



EC/Thoothukudi/HYC/June/2025

To,
The Member Secretary,
State Level Environment Impact Assessment Authority,
Chennai Metro Rail Limited (Head office),
No.327, Anna Salai, Nandanam,
Chennai - 600 035.

Sir/Madam,

Sub: SIPCOT Industrial Park at Therkuveerapandiyapuram & Meelavittan Villages, Thoothukudi District – Submission of Half Yearly Compliance Report for June 2025 (i.e., for the period of October 2024 to March 2025) - Reg.

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

We hereby submit the Half Yearly Compliance Report for the Development of Industrial Park at Therkuveerapandiyapuram Village of Ottapidaram & Meelavittan village of Thoothukudi Taluk, Thoothukudi District, Tamil Nadu for June 2025 (i.e., for the period of October 2024 to March 2025) along with the supporting documents for your perusal.

Thanking you

Yours faithfully,

Date: 30.05.2025

CONSULTANT (PROJECT MANAGEMENT)

Encl: As above.

Copy 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

The Director,
 CPCB Zonal Office,
 77-A, South Avenue Road,
 Ambattur Industrial Estate,
 Ambattur Taluk, Thiruvallur District, Chennai - 600 058.

P.T.O.

State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking)

CIN I U74999TN1971SGC005967

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

Phone: 4526 1777, Fax: 4526 1796 Website: www.sipcot.tn.gov.in





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

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

CIN I U74999TN1971SGC005967

HALF YEARLY ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

For the Period of October 2024 - March 2025

For

Development of Industrial Park

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Therkuveerapandiyapuram Village of Ottapidaparam Taluk and Meelavittan Village of Thoothukudi Taluk Thoothukudi District, Tamil Nadu.

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

Submitted by



M/S. STATE INDUSTRIES PROMOTION CORPORATION OF TAMILNADU LTD 19/A, Rukmani Lakshmipathy Road,

Egmore, Chennai - 600008.

Prepared by



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

May 2025

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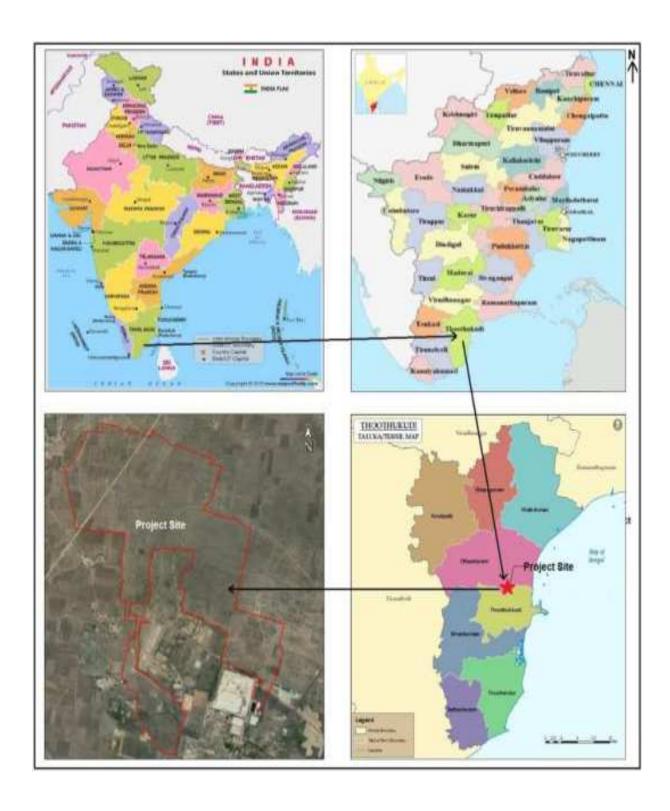
LIST OF ANNEXURE

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Annexure 1	Environmental Clearance copy
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Annexure 17	Screenshot of Environmental statement uploaded in the website

1.0 PROJECT DETAILS

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

2.0 LOCATION MAP



3.0 SITE PHOTOGRAPHS





4.0 SIX MONTHLY ENVIRONMENTAL CLEARANCE COMPLIANCE STATEMENT

SEAC Specific Conditions:

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

7.	The proponent shall provide the separate wall	Condition Noted. Construction will be made as
	between the STP and OSR area as per the	per the DTCP approved layout.
	layout furnished as committed.	
AS	The purpose of Green belt around the Project	Condition Noted.
	is to capture the fugitive emissions and to	Greenbelt will be developed in minimum 33%
	attenuate the noise generated, in addition to the	of total developable area with indigenous native
	improvement in the aesthetics. A wide	species.
	range of indigenous plants species should	Greenbelt photographs are enclosed as
	be planted in and around the premise in	Annexure - 13.
	consultation with the DFO, District / State	Greenbelt layout are enclosed as Annexure-4.
	Agriculture University. The plants species	
	Should have thick canopy cover, perennial	
	green nature, native origin and large leaf	
	areas. Medium size trees and small trees	
	alternating with shrubs shall be planted.	
	Miyawaki method of planting i.e planting	
	different types of trees at very close intervals	
	may be tried which will give a good green	
	cover. The proponent shall earmark the	
	greenbelt area with GPS coordinates all along	
	the boundary of the project site with at least	
	3 meters wide and in between blocks in an	
	organized manner and the same shall be	
	include in the layout out plan to be submitted	
	for CMDA, DTCP approval. The total green	
	belt area should be minimum 15% of the	
	total area and the small shall not be used	
	for car parking/OSR,	
9.	The project proponent shall provide entry and	Condition is being complied.
	exit points for the OSR area, play area as per	Entry and exit points are provided for OSR area,
	the norms for the pubic usage and as	play area as per norms
	committed.	
10.	The Proponent shall provide rain water	Condition Noted.

collecting the runoff from rooftops, paved and unpaved roads as committed 11. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Wastes (Management and Transboundary Movement) Rules, 2016. as amended for the generation of Hazardous waste within the premises. 12. No waste of any type to be disposed off in any other way other than the approved one. 13. The Proponent shall provide the dispenser for the disposal of Sanitary Napkins. 14. All the mitigation measures committed by the proponent for the flood management, to avoid pollution in Air, Noise, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly. 15. The project proponent shall furnish commitment for post-COVID health management for construction workers as per ICMR and MHA or the State Government guidelines as committed for during SEAC meeting. 16. The project proponent shall provide a medical facility, possibly with a medical officer in the project site for continuous monitoring the health of construction workers during COVID and Post – COVID period. 17. The project proponent shall measure the criteria air pollutants data (including CO) due to traffic again before getting consent		harvesting sump of adequate capacity for	
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	17.	The project proponent shall measure the	Condition is being complied.
to traffic again before getting consent annexure- 11.		criteria air pollutants data (including CO) due	Air quality monitoring report is enclosed as
		to traffic again before getting consent	annexure- 11.

	to operate from TNPCB and submit a copy of	
	the same to SEIAA.	
18.	Solar energy should be at least 10% of	Condition Noted.
	total energy utilization. Application of solar	
	energy should be utilized maximum for	
	illumination of common areas, street lighting	
	etc.	
19.	As per the MoEF&CC Office	Condition complied.
	Memorandum F.No. 22-6512017-IA.1 Dated:	
	30.09.2020 and 20.10.2020 the proponent	
	shall furnish the detailed EMP and revised	
	CER shall be furnished before placing the	
	subject to SEIAA.	

SEIAA Additional Conditions:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
1.	The proponent shall ensure that all the	Condition noted. All the member units will be
	construction of Buildings by the individual	instructed to comply with applicable rules
	Industry shall be energy efficient and conform	and guidelines.
	the green building norms.	
2.	The proponent shall provide the adequate	Condition Noted.
	health care facility within the premises.	
3.	The propopert shall provide the adequate	Condition noted. All the member units will be
3.		
	parking facility within the premises with	
	clear traffic plan.	and guidelines.
4.	The proponent shall ensure that eateries	Condition noted. All the member units will be
	provided if any within the premises shall be	instructed to comply with applicable rules
	maintained in hygienic way.	and guidelines.
5.	The proponent shall ensure that no treated	Individual industries will be mandated to have
	or untreated trade effluents/sewage shall be	their own STP/ETP for treatment of wastewater
	discharged outside the premises under any	and will not discharge outside the premises.
	circumstances.	

