (Max)	**Limits (Max)
20.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	106.07	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	72	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	212.5	200	600
25.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	133.12	200	600
26.	Total Suspended Solids	IS:3025 (Part-17)2022	mg/L	BLQ (LOQ:1.0)	---	---
27.	Sodium as Na	IS:3025 (Part-45)1993	mg/L	53.13	---	---
28.	Potassium as K	IS:3025 (Part-45)1993	mg/L	7.01	---	---
29.	Residual Sodium Carbonate	IS:11624-2019	meq/L	1.59	---	---
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	212.5	---	---
35.	Electrical Conductivity @25°C	IS:3025 (Part-14)2013	µs/cm	602	---	---
36.	Percent Sodium	AES/EN/WAT/SOP/001	%	44.88	---	---
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	0.46	---	---
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

Verified by



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

U. ANBARASAN
Quality Manager

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TEST REPORT

Job No. 592/25-26 Report No. 26000000994 Report Date 07.03.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602530	Sample Condition : Clear Liquid
Sampling Date : 27.02.2026	Sample Received On: 28.02.2026
Test Commenced On: 28.02.2026	Test Completed On: 07.03.2026
Sampling Location : Manellore	

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

*As Per IS 10500 Drinking Water Specification Acceptable Limits

** As Per IS 10500 Drinking Water Specification Permissible Limits

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

Verified by

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



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U.ANBARASAN
Quality Manager

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TEST REPORT

Job No. 534/25-26 ULR No. TC1513126000000995F Report Date 20.02.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602531	Sample Condition : Clear Liquid
Sampling Date : 28.02.2026	Sample Received On: 28.02.2026
Test Commenced On: 01.03.2026	Test Completed On: 07.03.2026
Sampling Location : Nemalur	Report Number: LES0995

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	177	500	2000
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	6.5	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	2.53	30	100
8.	Nitrate as NO ₃	APHA 24 th Edition 2023 4500 NO ₃ -B	mg/L	18	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	12.48	75	200
11.	Iron as Fe	IS:3025 (Part-53)2003	mg/L	BLQ (LOQ:0.05)	1.0	1.0
12.	Manganese as Mn	APHA 24 th Edition 2023 3111 B	mg/L	BLQ (LOQ:0.04)	0.1	0.3
13.	Arsenic as As	APHA 24 th Edition 2023 3114 C	mg/L	BLQ (LOQ:0.002)	0.01	0.05
14.	Mercury as Hg	APHA 24 th Edition 2023 3112 B	mg/L	BLQ (LOQ:0.0005)	0.001	0.001
15.	Copper as Cu	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.03)	0.05	1.5
16.	Zinc as Zn	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.02)	5	15
17.	Selenium as Se	APHA 24 th Edition 2023 3114 - C	mg/L	BLQ (LOQ:0.001)	0.01	0.01
18.	Boron as B	APHA 24 th Edition 2023 4500 B B	mg/L	BLQ (LOQ:0.1)	0.5	1.0
19.	Cyanide as CN	APHA 24 th Edition 4500 CN C,E:2023	mg/L	BLQ (LOQ:0.01)	0.05	0.05

1 of 2



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TEST REPORT

Job No. 534/25-26 ULR No. TC151312600000995F Report Date 20.02.2026

S.No	Description	Method of Reference	Units	Results	*Limits (Max)	**Limits (Max)
20.	Chloride as Cl	IS:3025 (Part-32)1988	mg/L	25.07	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	44	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	100	200	600
25.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	41.6	200	600
26.	Total Suspended Solids	IS:3025 (Part-17)2022	mg/L	BLQ (LOQ:1.0)	---	---
27.	Sodium as Na	IS:3025 (Part-45)1993	mg/L	25.31	---	---
28.	Potassium as K	IS:3025 (Part-45)1993	mg/L	3.04	---	---
29.	Residual Sodium Carbonate	IS:11624-2019	meq/L	1.17	---	---
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	100	---	---
35.	Electrical Conductivity @25°C	IS:3025 (Part-14)2013	µs/cm	276	---	---
36.	Percent Sodium	AES/EN/WAT/SOP/001	%	54.78	---	---
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	2.08	---	---
39.	Dissolved Oxygen	IS:3025 (Part - 38) 1989	mg/L	6.5	---	---

*As Per IS 10500 Drinking Water Specification Acceptable Limits

** As Per IS 10500 Drinking Water Specification Permissible Limits

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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



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Authorized Signatory

U.ANBARASAN
Quality Manager

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TEST REPORT

Job No. 592/25-26 Report No. 26000000995 Report Date 07.03.2026

Sample Description: Ground Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Ground Water	Qty Sample Received: 5 Ltrs
Sample Code:LES2602531	Sample Condition : Clear Liquid
Sampling Date : 28.02.2026	Sample Received On: 28.02.2026
Test Commenced On: 01.03.2026	Test Completed On: 07.03.2026
Sampling Location : Nemalur	

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. 592/25-26 ULR No. TC151312600000996F Report Date 07.03.2026

Sample Description: Surface Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address : Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Surface Water	Qty Sample Received: 5 Ltrs
Sample Code: LES2602532	Sample Condition : Slightly Turbid Liquid
Sampling Date : 28.02.2026	Sample Received On: 28.02.2026
Test Commenced On: 01.03.2026	Test Completed On: 07.03.2026
Sampling Location : Near Pallavada Lake	Report Number: LES0996

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	170.24
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	6.71
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	3.75
7.	Nitrate as NO3	APHA 24th Edition 2023 4500 NO3-B	mg/L	3.4
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	14.98
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	15.43
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. 592/25-26 ULR No. TC151312600000996F Report Date 07.03.2026

S.No	Description	Method of Reference	Units	Results
20.	Sulphate as SO_4	APHA 24 th Edition 2023 4500 $\text{SO}_4 \text{ E}$	mg/L	25.54
21.	Phenolic Compound as $\text{C}_6\text{H}_5\text{OH}$	IS:3025(Part-43) Sec 1:2022	mg/L	BLQ(LOQ:0.001)
22.	Total Alkalinity as CaCO_3	IS:3025 (Part-23)2023	mg/L	39.16
23.	Total Hardness as CaCO_3	IS:3025 (Part-21)2009	mg/L	52
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	49.37
26.	Potassium as K	IS:3025 (Part-45)1993	mg/L	4.94
27.	Hexavalent Chromium as Cr^{6+}	IS:3025 (Part-52)2003	mg/L	BLQ(LOQ:0.02)
28.	Biochemical Oxygen Demand (3 days incubation @27°C)	IS:3025 (Part-44)2023	mg/L	BLQ(LOQ: 2.0)
29.	Chemical Oxygen Demand	IS:3025 (Part-58)2023	mg/L	BLQ(LOQ:4.0)
30.	Electrical Conductivity @25°C	IS:3025 (Part-14)2013	$\mu\text{S}/\text{cm}$	266
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	2.64
33.	Dissolved Oxygen	IS:3025 (Part - 38) 1989	mg/L	6.4

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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. 592/25-26 Report No. 26000000996 Report Date 07.03.2026

Sample Description: Surface Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address : Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Surface Water	Qty Sample Received: 5 Ltrs
Sample Code: LES2602532	Sample Condition : Slightly Turbid Liquid
Sampling Date : 28.02.2026	Sample Received On: 28.02.2026
Test Commenced On: 01.03.2026	Test Completed On: 07.03.2026
Sampling Location : Near Pallavada Lake	

S.No	Description	Method of Reference	Units	Results
1.	Lead as Pb	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.01)
2.	Cadmium as Cd	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.001)
3.	Total Chromium as Cr	APHA 24 th Edition 2023 3111 - B	mg/L	BLQ (LOQ:0.005)
4.	Nickel as Ni	APHA 24 th Edition 2023 3111 B	mg/L	BLQ (LOQ:0.01)
5.	Phosphate as PO ₄	IS:3025 (Part-31)Sec 1:2022	mg/L	BLQ (LOQ:0.3)
6.	Residual Sodium Carbonate	IS:11624-2019	meq/L	-0.27
7.	Percent Sodium	AES/EN/WAT/SOP/001	%	64.48
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	39.16