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

<u>PART A - Common condition applicable for Pre-construction.</u> <u>Construction and Operational Phase:</u>

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

	obtained by project proponent from the	
	concerned competent authorities.	
5.	The SEIAA reserves the right to add	Condition Noted.
	additional safeguard measures subsequently.	SIPCOT comply with all applicable conditions
	If non-compliance of any of the EC	issued in the EC.
	conditions is found and to take action,	
	including revoking of this Environmental	
	Clearance as the case may be.	
6.	A proper record showing compliance of all	Condition Noted.
0.	the conditions of Environmental Clearance	Condition (voted)
	shall be maintained and made available at all	
	the times.	
7.	The environmental statement for each	Condition complied.
/.	Financial year ending 31st March in Form V	The environmental statement for each
	, c	Financial year ending 31st March in Form V as
	proponent to the concerned Pollution Control	is mandated to be submitted to the TNPCB.
	Board as prescribed under the Environment	The Form V Acknowledgement copy is
	(protection) Rules. 1986. as amended	attached as Annexure -12.
	Subsequently. Shall also be put on the	The screenshot of EC compliance report
	website of the company. The status of	uploaded in the company website is attached as
	compliance of environmental Clearance	Annexure - 9.
	conditions and shall also be, sent to the	The Screenshot of environmental statement
	Regional Office of the Ministry of	
	Environment and Forests. Chennai by e-	as annexure -17
	mail.	as amexure -17
0		C. P. N. I
8.	The Regional Office of the Ministry Located	Condition Noted.
	at Chennai shall monitor Compliance of the	
	stipulated conditions. The project authorities	
	Should extend full cooperation to the Officer	
	(s) of the Regional Office by furnishing the	
	requisite data information monitoring	
	reports.	
9.	Consent For Establishment" shall be	CTE Vide consent no: 2201241542929 and
		2201141542929 Dated: 29/07/2022 obtain from
		TNPCB.

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

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		Compliance of the stipulated EC condition
	data on their website and shall update the	along with monitored data on our website
	same periodically. It shall simultaneously be	and the same is enclosed as annexure - 9.
	sent to the Regional Office of MoEF,	We update the same periodically and
	Chennal, the respective Zonal Office of	simultaneously sent to the regional office of
	CPCB, Bangalore and the TNPCB. The	MoEF, Chennai, the respective Zonal Office of
	Criteria pollutant levels namely PM 10, PM	CPCB, Bangalore and the TNPCB.
	2.5 , SO_2 , NO_x (ambient levels as well as	The air quality monitoring report is enclosed as
	stack emissions) or critical sectional	annexure -11
	parameters' indicated for the project shall	
	be monitored.	
15.	The SEIAA, TN may cancel the	Condition Noted.
	environmental clearance granted to this	
	project under the provisions of EIA	
	Notification,2006, if, at any stage of the	
	validity of if it is found or if it comes to	
	the Knowledge of this SEIAA. TN that	
	the project proponent has deliberately	
	concealed and/or this environmental	
	clearance. Submitted false or misleading	
	Information or inadequate data for obtaining	
	the environmental clearance.	
16.	The Environmental Clearance does not	Condition Noted.
	imply that the other statutory,	
	administrative clearances shall be granted to	
	the project by the concerned Authorities.	
	Such authorities would be considering the	
	project on merits and be taking decisions	
	independently of the Environmental	
	Clearance'	
17.	The SEIAA, TN may alter/modify the above	Condition Noted.
	condition in the interest of environmental	
	protection, even during the subsequent	
	period.	
18.	The Environmental Clearance does not	Condition Noted.
	absolve the applicant/ proponent of his	
	obligation/ requirement to obtain other	

19.	Where the trees need to be cut,	Condition Noted.
	compensation plantation in the ratio of	Greenbelt photograph is enclosed as Annexure
	1:10 (planting of 10 trees for every one tree	- 13.
	that is cut) should be done with the	
	obligation to continuous maintenance.	
20.	A separate environmental management cell	Condition complied.
	with suitable qualified personnel should be	Separate environmental management cell has
	set - up under the control of a senior	been assigned and will report to the General
	Executive who will report directly to the	Manager, SIPCOT who will report directly to
	head of the organization and the shortfall	the Head of the Organization for
	shall be strictly reviewed and addressed.	implementation monitoring and compliance of
		the environmental safeguards.
		Details of Environmental Management Cell
		with Roles and Responsibilities are enclosed
		as Annexure – 3.
21.	The EMP cost shall be deposited in a	Condition Noted.
	Nationalized bank by opening separate	
	account and the head wise expenses	
	statement shall be submitted to TNPCB with	
	a copy to SEIAA annually.	
22.	The project activity should not cause any	Condition Noted.
	disturbance & deterioration of the local bio-	
	diversity.	
23.	The project activity should not Impact the	Condition Noted.
	water bodies. A detailed inventory of the	
	water bodies forest should be evaluated and	
	fact reported to the Forest Department &	
	PWD for monitoring.	

24.	All the assessed flora & fauna should be	Condition Noted.
	conserved and protected.	
25.	The proponent should strictly comply with.	Condition will be complied. All the
		member units will be instructed to follow
	Environment and forests (EC.2) Department	applicable rules and guidelines.
	dated 25.06.2018 regarding Ban on one time	
	use and throwaway plastics irrespective of	
	thickness with effect from 01.01.2019 under	
	Environment (Protection) Act, 1986.	
26.	As per MoEF & CC Gol, Office	Not applicable.
	Memorandum dated 30.03.2015. prior	
	clearance from Forestry & wildlife angle as	
	applicable shall be obtained before starting	
	the quarrying operation, if the project site is	
	located within 10 Km from National Park	
	and Sanctuaries.	
27.	Traffic congestion near the entry and exist	Condition Noted.
	points from the roads adjoining the proposed	There is no traffic congestion near the entry and
	project site must be avoided.	exit points of the roads.
28.	The safety measures proposed in the report	Condition noted.
	should be strictly followed.	
29.	The Developer shall ensure that no allotment	Condition noted.
	letter/ sale deed in any form shall be made to	
	house category A or category B industry as	
	prescribed in the schedule of EIA	
	notification 2006. However, in case any	
	category A or category B type of industry as	
	prescribed in the schedule of EIA	
	notification 2006 is proposed then the	
	individual unit shall apply and seek	
	Environmental Clearance under the EIA	
	notification 2006.	

30.	The Developer shall mandate the	Condition will be complied. All the
30.	member industries of the Industrial Park to	member industries will be mandated to comply
	allot 33% of the plot area for green belt	with necessary statutory approvals and
	development and to install RWH structures.	guidelines.
	development and to histair Kw11 structures.	guidennes.
21	TI D 1 1 1 1 1 1 1 1	
31.	The Developer has to ensure that all the	Condition will be complied.
	member industries within the Industrial Park	All the member units will be instructed to
	shall make their own arrangements to	follow applicable rules and guidelines.
	achieve zero discharge of the trade effluents,	
	solid waste & E waste management, gaseous	
	emission and noise control measures to	
	achieve the standards prescribed by the	
	TNPCB.	
32.	The project proponent shall ensure that the	•
		All the member units will be instructed to follow
	to carry out manufacturing of products	applicable rules and guidelines.
	stipulated in G.O. (Ms) No. 84 dated	
	25/06/2018 on banning of one time use on	
	and throw away plastic.	
33.	The project proponent must submit the	Condition noted.
	permissible land use classification certificate	Land use classification certificate is obtained
	obtained from competent authority for the	from competent authority for the proposed
	proposed project before obtain the CTE from	project.
	TNPCB.	
34.	The CER fund shall be utilized as per the	Condition will be complied.
	office memorandum of MoEF&CC dated	
	01.05.2018 before obtaining CTO from	
	TNPCB.	
35.	The allotted industrial units shall obtain	All the member units will be mandated to
	consent from the TNPCB separately for their	obtain all the necessary statutory
	establishment & operation in this industrial	
	estate.	
36.	The project proponent shall ensure that 33%	Condition will be complied.
	of the total area of the project site should be	•
	covered with greenbelt.	annexure - 13.
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37	The proponent shall provide Rain Water	Condition will be complied.
	Harvesting pits so as to recharge the ground	
	water table.	
38.	Discharge of treated sewage shall	All the member units will be instructed to follow
		applicable rules and guidelines.
	by the Tamil Nadu Pollution Control Board.	
39.		All the member units will be instructed to follow
	proponent that the treated sewage disposed	applicable rules and guidelines.
	for greenbelt development /avenue	
	plantation should not pollute the soil/	
	groundwater/ adjacent canals/ lakes/ ponds,	
	etc.	
40.	The Developer has to ensure that all the	All the member units will be mandated to
	member industries within the Industrial Park	provide ETP with Zero Liquid Discharge
	shall make their own arrangements to	system and to handle the domestic wastewater
	achieve zero discharge of the trade Effluents.	as per the prescribed standards.
41.	The project proponent shall ensure that all	All the member units will be instructed to
	the member units should treat and dispose	follow applicable rules and guidelines.
	solid waste & E-waste as per the Solid	
	Waste Management Rule 2016 as amended	
	and E-Waste Management Rules, 2016.	
42.	There shall be no discharge of effluent	All the member units will be mandated to
	outside the Industrial Park at any time.	provide individual ETP with Zero Liquid
		Discharge system and not to discharge
		effluent outside the IP.
43.	The Developer shall mandate the member	Condition Noted.
	units of the Industrial Park to install	All the member units will be instructed to
	adequate APC measures / Acoustic to	follow applicable rules and guidelines. Air
	achieve air emissions standards within	quality monitoring report is enclosed as
	permissible limits prescribed by the CPCB.	annexure- 11.