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

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TEST REPORT

Job No. 592/25-26 ULR No. TC151312600000997F Report Date 07.03.2026

Sample Description: Surface Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address : Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Surface Water	Qty Sample Received: 5 Ltrs
Sample Code: LES2602533	Sample Condition : Slightly Turbid Liquid
Sampling Date : 27.02.2026	Sample Received On: 28.02.2026
Test Commenced On: 28.02.2026	Test Completed On: 07.03.2026
Sampling Location : Lake Near Sanaputhur	Report Number: LES0997

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	309.12
4.	pH @ 25°C	IS:3025 (Part-11)2022	---	7.36
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	14.06
7.	Nitrate as NO3	APHA 24th Edition 2023 4500 NO3-B	mg/L	6.18
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	38.6
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	57.85
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. 592/25-26 ULR No. TC151312600000997F Report Date 07.03.2026

S.No	Description	Method of Reference	Units	Results
20.	Sulphate as SO ₄	APHA 24 th Edition 2023 4500 SO ₄ E	mg/L	30.91
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	105.1
23.	Total Hardness as CaCO ₃	IS:3025 (Part-21)2009	mg/L	120.64
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	77.28
26.	Potassium as K	IS:3025 (Part-45)1993	mg/L	7.73
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	483
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	0.54
33.	Dissolved Oxygen	IS:3025 (Part - 38) 1989	mg/L	6.1

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. 592/25-26 Report No. 1513126000000997 Report Date 07.03.2026

Sample Description: Surface Water	
Customer Name: M/s.SIPCOT Limited,	
Customer Address : Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/001
Sample Name: Surface Water	Qty Sample Received: 5 Ltrs
Sample Code: LES2602533	Sample Condition : Slightly Turbid Liquid
Sampling Date : 27.02.2026	Sample Received On: 28.02.2026
Test Commenced On: 28.02.2026	Test Completed On: 07.03.2026
Sampling Location : Lake Near Sanaputhur	

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	-0.98
7.	Percent Sodium	AES/EN/WAT/SOP/001	%	50.6
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	105.1

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



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Quality Manager

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TEST REPORT

Job No. 592/25-26 ULR No. TC151312600000998F Report Date 07.03.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602534	Sample Condition : Fit for analysis
Sampling Date : 27.02.2026	Sample Received On:28.02.2026
Test Commenced On:28.02.2026	Test Completed On:07.03.2026
Sampling Location : Project Area	Report Number: LES0998

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	7.42
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	283.2
3.	Total Sand	AES/EN/SLS/SOP/017	%	48
4.	Silt	AES/EN/SLS/SOP/017	%	15
5.	Clay	AES/EN/SLS/SOP/017	%	30
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.3
7.	Moisture	IS 2720 (Part - 2)1973	%	5.4
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	158
9.	Total Organic Carbon	AES/EN/SLS/SOP/019	%	0.66
10.	Total Organic matter	IS:2720 (Part -22)1972	%	1.14
11.	Available Potassium as K	AES/EN/SLS/SOP/018	mg/kg	16.14
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	133
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	21.6
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	5.6
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	6.4
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	24.6
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	28.3
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	23
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	15.5
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	4.5
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	7.2

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TEST REPORT

Job No. 592/25-26 Report No. 2600000998 Report Date 07.03.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602534	Sample Condition : Fit for analysis
Sampling Date : 27.02.2026	Sample Received On:28.02.2026
Test Commenced On:28.02.2026	Test Completed On:07.03.2026
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	1.6
3.	Colour	LES/EN/SLS/SOP/032	---	Brownish

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TEST REPORT

Job No. 592/25-26 ULR No. TC151312600000999F Report Date 07.03.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602535	Sample Condition : Fit for analysis
Sampling Date : 27.02.2026	Sample Received On:28.02.2026
Test Commenced On:28.02.2026	Test Completed On:07.03.2026
Sampling Location : Manellore	Report Number: LES0999

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	6.79
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	288
3.	Total Sand	AES/EN/SLS/SOP/017	%	53
4.	Silt	AES/EN/SLS/SOP/017	%	13
5.	Clay	AES/EN/SLS/SOP/017	%	30
6.	Bulk Density	AES/EN/SLS/SOP/001	---	53
7.	Moisture	IS 2720 (Part - 2)1973	%	4.5
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	142
9.	Total Organic Carbon	AES/EN/SLS/SOP/019	%	0.68
10.	Total Organic matter	IS:2720 (Part -22)1972	%	1.172
11.	Available Potassium as K	AES/EN/SLS/SOP/018	mg/kg	19.3
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	130
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	22
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	5.8
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	5.9
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	24.4
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	25.3
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	17
19.	Boron as B	AES/EN/SLS/SOP/015	mg/kg	0.7
20.	Chromium as Cr	USEPA 7000B & EPA 3050 B - 1996	mg/kg	17.7
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	2.7
23.	Copper as Cu	USEPA-7000B & EPA 3050 B - 1996	mg/kg	6.4

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TEST REPORT

Job No. 592/25-26 Report No. 26000000999 Report Date 07.03.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602535	Sample Condition : Fit for analysis
Sampling Date : 27.02.2026	Sample Received On:28.02.2026
Test Commenced On:28.02.2026	Test Completed On:07.03.2026
Sampling Location : Manellore	

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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TEST REPORT

Job No. 592/25-26 ULR No. TC1513126000001000F Report Date 07.03.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602536	Sample Condition : Fit for analysis
Sampling Date : 27.02.2026	Sample Received On:28.02.2026
Test Commenced On:28.02.2026	Test Completed On:07.03.2026
Sampling Location : Eguvarpalayam	Report Number: LES1000

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	6.84
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	350.6
3.	Total Sand	AES/EN/SLS/SOP/017	%	51
4.	Silt	AES/EN/SLS/SOP/017	%	11
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	%	4.6
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	150
9.	Total Organic Carbon	AES/EN/SLS/SOP/019	%	0.65
10.	Total Organic matter	IS:2720 (Part -22)1972	%	1.12
11.	Available Potassium as K	AES/EN/SLS/SOP/018	mg/kg	21.74
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	135
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	24
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	6.2
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	6.1
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	24.9
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	27.1
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	16.2
21.	Cadmium as Cd	USEPA 7000B & EPA 3050 B - 1996	mg/kg	BLQ (LOQ:2.0)
22.	Iron as Fe	USEPA 7000B & EPA 3050 B - 1996	mg/kg	3.8
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	6.9

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TEST REPORT

Job No. 592/25-26 Report No. 26000001000 Report Date 07.03.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602536	Sample Condition : Fit for analysis
Sampling Date : 27.02.2026	Sample Received On:28.02.2026
Test Commenced On:28.02.2026	Test Completed On:07.03.2026
Sampling Location : Eguvarpalayam	

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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TEST REPORT

Job No. 592/25-26 ULR No. TC1513126000001001F Report Date 07.03.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602537	Sample Condition : Fit for analysis
Sampling Date : 28.02.2026	Sample Received On:28.02.2026
Test Commenced On:01.03.2026	Test Completed On:07.03.2026
Sampling Location : Nemalur	Report Number: LES1001

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	7.03
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	301.8
3.	Total Sand	AES/EN/SLS/SOP/017	%	51
4.	Silt	AES/EN/SLS/SOP/017	%	13
5.	Clay	AES/EN/SLS/SOP/017	%	32
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.34
7.	Moisture	IS 2720 (Part - 2)1973	%	5
CHEMICAL PARAMETERS -				
8.	Manganese as Mn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	168
9.	Total Organic Carbon	AES/EN/SLS/SOP/019	%	0.69
10.	Total Organic matter	IS:2720 (Part -22)1972	%	1.19
11.	Available Potassium as K	AES/EN/SLS/SOP/018	mg/kg	20.52
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	138
13.	Exchangeable Calcium as Ca	AES/EN/SLS/SOP/011	mg/kg	21.8
14.	Exchangeable Magnesium as Mg	AES/EN/SLS/SOP/011	mg/kg	5.6
15.	Cation Exchange Capacity	EPA 9081:1986	meq/100g	5.8
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	25.1
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	25.2
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	25
19.	Boron as B	AES/EN/SLS/SOP/015	mg/kg	0.74
20.	Chromium as Cr	USEPA 7000B & EPA 3050 B - 1996	mg/kg	15
21.	Cadmium as Cd	USEPA 7000B & EPA 3050 B - 1996	mg/kg	BLQ (LOQ:2.0)
22.	Iron as Fe	USEPA 7000B & EPA 3050 B - 1996	mg/kg	5.3
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	7.4

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TEST REPORT

Job No. 592/25-26 Report No. 26000001001 Report Date 07.03.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602537	Sample Condition : Fit for analysis
Sampling Date : 28.02.2026	Sample Received On:28.02.2026
Test Commenced On:01.03.2026	Test Completed On:07.03.2026
Sampling Location : Nemalur	

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

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TEST REPORT

Job No. 592/25-26 ULR No. TC1513126000001002F Report Date 07.03.2026

Sample Description: Soil/ Sediments	
Customer Name: M/s.SIPCOT Limited,	
Customer Address: Manellore	
Sample Drawn by: LES	Sampling Method : LES/EN/GEN/SOP/009
Sample Name: Soil	Qty Sample Received: 2 Kgs
Sample Code: LES2602538	Sample Condition : Fit for analysis
Sampling Date : 02.03.2026	Sample Received On:02.03.2026
Test Commenced On:03.03.2026	Test Completed On:07.03.2026
Sampling Location : Pondhavakkam	Report Number: LES1002

S.No	Description	Method of Reference	Units	Results
PHYSICAL PARAMETERS				
1.	pH @25°C	IS:2720 (Part 26)1987	---	6.97
2.	Electrical Conductivity @25°C	IS:14767:2000	µs/cm	283.6
3.	Total Sand	AES/EN/SLS/SOP/017	%	54
4.	Silt	AES/EN/SLS/SOP/017	%	12
5.	Clay	AES/EN/SLS/SOP/017	%	30
6.	Bulk Density	AES/EN/SLS/SOP/001	---	1.3
7.	Moisture	IS 2720 (Part - 2)1973	%	4.8
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	%	1.15
11.	Available Potassium as K	AES/EN/SLS/SOP/018	mg/kg	17.02
12.	Total Nitrogen as N	IS:14684:1999	mg/kg	134
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	5.8
16.	Water Holding Capacity	AES/EN/SLS/SOP/005	%	24.7
17.	Available Phosphorous as P	AES/EN/SLS/SOP/012	mg/kg	24.8
18.	Zinc as Zn	USEPA 7000B & EPA 3050 B - 1996	mg/kg	20
19.	Boron as B	AES/EN/SLS/SOP/015	mg/kg	0.72
20.	Chromium as Cr	USEPA 7000B & EPA 3050 B - 1996	mg/kg	16.5
21.	Cadmium as Cd	USEPA 7000B & EPA 3050 B - 1996	mg/kg	BLQ (LOQ:2.0)
22.	Iron as Fe	USEPA 7000B & EPA 3050 B - 1996	mg/kg	3.5
23.	Copper as Cu	USEPA 7000B & EPA 3050 B - 1996	mg/kg	6.7

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.



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
www.lotusenviro.in ☎ +91 44 43539680

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

TEST REPORT

Job No.	592/25-26	Report No.	26000001002	Report Date	07.03.2026
Sample Description: Soil/ Sediments					
Customer Name: M/s.SIPCOT Limited,					
Customer Address: Manellore					
Sample Drawn by: LES			Sampling Method : LES/EN/GEN/SOP/009		
Sample Name: Soil			Qty Sample Received: 2 Kgs		
Sample Code: LES2602538			Sample Condition : Fit for analysis		
Sampling Date : 02.03.2026			Sample Received On:02.03.2026		
Test Commenced On:03.03.2026			Test Completed On:07.03.2026		
Sampling Location : Pondhavakkam					

S.No	Description	Method of Reference	Units	Results
1.	Soil Texture	LES/EN/SLS/SOP/030	---	Clay Loam
2.	Infiltration Rate	LES/EN/SLS/SOP/031	cm/hr	1.4
3.	Colour	LES/EN/SLS/SOP/032	---	Brownish

For LOTUS ENVIRO SYSTEMS PRIVATE LIMITED

Verified by



End of Report****

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.

SIPCOT – MANALLUR

ENVIRONMENTAL MONITORING PHOTOGRAPHS

AMBIENT AIR QUALITY MONITORING PHOTOGRAPHS:

Project Site



Eguvarpalayam



Manallur



Pondhavakkam



Nemalur



NOISE SAMPLING PHOTOGRAPH

Project site	Eguvarpalayam
 A photograph showing a person wearing a yellow hard hat and an orange safety vest, holding a clipboard and standing next to a noise measurement device mounted on a tripod. The device has a label that reads 'Puducherry, Tamil Nadu, India'.	 A photograph showing a person wearing a yellow hard hat and an orange safety vest, holding a clipboard and standing next to a noise measurement device mounted on a tripod. The device has a label that reads 'Puducherry, Tamil Nadu, India'.
Manallur	Pondhavakkam
 A photograph showing a person wearing a yellow hard hat and an orange safety vest, holding a clipboard and standing next to a noise measurement device mounted on a tripod. The device has a label that reads 'Manallur, Tamil Nadu, India'.	 A photograph showing a person wearing a yellow hard hat and an orange safety vest, holding a clipboard and standing next to a noise measurement device mounted on a tripod. The device has a label that reads 'Pondhavakkam, Tamil Nadu, India'.
Nemalur	
 A photograph showing a person wearing a yellow hard hat and an orange safety vest, holding a clipboard and standing next to a noise measurement device mounted on a tripod. The device has a label that reads 'Nemalur, Tamil Nadu, India'.	

SOIL SAMPLING PHOTOGRAPH

Project site	Eguvarpalayam
	
Manallur	Pondhavakkam
	
Nemalur	
	

GROUND WATER SAMPLING PHOTOGRAPHS

Project site	Manallur
 Tiruvallur, Tamil Nadu, India 28°10'N, 77°45'E 28.1666666666667, 77.75 Sat, 28 Oct 2023 10:04 AM GMT+5:30 Sat, 28 Oct 2023 10:04 AM GMT+5:30	 Tiruvallur, Tamil Nadu, India 28°10'N, 77°45'E 28.1666666666667, 77.75 Sat, 28 Oct 2023 10:04 AM GMT+5:30 Sat, 28 Oct 2023 10:04 AM GMT+5:30
Nemalur	
 Nemalur, Tamil Nadu, India 12°50'N, 78°00'E 12.8333333333333, 78.0 Sat, 28 Oct 2023 10:04 AM GMT+5:30 Sat, 28 Oct 2023 10:04 AM GMT+5:30	

SURFACE WATER SAMPLING PHOTOGRAPHS

Lake near Pallavada



Lake near Sanaputhur



SIPCOT | State Industries Promotion Corporation of Tamil Nadu

sipcotweb.tn.gov.in/Environment_clearance

Ask Gemini

Ask Google

Vallam Vadagal - II Kancheepuram	Manaparai Tiruchinappalli
Tindivanam Vilupuram	Manallur Tiruvallur
Thoothukudi - II Thoothukudi	Nemili Kancheepuram

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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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Office Address

Address
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LAKSHMIPATHY ROAD
EGMORE, CHENNAI - 600
008.