Part- B – Specific Conditions – Pre Construction Phase:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
1.	The project surbanities should advantise	Condition complied
1.	The project authorities should advertise	-
	with basic details at least in two local	Newspaper advertisement copy is enclosed
	newspapers widely circulated, one of which	
	shall be in the vernacular language of the	The copy of the press release has been
	locality concerned, within 7 days of the	forwarded to the Regional Office of the
	issue of clearance. The press releases also	Ministry of Environment and Forests located
	mention that copy of the clearance letter is	at Chennai and SEIAA- TN.
	available with the state pollution Control	Acknowledgement copy of the same is
	Board and also at website of SEIAA, TN.	enclosed as Annexure -6.
	The copy of the press release should be	
	forwarded to the Regional Office of the	
	Ministry of Environment and Forests located	
	at Chennai and SEIAA-TN.	
2.	In the case of any change(s) in the scope of	Condition Noted.
	the project, a fresh appraisal by the	There is no change in the scope of project.
	SEAC/SEIAA shall be obtained before	
	implementation	
3.	A copy of the clearance letter shall be sent by	Condition complied.
	the proponent to the Local Body. The	The proof of submission of EC copy to
	clearance letter shall also be put on the website	Local Body is enclosed as Annexure -7. The
	of the Proponent.	clearance letter also uploaded on SIPCOT
		website. The screenshot is enclosed as
		Annexure- 8.
4.	The approval of the competent authority	All the member units will be instructed to follow
	shall be obtained for structural safety of the	applicable rules and guidelines.
	buildings during earthquake adequacy of fire	Fire station are enclosed as annexure-16
	fighting equipments, etc as per National	
	Building Code including protection measures	
	from lightning etc before commencement of	
	the work.	

5.	All required sanitary and hygienic measures for the workers should be in place	Condition Noted.
	before starting construction activities and	
	they have to be maintained throughout the	
	construction phase.	
6.	Design of building should be in conformity	Condition Noted.
	with the Seismic Zone Classifications.	
7.	The Construction of the structures	Construction will be carried out as per the
	should be undertaken as per the plans	DTCP approved layout.
	approved by the concerned local	
	authorities/local administration.	
8.	No construction activity of any kind shall be	Condition Noted.
	taken up in the OSR area.	
9.	Consent of the local body concerned should	Condition Noted.
	be obtained for using the treated sewage in	All the member units will be instructed to
	the OSR area for gardening purpose. The	follow applicable rules and guidelines.
	quality of treated sewage shall satisfy the	
	bathing quality prescribed by the CPCB.	
10.	The height and coverage of the	Condition is not applicable.
	constructions shall be in accordance with the	Site does not fall in CRZ area.
	existing FSI/ FAR norms as per Coastal	
	Regulation Zone Notification, 2011.	
11.	The Project Proponent shall provide car	Condition is not applicable.
	parking exclusively for the visiting guest In	Proposed project is an industrial park.
	the proposed residential apartments as per	
	CMDA norms.	
12.	The project proponent shall ensure the level	Condition Noted.
	of basement shall be above maximum	
	flood level.	
13.	The proponent shall prepare completion	Condition applicable will be complied.
	plans showing Separate pipelines	
<u> </u>		

	marked with different colours with the	
	following details	
	1. Location of STP, compost system,	
	underground sewer line	
	2. Pipe Line conveying the treated	
	effluent for green belt development	
	3. Pipe Line conveying the treated	
	effluent for toilet flushing	
	4. Water supply pipeline	
	5. Gas supply pipe line, if proposed	
	6. Telephone cable	
	7. Power cable	
	8. Strom water drains, and	
	9. Rain water harvesting system and it	
	shall made available to the owners	
14.	A First Aid Room shall be provided in	Condition will be complied.
	the project site during the entire	
	construction and operation phases of the	
	project.	
15.	The present land use surrounding the	Condition noted.
	project site shall not be disturbed at any	
	point of time.	
16.	The green belt area shall be planted With	Condition will be complied.
	indigenous native trees.	Greenbelt are developed with native
		indigenous species.
		Green belt photograph is enclosed as
		Annexure- 13.
17.	Natural vegetation listed particularly the	Condition will be complied.
	trees shall not be removed during the	Overall greenbelt of minimum 33% will be
	construction/operation phase. In case any	provided in the project site and the photograph
	trees are likely to be disturbed, shall be	of the same is enclosed as annexure - 13.
	replanted.	
10	Duning the construction and did 1	Candition Noted
18.	During the construction and operation phase,	Condition Noted.

there should be no disturbance to the aquatic

eco-system within and outside the area.

19.	The Provisions of Forest conservation Act	Condition Noted.
	1980, Wild Life Protection Act 1972 & Bio	
	diversity Act 2002 should not be violated.	
20.	There should be Firefighting plan and all	All the member units shall comply with.
	required safety plan.	
21.	Regular fire drills should be held to create	All the member units shall comply with.
	awareness among owners/ residents.	

Part - C – Specific Condition – Construction phase:

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

	· · · · · · · · · · · · · · · · · · ·	
	carried out and maintained. For the purpose,	
	schedule of health examination of the	
	workers should be drawn and followed	
	accordingly. The workers shall be provided	
	with personnel protective measures such as	
	masks, gloves, boots, etc.	
3.	Water Supply:	
	i) The entire water requirement during	Condition will be complied.
	construction phase may be met from ground	
	water source from the source with approval of	
	the PWD Department of water resources/ may	
	be out source.	
	ii) Provision shall be made for the housing	Condition not applicable.
	labour within the site with all necessary	Local labours will be employed for the project.
	infrastructures and facilities such as fuel for	There will not be any housing for labour.
	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.	
	iii) Adequate drinking water and sanitary	Condition Noted.
	facilities should be provided for construction	All the member units shall comply with.
	workers at the site. The treatment and disposal	
	of wastewater shall be through dispersion	
	trench after treatment through septic tank. The	
	MSW generated shall be disposed through	
	Local Body and the identified dumpsite only.	
	iv) Water demand during construction should	Condition Noted.
	be reduced by use of premixed concrete,	
	•	All the member units shall comply with.
	curing agents and other best practices	
	prevalent.	

	v) Fixtures for showers, toilet flushing and	Condition Noted.
	drinking water should be of low flow type by	All the member units shall comply with.
	adopting the use of aerators / pressure	7 in the member times shall comply with.
	reducing devises / sensor-based control.	
4.	Solid Waste Management:	
	i) In the solid waste management plan, the	Condition Noted.
	STP sludge management plan for direct use as	All the member units shall comply with.
	manure, gardens is not acceptable; it must be	
	co-composted with biodegradables.	
	::\ Havaahald hamandaya waataa ayah aa	Not applicable It is development of industrial
	ii) Household hazardous wastes such as	Not applicable . It is development of industrial
	batteries, small electronics, CFL bulbs expired	park
	medicines and used cleaning solvent bottles	
	should be segregated at source, in a month	
	from residences and disposed as per the SWM	
	rules 2016.	
	iii) Domestic solid wastes to be regularly	Condition noted and will be complied.
	collected in bins or waste handling receptacles	All the member units will be instructed to follow
	and solid waste management rules 2016.	applicable rules and guidelines.
	iv) No waste of any type disposed of in any	Condition Noted.
	watercourse including drains, canals and the	
	surrounding environment.	
	v)E-waste shall be disposed through	-
	Authorized vendor as per E-waste	All the member units will be instructed to follow
	(Management and Handling) Rules, 2016 and	applicable rules and guidelines.
	subsequent amendment.	
5.	Topsoil Management:	
	i)All the topsoil excavated during	Condition will be complied.
	construction activities should be stored for use	All the member units will be instructed to use the
	in horticulture/ landscape development within	topsoil excavation for landscape development
	the project site.	within the premises.
6.	Construction Debris disposal:	
<u> </u>	i) Disposal of construction debris during	Condition noted.
	construction phase should not create any	All the member units will be instructed to

	i) Vehicles hired for bringing construction	Condition will be complied.
8.	Air & Noise Pollution Control:	
	etc.	
	air conditioning systems, cooling water tower	TI STATE STA
	noise generating equipments such as DG sets,	applicable rules and guidelines.
	iii) The acoustic enclosures installed at all	All the member units will be instructed to follo
	shall be taken.	
	clearance from Chief Controller of explosives	
	fulfilling the safety norms and if required,	obtain necessary approvais? electrances.
	sets shall be stored in underground tanks	obtain necessary approvals / clearances.
	thereon. ii) The diesel required for stand by DG	All the member units will be instructed to
	(Protection) Act, 1986, and the Rules framed	
	prescribed in the Rules under the Environment	
	emission shall conform to the standards	
	during construction phase. The air and noise	monitoring report is enclosed as annexure - 11
	operating diesel generator sets to be used	applicable rules and guidelines.Air and nois
	i) Low Sulphur Diesel shall be used for	All the member units will be instructed to follow
7.	Diesel Generator sets:	
	etc.	
	not leach into the adjacent land/lake/ stream	
	materials must be secured so that they should	
	watercourses. The dump sites for such	
	materials must not be allowed to contaminate	comply with.
	bituminous materials and other hazardous	All the member units will be instructed t
	ii) Construction spoils, including	Condition will be complied.
	Management rules, 2016.	
	Construction & Demolition Waste	
	aspects of the people, The construction and demolition waste shall be managed as per	
	precautions for general safety and health	
	Competent Authority with necessary	
	approved sites, with the approval of	
	communities and be disposed off only in	
		follow applicable rules and guidelines.