Phone
044-45261777

Email
tapals@sipcot.in

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Thiruvallur	Coimbatore
Dharmapuri Dharmapuri	Sivagangai Sivagangai
Manallur (Amended EC) Thiruvallur	Melur Madurai

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tapals@sipcot.in

COMPLIANCE REPORTS

Compliance Report - Thervoy Kandigai for Dec 2025		Compliance Report - Pillaipakkam for Dec 2025	
Compliance Report - Vallam Vadagal I for Dec 2025		Compliance Report - Vaipur Mathur for Dec 2025	
Compliance Report - Aerospace Park for Dec 2025		Compliance Report - Cheyyar for Dec 2025	
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	

- Resources**
- Environmental Clearance
 - Compliance Reports
 - Environment Policy

https://sipcotweb.tn.gov.in/upload/compliance_reports/23/Aerospace.pdf

Sr.No.	Proposal No. / Name of Project	Compliance No./ EC Letter Number	State and District	Year of Compliance	Period of Compliance	Remarks
1	IA/TN/NCP/27117/2015	EC/M/COMPLIANCE/638748178/2025	TAMIL NADU	2025	01 Dec(01 Apr - 30 Sep)	Submission of Half Yearly Compliance Report for SIPCOT Industrial Park, Manallur- December 2025 (for the period of April 2025 - September 2025)
	Development of Manallur Industrial Park in Gummidipoondi Taluk of District Thiruvallur, Tamil Nadu by M/s State Industries Promotion Corporation of Tamil Nadu (SIPCOT) Limited	21-59/2015-IA.III	THIRUVALLUR			



SIPCOT

EC/Manallur/HYC/ Dec /2025

Date: 28.11.2025

To,
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

Sir/Madam,

Sub: SIPCOT Industrial Park at Manallur – Submission of Half Yearly Compliance Report for December 2025 (i.e., for the period of April 2025 to September 2025) - Reg.

Ref: 1. EC obtained vide File No. 21-59/2015-IA.III Dated: 10.11.2020
2. EC Amendment obtained vide EC Identification No.EC24A3101TN5735699N; File No. 21-59/2015-IA.III Dated : 17.03.2025

With reference to the above, we hereby submit the Half Yearly Compliance Report for the Development of Industrial Park at Manallur and Soorapoondi Villages, Gummidipoondi Taluk, Thiruvallur 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 Chairman,
Tamil Nadu Pollution Control Board,
No-76, Mount Road, Guindy,
Chennai-600 032



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



EC SIPCOT <ec@sipcot.in>

SIPCOT Industrial Park, Manallur - 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 10:14 PM

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

Cc: PO Manallur <pomnl@sipcot.in>

Bcc: Sowmya <sowmya@itcot.com>

Sir/Madam,

Ref:

1. EC obtained from MoEF vide F.No-21-59/2015-IA.III dated: 10.11.2020
2. EC amendment obtained vide EC Identification No. EC24A3101TN5735699N ;File No. 21-59/2015-IA.III Dated : 17.03.2025

Please find attached the Half Yearly Environmental Clearance Compliance Report (Six Monthly Report) for December 2025 (i.e., for the period of April 2025 – September 2025) for "Development of SIPCOT Industrial Park at Manallur and Soorapoondi Villages, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu" along with the supporting documents for your perusal and records.

--

Thanks & Regards,
Environment Cell,
SIPCOT



 **Manallur HYC Dec 25.pdf**
13183K



SIPCOT

EC/I/362198/2025/MNL

Date: 29.09.2025

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

(By RPAP)

Sir,

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

Ref: MoEF&CC File No. 21-59/2015-IA.III dated 10.11.2020.

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 Manallur and Sooraipoondi Villages of Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu for the Financial Year ending 31st March 2025.

Yours faithfully,

CONSULTANT (PROJECT MANAGEMENT)

Encl: As above.



State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking)

CIN : U74999TN1971SGC005967

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

SIPCOT | State Industries Promotion Corporation of Tamil Nadu

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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

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END IN

05:38 PM 19-03-2026

தமிழ்நாடு தொழில் முன்னேற்ற நிறுவனம்
 சிப்காட் தொழிற் பூங்கா - மாநல்லூர்,
 கும்மிடிப்பூண்டி தாலுகா, திருவள்ளூர் மாவட்டம்.

சுற்றுச்சூழல் இசைவாணை

மத்திய சுற்றுச்சூழல் வனத்துறை மற்றும் பருவநிலை மாற்ற அமைச்சகம் F.No:21-59/2015-IA.III தேதி 10.11.2020 மூலம் மாநல்லூர் மற்றும் சூரபூண்டி கிராமம், கும்மிடிப்பூண்டி தாலுகா, திருவள்ளூர் மாவட்டத்தில் அமையவுள்ள தொழிற் பூங்காவிற்கு சுற்றுச்சூழல் இசைவாணை வழங்கியுள்ளது.

இசைவாணையின் முழுவிவரங்களை சிப்காட் இணையதளமான www.sipcot.tn.gov.in மற்றும் மத்திய சுற்றுச்சூழல் வனத்துறை மற்றும் பருவநிலை மாற்ற அமைச்சகத்தின் இணையதளமான www.environmentclearance.nic.in ஆகியவற்றில் பதிவிறக்கம் செய்து கொள்ளலாம். மேலும் இவ்விசைவாணையின் நகலினை இவ்வலுவலகத்திலும் பெற்றுக்கொள்ளலாம்.

மேலாண்மை இயக்குநர்,
 சிப்காட்,
 19-அ, ருக்மணி இலட்சுமிபதி சாலை,
 எழும்பூர், சென்னை-600 008.

செ.ம.தொ.இ/102/வனநகலை/2020

STATE INDUSTRIES PROMOTION CORPORATION OF TAMILNADU LIMITED
 SIPCOT INDUSTRIAL PARK - MANALLUR
 GUMMIDIPOONDI TALUK, THIRUVALLUR DISTRICT

ENVIRONMENTAL CLEARANCE

Environmental Clearance has been obtained for the Development of SIPCOT Industrial Park at Manallur and Soorapoondi Villages, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu from Ministry of Environment Forest and Climate Change (MoEF&CC), New Delhi vide File.No.: 21-59/2015-IA.III Dated 10.11.2020.

The contents of the Environmental Clearance can be downloaded from SIPCOT website www.sipcot.tn.gov.in and also in the MoEF&CC website www.environmentclearance.nic.in. Further the copies of the Environmental Clearance could be obtained from the Head Office of SIPCOT.

MANAGING DIRECTOR,
 SIPCOT,
 19A, RUKMANI LAKSHMIPATHY ROAD,
 EGMORE, CHENNAI-8.

DIPR/ 1102 /Display/2020

EC Amendment

NTL 10441. The body of a 10-year-old male student with severe otitis media surfaced in a forested area near Three Lagoons in the Tivoli district on Friday. With the help of his brother and two cousins, the boy was rescued from a 15-foot-deep Pond village area. Local police said the boy was playing alone when he drowned. Police said the boy was from the Tivoli district and was the son of a 30-year-old man and a 25-year-old woman. The boy was found about 100 meters from the shore of the pond. The boy was found with his head under water. The boy was found with his head under water. The boy was found with his head under water.



KANNADA UNIVERSITY
9th Floor, Gate No. 33, Room No. 901 (B & C Sections)
55 & 56 Building, Bangalore-560 001

**SELECTION OF VICE-CHANCELLOR OF
KANNADA CITY UNIVERSITY, BANGALORE**

Invitation of Applications for the Post of Vice-Chancellor,
Bangalore City University, Bangalore (see Section 14(B)
and 14(C) of Karnataka State University Act, 2000).

The Higher Education Department, Government of
Karnataka invites Applications for the Post of Vice-
Chancellor, Bangalore City University, Bangalore. The
application should be submitted within Thirty Days (30) from
the date of this notification. The detailed application form
and the further details are available on Higher Education
Department website <http://www.kannada.gov.in>

Sd/-
Principal Secretary to Government,
Higher Education Department

DDP/2017/AA/000000000000



**STATE INDUSTRIES PROMOTION
CORPORATION OF TAMIL NADU LIMITED**
15-A, ERODURAM LAKSHMINATHY ROAD,
BANGALORE, CHENNAI AND CSE,
CIN U14307TN15129GCB00001

**SIPCO INDUSTRIAL PARK
ENVIRONMENTAL CLEARANCE**

Advertisement in Environmental Clearance has been
obtained for the proposed Development of Industrial Park in
the area of 270.50 Hrs. (997.50) Acres at Manikar and
Sopanchandri Villages, Dindimurthi Taluk, Thanjavur
District, Tamil Nadu for the Ministry of Environment, Forest
and Climate Change (MUEFCC) vide EC Identification No.
EC2443181776515800N and File No. 21-82/2015-AJIL
dated 17.01.2016

The Advertisement in Environmental Clearance (EC) is
possible in the website of the Ministry of Environment, Forest
and Climate Change (MUEFCC). The clearance copy can
also be downloaded from the SIPCO website at
www.sipco.in/govin

Sd/-/12/01/2016/2016
MANAGING DIRECTOR

PUBLIC CAUTION NOTICE

General Public is hereby informed that, we "SEE SHAM
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("Affiliated") Institutions, Tamil Nadu, under MUJ Program.



State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking)

CIN : U74999TN1971SGC005967

Projects/EIA/Manallur/2020

Date: 18.11.2020

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

Sir,

Sub: SIPCOT - Development of Manallur Industrial Park - Copy of the Environmental Clearance issued by MoEF&CC - Forwarded - Reg.

Ref: EC File No.: 21-59/2015-IA.III dated 10.11.2020.

We wish to inform that, SIPCOT has obtained Environmental Clearance (EC) for development of New Industrial Park at Manallur and Soorapoondi Villages of Gummidipoondi Taluk, Thiruvallur District from the Ministry of Environment Forest and Climate Change (MoEF&CC), Government of India vide reference cited. A copy of the same is enclosed. Further, as per the EC Condition (Part B - Standard Conditions, Section XI: Miscellaneous) we request you to display the same for 30 days from the date of receipt of this letter.

Yours faithfully,

H. Prithiviah
GENERAL MANAGER (P-II)/c

Encl.: as above



State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking)

CIN : U74999TN1971SGC005967

Projects/EIA/Manallur/2020

Date: 18.11.2020

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 Manallur Industrial Park - Copy of the
Environmental Clearance issued by MoEF&CC - Forwarded - Reg.

Ref: EC File No.: 21-59/2015-IA.III dated 10.11.2020.

We wish to inform that, SIPCOT has obtained Environmental Clearance (EC) for development of New Industrial Park at Manallur and Soorapoondi Villages of Gummidipoondi Taluk, Thiruvallur District from the Ministry of Environment Forest and Climate Change (MoEF&CC), Government of India vide reference cited. A copy of the same is enclosed. Further, as per the EC Condition (Part B - Standard Conditions, Section XI: Miscellaneous) we request you to display the same for 30 days from the date of receipt of this letter.

Yours faithfully,

H. Prabhakaran
GENERAL MANAGER (P-II)/c

Encl.: As above.



State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking)

CIN : U74999TN1971SGC005967

Projects/EIA/Manallur/2020

Date: 18.11.2020

The President,
Soorapoondi Village Panchayat,
Gummidipoondi Taluk,
Thiruvallur District,
Tamil Nadu.

Sir,

Sub: SIPCOT – Development of Manallur Industrial Park – Copy of the
Environmental Clearance issued by MoEF&CC – Forwarded - Reg.

Ref: EC File No.: 21-59/2015-IA.III dated 10.11.2020.

We wish to inform that, SIPCOT has obtained Environmental Clearance for development of New Industrial Park at Manallur and Soorapoondi Villages of Gummidipoondi Taluk, Thiruvallur District from the Ministry of Environment Forest and Climate Change (MoEF&CC), Government of India vide reference cited. A copy of the same is enclosed.

Yours faithfully,

J. Prabhavathy
GENERAL MANAGER (P-II)/c

Encl.: as above

Copy to:

The Project Officer,
SIPCOT Industrial Complex,
Gummidipoondi.



State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking)

CIN : U74998TN1971SGC005967

Projects/EIA/Manallur/2020

Date: 18.11.2020

The President,
Soorapoondi Village Panchayat,
Gummidipoondi Taluk,
Thiruvallur District,
Tamil Nadu.

Sir,

Sub: SIPCOT – Development of Manallur Industrial Park – Copy of the Environmental Clearance issued by MoEF&CC – Forwarded - Reg.

Ref: EC File No.: 21-59/2015-IA.III dated 10.11.2020.

We wish to inform that, SIPCOT has obtained Environmental Clearance for development of New Industrial Park at Manallur and Soorapoondi Villages of Gummidipoondi Taluk, Thiruvallur District from the Ministry of Environment Forest and Climate Change (MoEF&CC), Government of India vide reference cited. A copy of the same is enclosed.

Yours faithfully,

H. Prashanth
GENERAL MANAGER (P-II)/c

Encl.: as above

Copy to:

The Project Officer,
SIPCOT Industrial Complex,
Gummidipoondi.

- To hand over a copy of the Environmental Clearance to the Soorapoondi Panchayat with due acknowledgement and send a report to the H.O.



State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking)

CIN : U74999TN1971SGC005967

Projects/EIA/Manallur/2020

Date: 18.11.2020

The President,
Manallur Village Panchayat,
Gummidipoondi Taluk,
Thiruvallur District,
Tamil Nadu.

Sir,

Sub: SIPCOT – Development of Manallur Industrial Park – Copy of the
Environmental Clearance issued by MoEF&CC – Forwarded - Reg.

Ref: EC File No.: 21-59/2015-IA.III dated 10.11.2020.

We wish to inform that, SIPCOT has obtained Environmental Clearance for development of New Industrial Park at Manallur and Soorapoondi Villages of Gummidipoondi Taluk, Thiruvallur District from the Ministry of Environment Forest and Climate Change (MoEF&CC), Government of India vide reference cited. A copy of the same is enclosed.

Yours faithfully,

H. Prabhakaran
GENERAL MANAGER (P-II)/c

Encl.: as above

Copy to:

The Project Officer,
SIPCOT Industrial Complex,
Gummidipoondi



State Industries Promotion Corporation of Tamil Nadu Limited

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CIN : U74999TN1971SGC005967

Projects/EIA/Manallur/2020

Date: 18.11.2020

The President,
Manallur Village Panchayat,
Gummidipoondi Taluk,
Thiruvallur District,
Tamil Nadu.

Sir,

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Ref: EC File No.: 21-59/2015-IA.III dated 10.11.2020.

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Yours faithfully,

H. Prabhawaty
GENERAL MANAGER (P-II)i/c

Encl.: as above

Copy to:

The Project Officer,
SIPCOT Industrial Complex,
Gummidipoondi

- To hand over a copy of the Environmental Clearance to the Manallur Panchayat with due acknowledgement and send a report to the H.O.



State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking)

CIN : U74999TN1971SGC005967

Projects/EIA/Manallur/2020

Date: 18.11.2020

The Block Development Officer,
Manallur & Soorapoondi Villages,
Gummidipoondi Taluk,
Thiruvallur District,
Tamil Nadu.

Sir,

Sub: SIPCOT – Development of Manallur Industrial Park – Copy of the
Environmental Clearance issued by MoEF&CC – Forwarded - Reg.

Ref: EC File No.: 21-59/2015-IA.III dated 10.11.2020.

We wish to inform that, SIPCOT has obtained Environmental Clearance for development of New Industrial Park at Manallur and Soorapoondi Villages of Gummidipoondi Taluk, Thiruvallur District from the Ministry of Environment Forest and Climate Change (MoEF&CC), Government of India vide reference cited. A copy of the same is enclosed.

Yours faithfully,

H. Pradeepan
GENERAL MANAGER (P-II)/c

Encl.: as above

Copy to:

The Project Officer,
SIPCOT Industrial Complex,
Gummidipoondi



State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking)

CIN : U74999TN1971SGC005967

Projects/EIA/Manallur/2020

Date: 18.11.2020

The Block Development Officer,
Manallur & Soorapoondi Villages,
Gummidipoondi Taluk,
Thiruvallur District,
Tamil Nadu.

Sir,

Sub: SIPCOT – Development of Manallur Industrial Park – Copy of the Environmental Clearance issued by MoEF&CC – Forwarded - Reg.

Ref: EC File No.: 21-59/2015-IA.III dated 10.11.2020.

We wish to inform that, SIPCOT has obtained Environmental Clearance for development of New Industrial Park at Manallur and Soorapoondi Villages of Gummidipoondi Taluk, Thiruvallur District from the Ministry of Environment Forest and Climate Change (MoEF&CC), Government of India vide reference cited. A copy of the same is enclosed.

Yours faithfully,

H. Prathapathy
GENERAL MANAGER (P-II)/c

Encl.: as above

Copy to:

The Project Officer,
SIPCOT Industrial Complex,
Gummidipoondi

- To hand over a copy of the Environmental Clearance to the BDO with due acknowledgement and send a report to the H.O.