	materials to the site should be in good	All the member units will be instructed to follow
	condition and should conform to air and noise	applicable rules and guidelines.
	emission standards, prescribed by	applicable rates and galacinies.
	TNPCB/CPCB. The vehicles should be	
	operated only during non-peak hours.	
	operated only during non-peak nours.	
	ii) Ambient air and noise levels should	Condition being complied.
	conform to residential standards prescribed by	Ambient Air and Noise monitoring report is
	the TNPCB, both during day and night.	enclosed as Annexure – 11.
	Incremental pollution loads on the ambient air	All the member units will be instructed to follow
	and noise quality should be closely monitored	applicable rules and guidelines.
	during the construction phase. The pollution	
	abatement measures shall be strictly	
	implemented.	
	iii) Traffic congestion near the entry and	Condition Noted
		Condition Noted.
	exit points from the roads adjoining the	
	proposed project site shall be avoided. Parking	
	shall be fully internalized and no public space	
	should be utilized. Parking plan to be as per	
	DTCP norms. The traffic department shall be	
	consulted and any cost effective traffic	
	regulative facility shall be meet before	
	commissioning	
	iv) The buildings should have adequate	All the member units shall comply with.
	distance between them to allow free	
	movement of fresh air and passage of natural	
	light, air and ventilation.	
9.	Building material:	
	i) Fly-ash blocks should be used as building	All the member units will be instructed to follow
	material in the construction as per the	applicable rules and guidelines.
	provision of Fly ash Notification of	
	September, 1999 and amended as on 27th	
	August, 2003 and Notification No. S.O. 2807	
	(E) dated: 03.11.2009.	
	ii) Ready-mix concrete used in building	Condition will be complied.
	construction and necessary cube tests	,

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	should be conducted ascertain their quality.	
	iii) Use of glass shall be reduced up to	All the member units will be instructed to follow
	40% to reduce the electricity consumption and	applicable rules and guidelines.
	load on air conditioning. If necessary, high	
	quality double glass with special reflecting	
	coating shall be used in windows.	
10.	Storm Water Drainage:	
	i) Storm water management around the site	Condition will be complied.
	and on site shall be established by following	All the member units will be instructed to
	the guidelines laid down by the storm water	comply with necessary rules and guidelines.
	manual.	
	ii) Storm water management plan shall be	Condition Noted.
	obtained by engaging the services of Anna	Storm water photograph is enclosed as
	University/IIT.	annexure- 14.
11.	Energy Conservation Measures:	
		All the member units will be instructed to comply
	as per Energy Conservation Building Code	with necessary rules and guidelines.
	by using appropriate thermal insulation	
	material, to fulfil the requirement	
	ii) Opaque wall should meet prescribed	All the member units will be instructed to comply
	requirement as per Energy Conservation	with necessary rules and guidelines.
	Building Code which is mandatory for all	
	air-conditioned spaces by use of appropriate	
	thermal insulation material to fulfil the	
	requirement.	
	iii) All norms of Energy Conservation	All the member units will be instructed to
	Building Code (ECBC) and National Building	comply with necessary rules and guidelines.
	Code, 2005 as energy conservation have to be	
	adopted Solar lights shall be provided for	
	illumination of common areas.	
	iv) Application of solar energy should be	Condition Noted.

	incorporated for illumination of common areas, lighting for gardens and street lighting. A hybrids system or fully solar system for a portion of the apartments shall be provided. v) A report on the energy conservation measures conforming to energy conservation norms prescribed by the Bureau of Energy Efficiency shall be prepared incorporating details about building materials & technology; R & U factors etc and submitted to the SEIAA in three month's time.	All the member units shall comply with. All the member units shall comply with.
	vi) Energy conservation installation of	Condition will be complied.
	CFLs/TFLs for lighting the areas outside the	LED light photograph of the same is enclosed as
	building should be integral part of the project	annexure - 15.
	design and should be in place before project	
	commissioning.	
12.	Fire Safety:	
	i) Adequate fire protection equipment and	_
		All the member units will be instructed to
	the prescribed standards.	comply with necessary rules and guidelines.
		Fire station photograph is enclosed as annexure - 16
	ii) Proper and free approach road for fire-	Condition will be complied.
	fighting vehicles upto the buildings and for	
	rescue in the event of emergency shall be made.	
	made.	
12	Green Belt Development:	
13.	-	
	i) The Project Proponent shall plant tree	Condition will be complied.
	species with large potential for carbon capture	Greenbelt area photograph are enclosed as
	in the proposed green belt area based on the	Annexure - 13.
	recommendation of the Forest department	
	well before the project is completed.	
	ii) The purpose of Green belt around the	Condition will be complied.
	project is to capture the fugitive	

emissions and to attenuate the noise generated,	Greenbelt will be developed with indigenous
in addition to the improvement in the	native species.
aesthetics. A wild range of indigenous plants	Greenbelt photograph are enclosed as
species should be planted in and around the	annexure 13
premise in consultation with the DFO, District	Greenbelt layout is enclosed as annexure -4
/ State Agriculture University. The plants	
species should have thick canopy cover,	
perennial green nature, native origin and large	
leaf areas. Medium size trees and small trees	
alternating with shrubs shall be planted. If	
possible Miyawaki method of planting i.e	
planting different types of trees at very close	
intervals may be tried which will give a good	
green cover. The proponent shall earmark the	
greenbelt area with GPS coordinates all along	
the boundary of the project site with at least 3	
meters wide and in between blocks in an	
organized manner and the same shall be	
included in the layout plan to be submitted	
for CMDA/ DTCP approval. The total green	
belt area should be minimum 15% of the total	
area and the same shall not be used for car	
parking/ OSR.	
iii) The proponent shall develop the green belt	Condition Noted.
as per the plan furnished and area earmarked	
for the greenbelt shall not be alter at any	
point of time for any other purpose.	
'->\ The grant of the state of	Con P.Con will be Consulted
iv) The proponent has to earmark the greenbelt	Condition will be Complied.
area with dimension and GPS coordinates for	
the green belt area and the same shall be	
included in the layout out plan to be	
submitted for DTCP approval.	

14.	Sewage Treatment Plant:	
	i) The Sewage Treatment Plant (STP) installed	STP is not proposed by SIPCOT.
	should be certified by an independent expert /	Individual industries shall comply with.
	reputed academic institutions for its	
	adequacy and a report in this regard should	
	be submitted to the SEIAA, TN before the	
	project is commissioned for operation, explore	
	the less power consuming systems viz. baffle	
	reactor, etc., for the treatment of sewage.	
	The December of the County of	CTD :
	ii) The Proponent shall install STP as	STP is not proposed by SIPCOT. Individual
	furnished. Any alteration to satisfy the	industries are instructed to install STP as
	bathing quality shall be informed to SEIAA-	furnished. Any alteration to satisfy the bathing
	TN.	quality will be informed to SEIAA-TN.
	iii) The project proponent shall operate and	STP is not proposed by SIPCOT. All the
	maintain the Sewage treatment Plant	member Industries will be mandated to provide
	effectively to meet out the standards	adequate capacity of STP and the treated sewage
	prescribed by the CPCB.	will be reused for their greenbelt
	iv) The project proponent shall	STP is not proposed by SIPCOT. All the
	continuously operate and maintain the Sewage	member Industries will be mandated to provide
	treatment plant to achieve the standards	adequate capacity of STP and the treated sewage
	prescribed by the CPCB.	will be reused for their greenbelt
	v) The project proponent has to ensure the	STP is not proposed by SIPCOT. All the
	complete recycling of treated sewage after	member Industries will be mandated to provide
	achieving the standards prescribed by the	adequate capacity of STP and the treated sewage
	CPCB.	will be reused for their greenbelt
	vi) The project proponent has to provide	STP is not proposed by SIPCOT. Individual
	separate standby D.G set for the STP for the	industries shall comply with.
	continuous operation of the STP in case of	
	power failure.	
15.	Rain Water Harvesting:	
	i) The proponent/Owner of the Flats shall	Condition Noted.
	ensure that roof rain water collected from	

	the covered roof of the buildings, etc shall be	
	harvested so as to ensure the maximum	
	beneficiation of rainwater harvesting by	
	constructing adequate sumps so that 100% of	
	the harvested water shall be reused.	
	ii) Rainwater harvesting for surface run-	Condition Noted.
	off, as per plan submitted should be	All the member units shall comply with.
	implemented. Before recharging the surface	
	run off, pre-treatment with screens, settlers	
	etc. must be done to remove suspended	
	matter, oil and grease, etc.	
	iii) The project activity should not cause any	Condition Noted.
	disturbance & deterioration of the local bio	
	diversity.	
16.	Building Safety:	
	Lightning arrester shall be properly	All the member units will be instructed to
	designed and installed at top of the building	follow applicable rules and guidelines.
	and wherever is necessary.	

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

Not Applicable – Since the project is under construction phase.

5.0 ENVIRONMENTAL MONITORING DETAILS

It is mandatory to submit six-month compliance report (Half Yearly compliance) of EC conditions to MoEF & CC Regional Office by the proponent. For the purpose of submitting Six-Monthly Compliance report, the environmental monitoring was carried out at site by M/s.Hubert Enviro Care Systems Pvt. Ltd an NABL accredited laboratory for the period of October 2024 to March 2025.

5.1 Ambient air quality monitoring

The ambient air quality parameters such as suspended Particulate matter (PM10), Respirable Particulate matter (PM 2.5), Sulphur dioxide, Oxides of Nitrogen (NOx), Ammonia, Ozone and Carbon monoxide were monitored during the period of October 2024 to March 2025. The test report of ambient air quality is attached as **Annexure –11.**

5.2 Ambient Noise level monitoring

Ambient Noise level was Monitored and the test report of ambient noise recorded during the period of October 2024 to March 2025 and the report is attached as **Annexure - 11.**

5.3 Soil quality monitoring

The soil samples were collected during the period of October 2024 to March 2025 and analyzed for nutrients and heavy metals. The test report of soil samples analyzed is attached as **Annexure –11.**

5.4 Ground water quality monitoring

The ground water samples were collected and analysed during the period of October 2024 to March 2025. The test report of ground water samples is attached as **Annexure -11**

5.5 Surface water quality monitoring

The surface water samples were collected and analysed during the period of October 2024 to March 2025. The test report of surface water samples collected is attached as **Annexure 11.**

Environmental Monitoring Photographs are enclosed as Annexure 10

6.0 CONCLUSION

- 1. The environmental monitoring was carried out at site during the period of October 2024 to March 2025.
- 2. All the conditions stipulated in Environmental Clearance are being complied / will be complied.



Name: Dr. Rajkumar Samuel
Designation: Director Technical
Company Name: Hubert Enviro Care
Systems Private Limited



Pro-Active and Responsive Facilitation by Interactive,





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

To,

The Managing Director STATE INDUSTRIES PROMOTION CORPORATION OF TAMILNADU LIMITED (SIPCOT)

19-A, Rukmani Lakshmipathy Road, Egmore, Chennai -600008

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

Sir/Madam.

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

1. EC Identification No.

2. File No.

3. **Project Type**

4. Category

5. Project/Activity including Schedule No.

6. Name of Project

7. Name of Company/Organization

8. **Location of Project** 9. **TOR Date**

EC22B039TN127123

7939/2020

New

B1 8(b) Townships and Area Development

projects.

Development of Industrial Park at Therkuveerapandiyapuram Village of Ottapidaram Taluk and Meelavittan village of Thoothukudi Taluk in Thoothukudi District over an extent of 466.503 Ha

STATE INDUSTRIES PROMOTION CORPORATION OF TAMILNADU

LIMITED (SIPCOT)

Tamil Nadu 09 Aug 2021

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

(e-signed) Tmt.P.RAJESWARI,IFS Date: 07/02/2022 **Member Secretary** SEIAA - (Tamil Nadu)

Bowers

Note: A valid environmental clearance shall be one that has EC identification

number & E-Sign generated from PARIVESH.Please quote identification

This is a computer generated cover page.

number in all future correspondence.



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY - TAMIL NADU

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

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

To

The Managing Director

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

19-A, Rukmani Lakshmipathy Road

Post Box No.7223

Egmore

Chennai-600 008

Sir.

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



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

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

- ToR Issued by SEIAA-TN Vide Lr.No.SEIAA-TN/F.No.7939/SEAC/8(b)/ToR-1011/2021 dated: 09.08.2021
- EIA report submitted to SEIAA-TN on 03.09.2021
- Minutes of the 233rd SEAC Meeting held on 21.09.2021

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

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

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

Annexure 1

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

74/3, 74/4, 75/1, 75/2, 75/3A, 75/3B, 75/4, 76/1, 76/2, 76/3, 76/4, 76/5, 76/6, 76/7, 77/1, 77/2, 77/3, 77/4, 77/5, 285/1A, 285/1B, 285/1C, 285/2, 286, 287, 288/1, 288/2, 288/4, 289/3, 326/1, 339, 342, 349, 362/2, 372/2, 374/4, 343/1,343/2,343/3A, 343/3B, 350/1, 350/2, 351/1,351/2A, 351/2B, 351/4, 351/5, 351/6, 353/3, 358/1A, 358/1B, 359/1, 359/2, 359/3, 359/4, 360/1, 360/2, 361/1, 364, 371/1, 371/2, 371/3, 373/1, 373/2, 373/3, 373/4, 363/1, 363/2, 363/3, 363/4, 366/1, 366/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 375, 376/1A,376/1B, 406/1. 406/2, 406/3, 301/1, 315/4, 316/3, 317/3, 318/1, 288/3, 351/3, 353/4, 358/2, 361/2, 363/5, 374/1, 61/3, 62/5, 63/5, 65/2, 72/1, 73/1, 74/2, 1/2, 2/1, 2/3, 3/1, 3/3, 14/5, 17/2, 18/2, 19/3, 21/7, 38/1, 38/2, 44/4, 48/3, 51/3,128/1,12, 13, 22, 23, 24, 29, 35, 39/2, 50/2, 52/2, 55, 56, 79, 80, 81, 47/1, 47/3, 47/4, 47/5, 47/6, 62/1, 62/3A, 62/3B, 62/3C, 62/3D, 62/4, 62/6A, 62/6B, 62/7, 62/8, 63/2, 63/3, 63/4A, 63/4B,63/4C, 63/6A, 63/6B, 64/1, 64/2, 65/1, 65/3, 65/4, 65/5, 307/1, 307/2, 308/1, 308/2, 309,316/1, 316/2, 316/4, 316/5, 317/1, 317/2, 61/2, 61/4, 310, 311/1A, 311/1B, 311/2A, 311/2B,

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311/2C, 312, 313/1, 313/2, 314, 315/1, 315/2, 315/3, 1/1A, 1/1B, 1/3, 2/2, 2/4, 2/5, 3/2A, 3/2B, 4/1, 4/2, 4/3, 6/1, 6/2, 6/3, 6/4, 7, 8/1, 8/2, 9, 10/1, 10/2, 10/3, 10/4, 11/1, 11/2, 11/3, 17/1, 18/1, 19/1, 19/2, 21/1, 21/2, 21/3, 21/4A, 21/4B, 21/4C, 21/4D, 21/5, 21/6, 5, 82/1, 82/2, 83/1, 83/2, 88/1, 88/2, 88/3A, 88/3B, 88/3C, 84/1, 84/2, 85/1, 85/2, 86/1, 86/2, 87, 89, 90/1A, 90/1B, 90/2, 124/1, 124/2, 124/3, 124/4, 124/5, 124/6, 126/1, 126/2, 127/1, 127/2, 127/3, 127/4, 128/2, 128/3, 128/4, 128/5, 14/1, 14/2, 14/3, 14/4, 15/1, 15/2, 15/3, 16/1, 16/2, 20, 25/1,25/2, 25/3, 25/4, 25/5A,25/5B, 26, 30/1, 30/2,27/1A, 27/1B, 27/2, 28,31/1, 31/2, 31/3, 32/1,32/2A, 32/2B, 32/2C, 32/2D, 32/2E, 33/1, 33/2, 33/3, 33/4, 33/5, 33/6, 34, 36/1, 36/2, 37/1, 37/2, 41/1, 41/2, 78/1A, 78/1B, 78/1C, 78/1D, 78/1E, 78/1F, 78/2, 78/3,40/1,40/2,42/1, 42/2,43/1, 43/2, 43/3, 44/1,44/2, 44/3A, 44/3B,48/1A1, 48/1A2, 48/1B, 48/2A, 48/2B, 48/2C, 49, 50/1, 50/3, 51/1, 51/2, 51/4A, 51/4B, 51/5, 51/3, 39/1, 39/3, 52/1, 52/3, 52/4, 52/5, 53/1, 53/2, 53/3, 53/4, 54/1,54/2, 54/3A, 54/3B, 54/3C, 54/4, 57/1, 57/2, 58/1, 58/2, 59/1, 59/2, 59/3, 60) & Meelavittan Village (Survey No:26/6, 40/4, 46/3, 47/5, 45/1A, 45/1B,

(included)			
Common Amentias	22.200	8.91	2.00
Commercial Activities	33.00	13.36	3.00
Road and Storm water drain	61.766	25,01	5.61
Solid waste mgt	5.00	2.03	0.45
OSR area	103.84	42.04	9.44
Greenbelt	147.55	59.73	13.42
Total developable area	1100.136	445.4	100
Odai	22.316	9,035	17.
Proposed railway track	10.82	4.38	III
Hi Tension power line with 35m RoW	18.99	7.688	
Total area	1152.262	466.503	20/1/0

Brief description of the project

The proposal is an infrastructure development project. It involves development of roads, water supply, storm water drainage, street lights, green belt development, and such other amenities.