State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking)

CIN : U74999TN1971SGC005967

Projects/EIA/Manallur/2020

Date: 18.11.2020

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

/RPAD/

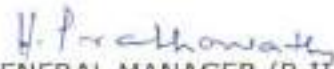
Sir,

Sub: SIPCOT – Development of Manallur Industrial Park – Copy of the Environmental Clearance issued by MoEF&CC – Forwarded - Reg.

Ref: EC File No.: 21-59/2015-IA.III dated 10.11.2020.

We wish to inform that, SIPCOT has obtained Environmental Clearance for development of New Industrial Park at Manallur and Soorapoondi Villages of Gummidipoondi Taluk, Thiruvallur District from the Ministry of Environment Forest and Climate Change (MoEF&CC), Government of India vide reference cited. A copy of the same is enclosed. Further, as per the EC Condition (Part B - Standard Conditions, Section XI: Miscellaneous) we request you to display the same for 30 days from the date of receipt of this letter.

Yours faithfully,


GENERAL MANAGER (P-II)/c

Encl.: as above



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STATE INDUSTRIES PROMOTION CORPORATION OF TAMILNADU LIMITED

(A Government of Tamil Nadu under Taking)

PROJECT OFFICE: SIPCOT INDUSTRIAL PARK, MANALLUR

Gummidipoondi Taluk, Thiruvallur District- 601 201

Email: pomnl@sipcot.in CIN:U74999TN1971SGC005967

Regd.office:19-A, Rukmani Lakshmiipathy Road, Post Box No: 7223, Egmore, Chennai-600 008.
Phone:28554787, Fax:044-28513978, Website: www.sipcot.tn.gov.in

சுடித ந.க.எண்.தி.அ/சிப்காட்/மா.நெ/சுற்றுச்சூழல்/2025 நாள் : 21.03.2025

பெறுநர்:

ஊராட்சி மன்ற செயலாளர்,
குரப்பூண்டி ஊராட்சி மன்றம்,
கும்மிடிப்பூண்டி வட்டம்,
திருவள்ளூர் மாவட்டம்.

ஐயா,

பொருள்: சிப்காட் - திருவள்ளூர் மாவட்டம், கும்மிடிப்பூண்டி தாலுகா, மாநல்லூர் மற்றும் குரப்பூண்டி ஆகிய கிராமங்களில் 279.995 ஹெக்டேர் (691.587 ஏக்கர்) பரப்பளவில், சுற்றுச்சூழல் வனம் மற்றும் காலநிலை மாற்றம் அமைச்சகத்திடம் திருத்திய சுற்றுச்சூழல் இன்சவாணை பெறப்பட்டது சமர்ப்பித்தல் தொடர்பாக.

குறிப்பு: சுற்றுச்சூழல் வனம் மற்றும் காலநிலை மாற்றம் அமைச்சகத்தின் திருத்திய சுற்றுச்சூழல் அனுமதி அடையாள எண் EC24A3101TN5735699N நாள் 17.03.2025.

சுற்றுச்சூழல் வனம் மற்றும் காலநிலை மாற்றம் அமைச்சகம், அடையாள எண்: EC24A3101TN5735699N மற்றும் கோப்பு எண்: 21-59/2015-IA.III தேதி: 17.03.2025 மூலம் திருவள்ளூர் மாவட்டம், கும்மிடிப்பூண்டி தாலுகா, மாநல்லூர் மற்றும் குரப்பூண்டி ஆகிய கிராமங்களில் 279.995 ஹெக்டேர் (691.587 ஏக்கர்) பரப்பளவில் சிப்காட் தொழிற்பூங்கா அமைப்பதற்கான திருத்திய சுற்றுச்சூழல் இன்சவாணை வழங்கியுள்ளது.

திருத்திய சுற்றுச்சூழல் அனுமதியில் குறிப்பிடப்பட்டுள்ள நிபந்தனைகளுக்கு இணங்க, திட்ட முன்மொழிபவர் சுற்றுச்சூழல் அனுமதியின் நகலை உள்ளாட்சி அமைப்புகள், பஞ்சாயத்து மற்றும் நகராட்சி அமைப்புகளின் தலைவர்களிடம் சமர்ப்பிக்க வேண்டும். மேலும், மேற்குறிப்பிட்ட அமைப்புகள் 30 நாட்களுக்கு சுற்றுச்சூழல் அனுமதியை பொதுமக்களுக்கு காட்சிப்படுத்த வேண்டும்.

இது சம்பந்தமாக, திருத்திய சுற்றுச்சூழல் அனுமதியின் நகலை உங்கள் பார்வைக்காக இணைத்துள்ளோம்.

[Signature]
திட்ட அலுவலர்,

சிப்காட் தொழிற்பூங்கா,
மாநல்லூர்

இணைப்பு: மேலே குறிப்பிடப்பட்டுள்ளபடி.





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STATE INDUSTRIES PROMOTION CORPORATION OF TAMILNADU LIMITED
(A Government of Tamil Nadu under Taking)
PROJECT OFFICE: SIPCOT INDUSTRIAL PARK, MANALLUR
Gummidipoondi Taluk, Thiruvallur District- 601 201
Email: pomni@sipcot.in CIN:U74999TN1971SGC005967

Regd.office:19-A, Rukmani Lakshmi pathy Road, Post Box No: 7223, Egmore, Chennai-600 008.
Phone:28554787, **Fax:**044-28513978, **Website:** www.sipcot.tn.gov.in

சுற்றுச்சூழல்/மா.நெ/சுற்றுச்சூழல்/2025 நாள் : 21.03.2025
பெறுநர்:

ஊராட்சி மன்ற செயலாளர்,
மாநல்லூர் ஊராட்சி மன்றம்,
கும்மிடிப்பூண்டி வட்டம்,
திருவள்ளூர் மாவட்டம்.

ஐயா,

பொருள்: சிப்காட் - திருவள்ளூர் மாவட்டம், கும்மிடிப்பூண்டி தாலுகா, மாநல்லூர் மற்றும் குரப்பூண்டி ஆகிய கிராமங்களில் 279.995 ஹெக்டேர் (691.587 ஏக்கர்) பரப்பளவில், சுற்றுச்சூழல் வனம் மற்றும் காலநிலை மாற்றம் அமைச்சகத்திடம் திருத்திய சுற்றுச்சூழல் இசைவாணை பெறப்பட்டது சமர்ப்பித்தல் தொடர்பாக.

குறிப்பு: சுற்றுச்சூழல் வனம் மற்றும் காலநிலை மாற்றம் அமைச்சகத்தின் திருத்திய சுற்றுச்சூழல் அனுமதி அடையாள எண் EC24A3101TN5735699N நாள் 17.03.2025.

சுற்றுச்சூழல் வனம் மற்றும் காலநிலை மாற்றம் அமைச்சகம், அடையாள எண்: EC24A3101TN5735699N மற்றும் கோப்பு எண்: 21-59/2015-IA.III தேதி: 17.03.2025 மூலம் திருவள்ளூர் மாவட்டம், கும்மிடிப்பூண்டி தாலுகா, மாநல்லூர் மற்றும் குரப்பூண்டி ஆகிய கிராமங்களில் 279.995 ஹெக்டேர் (691.587 ஏக்கர்) பரப்பளவில் சிப்காட் தொழிற்பூங்கா அமைப்பதற்கான திருத்திய சுற்றுச்சூழல் இசைவாணை வழங்கியுள்ளது.

திருத்திய சுற்றுச்சூழல் அனுமதியில் குறிப்பிடப்பட்டுள்ள நிபந்தனைகளுக்கு இணங்க, திட்ட முன்மொழிபவர் சுற்றுச்சூழல் அனுமதியின் நகலை உள்ளாட்சி அமைப்புகள், பஞ்சாயத்து மற்றும் நகராட்சி அமைப்புகளின் தலைவர்களிடம் சமர்ப்பிக்க வேண்டும். மேலும், மேற்குறிப்பிட்ட அமைப்புகள் 30 நாட்களுக்கு சுற்றுச்சூழல் அனுமதியை பொதுமக்களுக்கு காட்சிப்படுத்த வேண்டும்.

இது சம்பந்தமாக, திருத்திய சுற்றுச்சூழல் அனுமதியின் நகலை உங்கள் பார்வைக்காக இணைத்துள்ளோம்.

S. Jeyaraj
திட்ட அலுவலர்,
சிப்காட் தொழிற்பூங்கா,
மாநல்லூர்

இணைப்பு: மேலே குறிப்பிடப்பட்டுள்ளபடி.

M. Sulekha
21/3/25
parashy Seachy
Soraipoondi parashy





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STATE INDUSTRIES PROMOTION CORPORATION OF TAMILNADU LIMITED

(A Government of Tamil Nadu under Taking)

PROJECT OFFICE: SIPCOT INDUSTRIAL PARK, MANALLUR

Gummidipoondi Taluk, Thiruvallur District- 601 201

Email: pomnl@sipcot.in CIN:U74999TN1971SGC005967

Regd.office: 19-A, Rukmani Lakshmipathy Road, Post Box No: 7223, Egmore, Chennai-600 008.
Phone: 28554787, **Fax:** 044-28513978, **Website:** www.sipcot.tn.gov.in

கடித ந.க.எண்.தி.அ/சிப்காட்/மா.நெ/சுற்றுச்சூழல்/2025 நாள் : 21.03.2025

பெறுநர்:

வட்டார வளர்ச்சி அலுவலர்,
கும்மிடிப்பூண்டி ஊராட்சி ஒன்றியம்,
கும்மிடிப்பூண்டி வட்டம்,
திருவள்ளூர் மாவட்டம்.

ஐயா,

பொருள்: சிப்காட் - திருவள்ளூர் மாவட்டம், கும்மிடிப்பூண்டி தாலுகா, மாநல்லூர் மற்றும் குரப்பூண்டி ஆகிய கிராமங்களில் 279.995 ஹெக்டேர் (691.587 ஏக்கர்) பரப்பளவில், சுற்றுச்சூழல் வனம் மற்றும் காலநிலை மாற்றம் அமைச்சகத்திடம் திருத்திய சுற்றுச்சூழல் இசைவாணை பெறப்பட்டது சமர்ப்பித்தல் தொடர்பாக.

குறிப்பு: சுற்றுச்சூழல் வனம் மற்றும் காலநிலை மாற்றம் அமைச்சகத்தின் திருத்திய சுற்றுச்சூழல் அனுமதி அடையாள எண் EC24A3101TN5735699N நாள் 17.03.2025.

சுற்றுச்சூழல் வனம் மற்றும் காலநிலை மாற்றம் அமைச்சகம், அடையாள எண்: EC24A3101TN5735699N மற்றும் கோப்பு எண்: 21-59/2015-IA.III தேதி: 17.03.2025 மூலம் திருவள்ளூர் மாவட்டம், கும்மிடிப்பூண்டி தாலுகா, மாநல்லூர் மற்றும் குரப்பூண்டி ஆகிய கிராமங்களில் 279.995 ஹெக்டேர் (691.587 ஏக்கர்) பரப்பளவில் சிப்காட் தொழிற்பூங்கா அமைப்பதற்கான திருத்திய சுற்றுச்சூழல் இசைவாணை வழங்கியுள்ளது.

திருத்திய சுற்றுச்சூழல் அனுமதியில் குறிப்பிடப்பட்டுள்ள நிபந்தனைகளுக்கு இணங்க, திட்ட முன்மொழிபவர் சுற்றுச்சூழல் அனுமதியின் நகலை உள்ளாட்சி அமைப்புகள், பஞ்சாயத்து மற்றும் நகராட்சி அமைப்புகளின் தலைவர்களிடம் சமர்ப்பிக்க வேண்டும். மேலும், மேற்குறிப்பிட்ட அமைப்புகள் 30 நாட்களுக்கு சுற்றுச்சூழல் அனுமதியை பொதுமக்களுக்கு காட்சிப்படுத்த வேண்டும்.

இது சம்பந்தமாக, திருத்திய சுற்றுச்சூழல் அனுமதியின் நகலை உங்கள் பார்வைக்காக இணைத்துள்ளோம்.

S. Jeyaraj
திட்ட அலுவலர்,

சிப்காட் தொழிற்பூங்கா,
மாநல்லூர்

இணைப்பு: மேலே குறிப்பிடப்பட்டுள்ளபடி.



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.

EXTRACT OF MINUTES OF THE 491ST BOARD MEETING OF SIPCOT HELD AT 4.00 P.M. ON FRIDAY, THE 29TH MAY, 2020 AT THE CONFERENCE HALL, INDUSTRIES DEPARTMENT, SECRETARIAT, CHENNAI-9

DIRECTORS PRESENT (IN PERSON)	1. Thiru N. Muruganandam, IAS, Principal Secretary/Chairman 2. Thiru J. Kumaragurubaran, IAS, Managing Director 3. Thiru. S. Krishnan, IAS, Director 4. Tmt. Kakarla Usha, IAS, Director 5. Tmt. Anu George, IAS, Director 6. Tmt. R. Gajalakshmi, IAS, Director 7. Dr. K.P. Karthikeyan, IAS, Director
DIRECTORS PRESENT (ONLINE)*	8. Dr. M. Aarthi, IAS, Director 9. Tmt. M.A. Helen, Director 10. Thiru. S. Kumararajan, Independent Director 11. Dr. A. Jebamalar, Independent Director 12. Thiru S.V. Arumugam, Independent Director 13. Dr. N. Sundaradevan, IAS (Retd.), Independent Director
IN ATTENDANCE:	Thiru. SP. Meyyappan, Consultant (Operations) Tmt. S. Shoba, GM(F) /CFO Tmt. H. Prabhavathy, GM(P-II) i/c Thiru A.R. Chandramohan, GM(P-III) i/c Tmt. M.G. Shanthi, Company Secretary

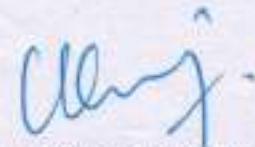
* Ministry of Corporate Affairs in its circular dated 19.3.2020 and 5.5.2020 relaxed the requirement of holding Board Meetings with physical presence of Directors for approval and also encouraged Companies to hold meetings through Video Conferencing or through audio-visual means.

9. SIPCOT INDUSTRIAL COMPLEXES/PARKS/GROWTH CENTRES – DRAFT ENVIRONMENT POLICY - APPROVAL – REG.

Board deliberated the draft environment policy as annexed in the Board note and passed the following:

"RESOLVED to approve the Environmental Policy of SIPCOT as annexed in the Board note and authorize Managing Director to implement the same."

//TRUE COPY//


COMPANY SECRETARY

By E-mail only

Ref No.
WL5/HOTNFD/305/2024

O/o. Principal Chief Conservator Forests
(HoFF),
State Forest Headquarters,
Guindy-Velachery Main Road,
Chennai - 600 032
Dated: 21-09-2024

Sub: Forests – Wildlife – SIPCOT – Revised Conservation Plan for the proposed “Development of Industrial Park at Manallur and Soorapoondi Villages, Gummidipoondi Taluk, Tiruvallur prepared by SACON – Approval requested – Regrading.

Ref: Managing Director, SIPCOT, Chennai Ref. No. P-III_B/EC/Manallur/SACON/2024 dated 29-08-2024.

* * * *

With reference to the above, it is informed that the conservation plan prepared by SACON and submitted the same vide reference cited for the proposed “Development of Industrial Park at Manallur and Soorapoondi villages, Gummidipoondi Taluk, Thiruvallur District over an extent of 279.995 Ha (691.587 Acres) is hereby recommend without any other additional conditions.

The conservation plan is to be implemented along with Wildlife Warden, Chennai.

Principal Chief Conservator of Forests
and Chief Wildlife Warden

To

The Managing Director,
SIPCOT, 19-A, Rukmani Lakshmipathy Road,
Egmore, Chennai.

Copy to the Additional Principal Chief Conservator of Forests and Director, Arignar Anna Zoological Park, Vandalur, Chennai for information.

Copy to the Wildlife Warden, Chennai for information.

F.No.WL-6/16/2024-WL
Government of India
Ministry of Environment, Forests and Climate Change
(Wildlife Division)

2nd Floor, Vayu Wing,
Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi 110003.