Industrial Park will house industries which do not fall under EIA Notification 2009 and amendments thereof. The proposed industries include the following:

- All General Engineering units such as fabrication, machining, forging, castings etc.,
- Auto components Industries.
- Food Processing Industries.
- Packaging units.

Any other industries that are not under the purview of EIA Notification, 2006

	S.No	Industry Sector	% of plotted area	Area in Acres	Area in Ha
	1	Engineering /A components/Furnit Manufacturing	10 10 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	290.79	117.73
	2	Packaging industrie	es 10	72.70	29.43
	3	Agro & Food	10	72.70	29.43
	2	Eco friendly buildi materials (Fly a bricks/ bloc manufacturing etc.)	ish iks 10	72.70	29.43
	5	Electronics/Electric and Allied industrie		36.35	14.72
	6	Any other industri Not under t preview of El Notification 2006 ar its amendmen (Fiber glass, D Textile, Solar pane and its componen etc)	he IA and ats 25 ry	181.74	73.58
2	N	Total	100	726.97	294.32
8)	Green Belt				
	1	Greenbelt	Area in acres	Area in Ha	Area %
	OSR	A STATE OF	103.84	42.04	9.44
	(includi industri	Market State of the Control of the C	239.9	97,13	21.81
	Greenbelt 3m along road side		19.83	8.03	1.8
	Peripheral Greenbelt area (15m wide)		127.72	51.7	11.62
	120	Total area	491.29	198.9	44.65
			TOURIST.		
9)	-	TLITIES-WATER			

Fresh water: 905 KLD

Recycled water: 3920KLD

Green belt: 6741KLD

Operation phase:

Water source	Fresh water(KLD)	Recycled water(KLD)	Treated sewage from Tharuvaikulam STP (KLD)	Total (KLD)
Domestic	400	0	0	400
Flushing	0	200	0	200
utilities Process	540	2140	0	2680
Green belt development	0	360	6602	6962
Total	940	2700	6602	10242

Domestic water @30 L/person/day & Flushing water (domestic) @15

L/person/day

Water requirement for Process @ 5KL/Acre

Water for green belt @35KL/Ha

Water for common amenities @3KL/Acre

Water for commercial activities @5KL/Acre.

10)	a) Source from where the water is proposed to be drawn	Fresh water: From Existing SIPCOT water supply scheme from Thamirabarani river Treated sewage: from Thoothukudi Municipal Corporation from Tharuvaikulam STP
	b) Sewage system	Sewage: 560KLD-STP by individual industries and treated sewage will be used for Greenbelt. ZLD will be maintained by individual industries.
	c) ETP & Recycle line	Effluent: 2150KLD-ETP, MEE and RO by individual industries and treated effluent will be used for utilities. ZLD

		will be industrie	of marking
11)	Solid Waste Manageme	ent	
	Component	Construction phase kg/day	Operation phase kg/day
	MSW organic waste	30	3510
	MSW inorganic waste	20 (117)	2340
	Hazardous waste	Used oil from construction DGs	Individual industries will have their own
12)	Power requirement 49 MVA from TANGEDCO		MVA from TANGEDCO
13)	Design C		Rs. 253Crores
14)	EMP Cost Rs. 3134Lakhs		The state of the s

Annexure 2- Affidavit

The Proponent has furnished affidavit in stamp paper attested by the Notary stating that 1, Thiru. T. Anand, I.A.S. Managing Director, Authorized Signatory, representing M/s. State Industries Promotion Corporation of Tamil Nadu Limited (SIPCOT) having registered office at 19-A, Rukmani Lakshmipathy Road, Egmore, Chennai - 600008, for the proposed "Development of Industrial Park over an extent of 466.503 Hectares (1152-262 acres) at Therkuveerapandiyapuram Village (Survey No: 61/1, 62/2, 63/1, 70/1, 70/2, 71, 72/2A, 72/2B, 73/1, 73/2,73/4, 74/1, 74/3, 74/4, 75/1, 75/2, 75/3A, 75/3B, 75/4, 76/1, 76/2, 76/3, 76/4, 76/5, 76/6, 76/7, 77/1, 77/2, 77/3, 77/4, 77/5, 285/1A, 285/1B, 285/1C, 285/2, 286, 287, 288/1, 288/2, 288/4, 289/3, 326/1, 339, 342, 349, 362/2, 372/2, 374/4, 343/1,343/2,343/3A, 343/3B, 350/1, 350/2, 351/1,351/2A, 351/2B, 351/4, 351/5, 351/6, 353/3, 358/1A, 358/1B, 359/1, 359/2, 359/3, 359/4, 360/1, 360/2, 361/1, 364, 371/1, 371/2, 371/3, 373/1, 373/2, 373/3, 373/4, 363/1, 363/2, 363/3, 363/4, 366/1, 366/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 375, 376/1A,376/1B, 406/1, 406/2, 406/3, 301/1, 315/4, 316/3, 317/3, 318/1, 288/3, 351/3, 353/4, 358/2, 361/2, 363/5, 374/1, 61/3, 62/5, 63/5, 65/2, 72/1, 73/1, 74/2, 1/2, 2/1, 2/3, 3/1, 3/3, 14/5, 17/2, 18/2, 19/3, 21/7, 38/1, 38/2, 44/4, 48/3, 51/3,128/1,12, 13, 22, 23, 24, 29, 35, 39/2,

50/2, 52/2, 55, 56, 79, 80, 81, 47/1, 47/3, 47/4, 47/5, 47/6, 62/1, 62/3A, 62/3B, 62/3C, 62/3D, 62/4, 62/6A, 62/6B, 62/7, 62/8, 63/2, 63/3, 63/4A, 63/4B,63/4C, 63/6A, 63/6B, 64/1, 64/2, 65/1, 65/3, 65/4, 65/5, 307/1, 307/2, 308/1, 308/2, 309,316/1, 316/2, 316/4, 316/5, 317/1, 317/2, 61/2, 61/4, 310, 311/1A, 311/1B, 311/2A, 311/2B, 311/2C, 312, 313/1, 313/2, 314, 315/1, 315/2, 315/3, 1/1A, 1/1B, 1/3, 2/2, 2/4, 2/5, 3/2A, 3/2B, 4/1, 4/2, 4/3, 6/1, 6/2, 6/3, 6/4, 7, 8/1, 8/2, 9, 10/1, 10/2, 10/3, 10/4, 11/1, 11/2, 11/3, 17/1, 18/1, 19/1, 19/2, 21/1, 21/2, 21/3, 21/4A, 21/4B, 21/4C, 21/4D, 21/5, 21/6, 5, 82/1, 82/2, 83/1, 83/2, 88/1, 88/2, 88/3A, 88/3B, 88/3C, 84/1, 84/2, 85/1, 85/2, 86/1, 86/2, 87, 89, 90/1A, 90/1B, 90/2, 124/1, 124/2, 124/3, 124/4, 124/5, 124/6, 126/1, 126/2, 127/1, 127/2, 127/3, 127/4, 128/2, 128/3, 128/4, 128/5, 14/1, 14/2, 14/3, 14/4, 15/1, 15/2, 15/3, 16/1, 16/2, 20, 25/1,25/2, 25/3, 25/4, 25/5A,25/5B, 26, 30/1, 30/2,27/1A, 27/1B, 27/2, 28,31/1, 31/2, 31/3, 32/1,32/2A, 32/2B, 32/2C, 32/2D, 32/2E, 33/1, 33/2, 33/3, 33/4, 33/5, 33/6, 34, 36/1, 36/2, 37/1, 37/2, 41/1, 41/2, 78/1A, 78/1B, 78/1C, 78/1D, 78/1E, 78/1F, 78/2, 78/3,40/1,40/2,42/1, 42/2,43/1, 43/2, 43/3, 44/1,44/2, 44/3A, 44/3B,48/1A1. 48/1A2, 48/1B, 48/2A, 48/2B, 48/2C, 49, 50/1, 50/3, 51/1, 51/2, 51/4A, 51/4B, 51/5, 51/3, 39/1, 39/3, 52/1, 52/3, 52/4, 52/5, 53/1, 53/2, 53/3, 53/4, 54/1,54/2, 54/3A, 54/3B, 54/3C, 54/4, 57/1, 57/2, 58/1, 58/2, 59/1, 59/2, 59/3, 60) & Meelavittan Village (Survey No:26/6, 40/4, 46/3, 47/5, 45/1A, 45/1B, 45/2A, 45/2B, 45/2C, 45/2D, 45/3A,45/3B, 45/3C, 45/4A, 45/4B, 45/4C, 45/5A1, 45/5A2, 45/5B, 45/5C, 45/5D1, 45/5D2, 45/5D3, 46/1, 46/2, 47/1A, 47/1B, 47/1C, 47/1D, 47/1E, 47/1F, 47/2, 47/3A, 47/3B, 47/3C, 47/3D, 47/4A, 47/4B, 47/4C, 47/4D, 48/1, 48/2, 49/1, 49/2, 50/1, 50/2, 51, 52/1, 52/2, 26/3A, 26/4, 33/Pt, 34/1A1, 34/1A2, 34/1B2, 34/2A, 34/2B, 34/2C, 34/2D, 34/3, 34/4, 38/4Pt, 39/1, 39/2, 41/1, 41/2, 42/1, 42/2, 43/1,43/2,44/1A, 44/IB1, 44/IB2, 44/2A, 44/2B1, 44/2B2, 44/2B3, 44/3A1, 44/3B1A, 44/3B1B, 44/3B2A, 44/3B2B) of Ottapidaram & Thoothukudi Taluks, Thoothukudi District, Tamil Nadu State, hereby take oath and state as under in this affidavit:

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

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

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

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

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

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

Declaration

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

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

SEAC Remarks:

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

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

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

SEIAA Remarks:

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

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

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

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

Part - B - Specific Conditions - Pre construction phase

Part - C - Specific Conditions - Construction phase

Part – D - Specific Conditions – Operational Phase/Post constructional

Phase / Entire life of the project.

Validity:

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

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

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

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



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

- 20. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive who will report directly to the Head of the Organization and the shortfall shall be strictly reviewed and addressed.
- 21. The EMP cost shall be deposited in a Nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.
- The project activity should not cause any disturbance & deterioration of the local bio diversity.
- 23. The project activity should not impact the water bodies. A detailed inventory of the water bodies and forest should be evaluated and fact reported to the Forest Department & PWD for monitoring.
- 24. All the assessed flora & fauna should be conserved and protected.
- 25. The proponent should strictly comply with, Tamil Nadu Government Order (Ms) No.84 Environment and forests (EC.2) Department dated 25:06:2018 regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01:01:2019 under Environment (Protection) Act, 1986.
- 26. As per MoEF & CC, Gol, Office Memorandum dated 30.03.2015, prior clearance from Forestry & Wildlife angle including clearance from obtaining committee of the National Board for Wildlife as applicable shall be obtained before starting the quarrying operation, if the project site is located within 10KM from National Park and Sanctuaries.
- Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.
- 28. The safety measures proposed in the report should be strictly followed.
- 29. The Developer shall ensure that no allotment letter/ sale deed in any form shall be made to house category A or category B industry as prescribed in the schedule of EIA notification 2006. However, in case any category A or category B type of industry as prescribed in the schedule of EIA notification 2006 is proposed then the individual unit shall apply and seek Environmental Clearance under the EIA notification 2006.
- 30. The Developer shall mandate the member industries of the Industrial Park to

- allot 33% of the plot area for green belt development and to install RWH structures.
- 31. The Developer has to ensure that all the member industries within the Industrial Park shall make their own arrangements to achieve zero discharge of the trade effluents, solid waste & E waste management, gaseous emission and noise control measures to achieve the standards prescribed by the TNPCB.
- 32. The project proponent shall ensure that the individual member units will not be allowed to carry out manufacturing of products stipulated in G.O. (Ms) No. 84 dated 25/06/2018 on banning of one time use on and throwaway plastics.
- 33. The project proponent must submit the permissible land use classification certificate obtained from competent authority for the proposed project before obtain the CTE from TNPCB.
- The CER fund shall be utilized as per the office memorandum of MoEF & CC dated 01.05.2018 before obtaining CTO from TNPCB.
- 35. The allotted industrial units shall obtain consent from the TNPCB separately for their establishment & operation in this industrial estate.
- 36. The project proponent shall ensure that 33% of the total area of the project site should be covered with green belt.
- 37. The proponent shall provide Rain Water Harvesting pits so as to recharge the ground water table.
- 38. Discharge of treated sewage shall conform to the norms & standards prescribed by the Tamil Nadu Poliution Control Board.
- 39. It is the sole responsibility of the proponent that the treated sewage disposed for green belt development/ avenue plantation should not pollute the soil/ ground water/ adjacent canals/ lakes/ ponds, etc.
- 40. The Developer has to ensure that all the member industries within the Industrial Park shall make their own arrangements to achieve zero discharge of the trade effluents.
- 41. The project proponent shall ensure that all the member units should treat and dispose solid waste & E-waste as per the Solid Waste Management Rule2016 as amended and E-Waste Management Rules, 2016
- 42. There shall be no discharge of effluent outside the Industrial Park at any time.

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

Part - B - Specific Conditions - Pre construction phase:

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

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



Part - C - Specific Conditions - Construction phase:

1. Construction Schedule:

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

2. Labour Welfare:

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

3. Water Supply:

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

- tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.
- iv) Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices prevalent.
- v) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing devises / sensor based control.

4. Solid Waste Management:

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

5. Top Soil Management:

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

6. Construction Debris disposal:

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



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

7. Diesel Generator sets:

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

8. Air & Noise Pollution Control:

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

9. Building material:

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

10. Storm Water Drainage:

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

11. Energy Conservation Measures:

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



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

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

12. Fire Safety:

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

13. Green Belt Development:

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

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

14. Sewage Treatment Plant:

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

15. Rain Water Harvesting:

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

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

16. Building Safety:

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

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

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

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

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

Copy to:

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

e Protects

Stock File.



Category of the Industry:

RED

Manadi Manada

CONSENT ORDER NO. 2201241542929

DATED: 29/07/2022.