Date: 7th Feb, 2024

To,

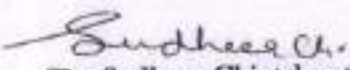
All Members
Standing Committee of NBWL

Sub: Minutes of 77th Meeting of the Standing Committee of National Board for Wild Life-reg.

Sir/Madam,

Kindly find enclosed copy of the Minutes of 77th Meeting of the Standing Committee of National Board for Wild Life held on 30th January, 2024 under the Chairmanship of Hon'ble Minister of Environment, Forest and Climate Change, Government of India.

Yours faithfully,


(Dr. Sudheer Chintalapati)
Scientist E
Email: adwl-mcfcc@gov.in

Encl: As above

Distribution:

1. Secretary, MoEF & CC
2. DGF&SS, MoEF&CC
3. ADGF (WL), MOEF&CC
4. ADGF (FC), MoEF&CC
5. Member Secretary, NTCA
6. Director/IGF, PE Division, MoEF&CC
7. Director, WII, Dehradun
8. Director, GEFER Foundation, Gandhinagar
9. Dr. R. Sukumar, Member, NBWL
10. Dr. H.S. Singh, Member, NBWL
11. Secretary, Environment, Forest, Science and Technology Department, Govt. of Andhra Pradesh.

77.5.56 Proposal for use of 279.995Ha. (691.587Acres) non-forest land for development of Industrial Park at Manallur and Soorapoondi villages, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu in the default ESZ at a distance of 5 km from Pulicat Lake Bird Sanctuary.

WL/TN/INFRA/435801/2023

The Standing Committee was informed that the proposal is for use of 279.995 Ha. (691.587Acres) non-forest land for development of Industrial Park at Manallur and Soorapoondi villages, Gummidipoondi Taluk, Thiruvallur District, Tamil Nadu in the default ESZ at a distance of 5 km from Pulicat Lake Bird Sanctuary.

The proposal has been recommended by Chief Wild Life Warden, the State Board for Wild Life and the State Government.

A similar proposal WL/TN/INFRA/442689/2023 was discussed in the 75th meeting of the Standing Committee wherein the Standing Committee decided that a site inspection committee constituted by the Ministry shall carry out inspection and submit report and therefore, deferred the matter for the next meeting. Accordingly, the Ministry vide OM 6-170/2023 dated 19.12.2023 constituted a site inspection committee comprising of Dr. R. Sukumar and representative of the Regional Office, Chennai for inspecting both the sites. The committee carried out inspection on 08.01.2024 in the presence of officials from the User Agency. The committee made several observations and recommendations as has already been elaborated in case of WL/TN/INFRA/442689/2023 discussed as part of the Action Taken Report.

Dr. R. Sukumar mentioned that the project is proposed to be located in the default ESZ of the Pulicat Lake Bird Sanctuary.

Decision Taken: After discussions, the Standing Committee decided to recommend the proposal subject to the following conditions:

1. The project proponent shall obtain all other statutory clearance and also submit and implement Impact Mitigation Plan of Marine and Wildlife Conservation of Pulicat Bird Sanctuary.
2. The project proponent shall submit an undertaking stating that no disturbance will be caused to the wildlife during project implementation.

3. Any other conditions stipulated by the Additional Principal Chief Conservator of Forests and Director, Arignar Anna Zoological Park / Wild Life Warden, Chennai shall be followed.
4. An annual compliance certificate on the stipulated conditions shall be submitted by the User Agency to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Government of India.

77.5.57 Proposal from Tvl. Amman Granites, Ajjanahalli Black Granite (Dolerite) Quarry Project over an Extent of 4.91.5Ha of Government Poramboke land in S.F.No.856 (Part) of Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District in default ESZ about 6.43 km from Cauvery South Wildlife Sanctuary, Tamil Nadu

WL/TN/MIN/QRY/436061/2023

The Standing Committee was informed that the proposal is from Tvl. Amman Granites, Ajjanahalli Black Granite (Dolerite) Quarry Project over an Extent of 4.91.5Ha of Government Poramboke land in S.F.No.856 (Part) of Ajjanahalli Village, Pennagaram Taluk, Dharmapuri District in default ESZ about 6.43 km from Cauvery South Wildlife Sanctuary, Tamil Nadu.

The proposal has been recommended by Chief Wild Life Warden, the State Board for Wild Life and the State Government.

Decision Taken: After discussions, the Standing Committee decided to recommend the proposal subject to the following conditions:

1. The project proponent shall obtain all other statutory clearances, impact mitigation and wildlife conservation plan of Cauvery South Wildlife Sanctuary, Google map with GPS coordinates along with Land use pattern map.
2. Any other condition stipulated by the Conservator of Forests / District Forest Officer shall be followed.
3. The project proponent shall submit an undertaking stating that no disturbance will be caused to the wildlife during project implementation.
4. An annual compliance certificate on the stipulated conditions shall be submitted by the User Agency to the State Chief Wild Life Warden and an annual compliance certificate shall be submitted by the State Chief Wild Life Warden to Government of India.

Ref No. WL5/24360/2023

O/o. Principal Chief Conservator Forests (HoFF),
State Forest Headquarters,
Guindy-Velachery Main Road,
Chennai - 600 032 Dated: 12-02-2024

Sub: Forests - Wildlife - Proposal for development of Industrial Park at Manallur, Soorapoondi Village of Gummidipondi Taluk of Thiruvallur District over an extent of 279.995 Ha by SIPCOT - Regarding.

Ref: 1) Wildlife Warden, Chennai Ref. No. 2885/2020/D dated 31-08-2023
2) Government of India, Ministry of Environment Forests and Climate Change, New Delhi letter F. No. WL-6/16/2024-WL dated 07-02-2024.

Attention of the Wildlife Warden, Chennai is invited to the references cited. It is informed that the Standing Committee of National Board for Wildlife has recommended the proposal vide Agenda No. 77.5.56. Based on the above, No Objection is hereby granted to proposal for development of Industrial Park at Manallur, Soorapoondi Village of Gummidipondi Taluk of Thiruvallur District over an extent of 279.995 Ha by SIPCOT subject to following conditions:-

- 1) The project proponent shall obtain all other statutory clearance and also submit Impact Mitigation Plan of Marine and Wildlife Conservation of Pulicat Birds Sanctuary if required.
- 2) The project proponent shall submit an undertaking stating that no disturbance will be caused to the wildlife during project implementation.
- 3) Any other conditions stipulated by the Additional Principal Chief Conservator of Forests and Director, Arignar Anna Zoological Park, Wildlife Warden, Chennai shall be followed.

The Wildlife Warden, Chennai is requested to send the annual compliance certificate on the stipulated conditions to be obtained from the User Agency to this office for onward submission to the Government of India. He is also requested to send the Impact Mitigation Marine and Wildlife Conservation within the project cost to this office approval.

Encl: As stated above

Sd/- Srinivas R. Reddy
Principal Chief Conservator of Forests
and Chief Wildlife Warden

To
The Wildlife Warden,
Chennai.

Copy to the Additional Principal Chief Conservator of Forests and Director, Arignar Anna Zoological Park, Vandalur, Chennai - 48 for information and necessary action.

/True Copy / By order /

For Senior Draughting Officer

13/2/24

Compliance for NBWL Recommendation

S.No	Conditions	Compliance
1	The project proponent shall obtain all other statutory clearance and also submit and implement Impact Mitigation Plan of Marine and Wildlife Conservation of Pulicat Bird Sanctuary.	Biodiversity report, Anticipated impacts and mitigation measures for 10 km radius of the site (including pulicat lake bird sanctuary), Conservation plan and Tentative budget for conservation plan was submitted to Wildlife Warden and Additional Principal Chief Conservator of Forest vide letter dated 21.03.2024
2	The project proponent shall submit an undertaking stating that no disturbance will be caused to the wildlife during implementation. project	Undertaking was submitted to Wildlife Warden and Additional Principal Chief Conservator of Forest vide letter dated 21.03.2024
3	Any other conditions stipulated by the Additional Principal Chief Conservator of Forests and Director, Arignar Anna Zoological Park / Wild Life Warden, Chennai shall be followed.	We agree to comply with other conditions, if any stipulated.