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



SUB: TNPC Board-Consent for Establishment-M/s, SIPCOT INDUSTRIAL PARK, THOOTHUKUDI . S.F. No. S.F.nos.: 61/1, 62/2, 63/1, 70/1, 70/2, 71, 72/2A, 72/2B, 73/1, 73/2,73/4, 74/1, 74/3, 74/4, 75 1, 75/2, 75 3A, 75/3B, 75/4, 76/1, 76/2, 76/3, 76/4, 76/5, 76/6, 76/7, 77/1, 77/2, 77/3, 77/4, 77/5, 285/1A, 285/1B, 285/1C, 285/2, 286, 287, 288/1, 288/2, 288/4, 289/3, 326/1, 339, 342, 349, 362/2, 372/2, 374/4, 343/1,343/2,343/3A, 343/3B, 350/1, 350/2, 351/1,351/2A, 351/2B, 351/4, 351/5, 351/6, 353/3, 358/1A, 358/1B, 359/1, 359/2, 359/3, 359/4, 360/1, 360/2, 361/1, 364, 371/1, 371/2, 371/3, 373/1, 373/2, 373/3, 373/4, 363/1, 363/2, 363/3, 363/4, 366/1, 366/2, 366/3, 366/4, 372/1, 372 3, 374 2, 374 3, 375, 376 1A,376/1B, 406/1, 406/2, 406 3, 301 1, 315/4, 316/3, 317/3, 318/1, 288/3, 351/3, 353/4, 358/2, 361 2, 363/5, 374/1, 61/3, 62/5, 63/5, 65/2, 72/1, 73/1, 74/2, 1/2, 2/1, 2/3, 3/1, 3/3, 14/5, 17/2, 18/2, 19/3, 21/7, 38/1, 38/2, 44/4, 48/3, 51/3,128/1,12, 13, 22, 23, 24, 29, 35, 39/2, 50/2, 52/2, 55, 56, 79, 80, 81, 47/1, 47/3, 47/4, 47/5, 47/6, 62/1, 62/3A, 62/3B, 62/3C, 62/3D, 62/4, 62/6A, 62/6B, 62/7, 62/8, 63/2, 63/4A, 63/4B,63/4C, 63/6A, 63/6B, 64/1, 64/2, 65/1, 65/3, 65/4, 65/5, 307/1, 307/2, 308/1, 308/2, 309/316/1, 316/2, 316/4, 316/5, 317/1, 317/2, 61/2, 61 4, 310, 311/1A, 311/1B, 311/2A, 311/2B, 311/2C, 312, 313/1, 313/2, 314, 315/1, 315/2, 315/3, 1 1A, 1/1B, 1/3, 2/2, 2/4, 2/5, 3/2A, 3/2B,4/1, 4/2, 4/3, 6/1, 6/2, 6/3, 6/4, 7, 8/1, 8/2, 9, 10/1, 10/2, 10/3, 10/4, 11/1, 11/2, 11/3, 17/1, 18/1, 19/1, 19/2, 21/1, 21/2, 21/3, 21/4A, 21/4B, 21/4C, 21/4D, 21/5, 21/6, 5, 82/1, 82/2, 83/1, 83/2, 88/1, 88/2, 88/3A, 88/3B, 88/3C, 84/1, 84/2, 85/1, 85/2, 86/1, 86/2, 87, 89, 90/1A, 90/1B, 90/2, 124/1, 124/2, 124/3, 124/4, 124/5, 124/6, 126/1, 126/2, 127/1, 127/2, 127/3, 127/4, 128/2, 128/3, 128/4, 128/5, 14/1, 14/2, 14/3, 14/4, 15/1, 15/2, 15/3, 16/1, 16/2, 20, 25/1, 25/2, 25/3, 25/4, 25/5A, 25/5B, 26, 30/1, 30/2, 27/1A, 27/1B, 27/2, 28, 31/1, 31/2, 31/3, 32 1.32/2A, 32/2B, 32/2C, 32/2D, 32/2E, 33/1, 33/2, 33/3, 33/4, 33/5, 33/6, 34, 36/1, 36/2, 37/1, 37 2, 41/1, 41/2, 78/1A, 78/1B, 78/1C, 78/1D, 78/1E, 78/1F, 78/2, 78/3,40/1,40/2,42/1, 42/2,43/1, 43/2, 43/3, 44/1,44/2, 44/3A, 44/3B,48/1A1, 48/1A2, 48/1B, 48/2A, 48/2B, 48/2C, 49, 50/1, 50/3, 51/1, 51/2, 51/4A, 51/4B, 51/5, 51/3, 39/1, 39/3, 52/1, 52/3, 52/4, 52/5, 53/1, 53/2, 53/3, 53/4, 54/1,54/2, 54/3A, 54/3B, 54/3C, 54/4, 57/1, 57/2, 58/1, 58/2, 59/1, 59/2, 59/3, 60/of Therkuveerapandiyapuram Village in Ottapidaram Taluk & S.F.nos.: 26/6, 40/4, 46/3, 47/5, 45/1A. 45/1B, 45/2A, 45/2B, 45/2C, 45/2D, 45/3A, 45/3B, 45/3C, 45/4A, 45/4B, 45/4C, 45/5A1, 45/5A2, 45/5B, 45/5C, 45/5D1, 45/5D2, 45/5D3, 46/1, 46/2, 47/1A, 47/1B, 47/1C, 47/1D, 47/1E, 47/1F, 47/2, 47/3A, 47/3B, 47/3C, 47/3D, 47/4A, 47/4B, 47/4C, 47/4D, 48/1, 48/2, 49/1, 49/2, 50/1, 50/2, 51, 52/1, 52/2, 26/3A, 26/4, 33/PL, 34/1A1, 34/1A2, 34/1B2, 34/2A, 34/2B, 34/2C, 34/2D, 34/3, 34/4, 38/4Pt, 39/1, 39/2, 41/1, 41/2, 42/1, 42/2, 43/1,43/2,44/1A, 44/1B1, 44/1B2, 44/2A, 44/2B1, 44/2B2, 44/2B3, 44/3A1, 44/3B1A, 44/3B1B, 44/3B2A, 44/3B2B of Milavittan Village in Thoothukudi Taluk, Thoothukudi District, Tamil Nadu, THERKU V P PURAM village, Taluk and Thoothukkudi District - for the establishment or take steps to establish Ottoridaram the industry under Section 21 of the Air(Prevention and control of Pollution)Act, 1981, as amended in 1987(Central Act. 14 of 1981)-Issued -Reg.

REF: 1. Unit's application for CTE on 14.02 2022/12.04.2022

2. IR.No. F.1589TTN/RL/AEE/TTN/2022 dated 22/06/2022

3. Minutes of TSC Resolution No.201-05 dated 21.07.2022

Consent to establish or take steps to establish is hereby granted under Section 21 of the Air (Prevention and control of Pollution).

Act, 1961, as amended in 1987 and the Rules and Orders made there under to

The Managing Director.

Mis. SIPCOT INDUSTRIAL PARK, THOOTHUKUDI

S.I. No.S.F. nos. 161 (1, 62/2, 63); 70/1, 70/2, 71, 72/2A, 72/2B, 73/1, 73/2,73/4, 74/1, 74/3, 74/4, 75/1, 75/2, 75/3A,

75/3B, 75/4, 76/1, 76/2, 76/3, 76/4, 76/5, 76/6, 76/7, 77/1, 77/2, 77/3, 77/4, 77/5, 285/1A, 285/1B, 285/1C, 285/2, 286, 287, 288/1. 288/2: 288/4, 289/3, 326/1, 339, 342, 349, 362/2, 372/2, 374/4, 343/1,343/2,343/3A, 341/3H, 350/1, 350/2, 351/1,351/2A, 351/2H. 151 4 181 5 151 6 151 1 158 1A 158 1B 159 1 159 2 159 2 159 4 160 2 161 1 164 171 1 171 2 171 1 171 2 171 1 171 2 170 (171 d 161) 161 2 363 3 365 4 366 (366) 366 3 366 4 372 (372 3 374 2 374 3 375 376 (A 376) H. 406 L 406 2 466 1, 301 1, 315 4, 3 6 3, 3 72 3, 3 8 1, 288 3, 351 3, 353 4, 358 2, 361 2, 363 3, 374 1, 61 3, 62 3, 63 3, 65 2, 72 1, 73 1, 74 2, 1 3, 2(1, 2), 3(1, 3), (4, 5, 172, 182, 10, 1, 2), 7, 38(1, 382, 44, 483, 3), 3, (281, 12, 13, 22, 23, 24, 29, 35, 34, 2, 56, 2, 55, 56, 79, 80, 81, 47/1, 47/3, 47/4, 47/5, 47/6, 62/1, 62/3A, 62/3B, 62/3C, 62/3D, 62/4, 62/6A, 62/6B, 62/7, 62/8, 63/2, 63/3, 63/4A, 63/4B,63/4C, 63/6A, 63/6B, 64/1, 64/2, 65/1, 65/3, 65/4, 65/5, 307/1, 307/2, 308/1, 308/2, 309/316/1, 316/2, 316/4, 316/5, 317/1. 317/2, 61/2, 61/4, 310, 311/1A, 311/1B, 311/2A, 311/2B, 311/2C, 312, 313/1, 313/2, 314, 315/1, 315/2, 315/3, 1/1A, 1/1B, 1/3, 2/2. 24, 23, 32A, 32B, 41, 42, 43, 64, 62, 63, 64, 7, 84, 82, 9, 164, 102, 103, 104, 114, 112, 113, 174, 184, 184, 182, 214, 21/2, 21/3, 21/4A, 21/4B, 21/4C, 21/4D, 21/5, 21/6, 5, 82/1, 82/2, 83/1, 83/2, 88/1, 88/2, 88/3A, 88/BS, 88/3C, 34/1, 84/2, 85/1, 85/2, 80 1, 80 2, 87, 89, 90 LA, 90 TB, 90 2, 124 1, 124 2, 124 3, 124 4, 124 5, 124 6, 126 1, 126 2, 127 1, 127 2, 127 3, 127 4, 128 2 128/3, 128/4, 128/5, 14 1, 14/2, 14/3, 14/4, 15/1, 15/2, 15/3, 16/1, 16/2, 20, 25/1,25/2, 25/3, 25/3, 25/5A, 25/5A, 25/5A, 26/1, 36/2/27/1A, 27/1B, 27/2, 28/31/1, 31/2, 31/3, 32/1,32/2A, 32/2B, 32/2D, 32/2B, 32/2E, 33/1, 33/2, 33/3, 33/4, 33/5, 33/6, 34, 36/1, 36/2, 37/1, 37/2, 41/1, 41/2, 78/1A, 78/1B, 78/1C, 78/1D, 78/1E, 78/1F, 78/2, 78/3,46/1,40/2,42/1, 42/2,43/1, 43/2, 43/3, 44/1,44/2, 44/3A. 44/3B.48/1A1, 48/1A2, 48/1B, 48/2A, 48/2B, 48/2C, 49, 50/1, 50/3, 51/1, 51/2, 51/4A, 51/4B, 51/5, 51/3, 39/1, 39/3, 52/1, 52/3, 53/4, 52/4 51/1 51/2 53/3 53/4 54/1 54/2 54/3A, 54/3B, 54/3C, 54/4 57/1 57/2 58/1 58/2 59/1 59/2 59/3 60 or Therkuveerapandiyapuram Village in Ottapidaram Talak & S.F.nos. 26 6, 40 4, 46 3, 47 5, 45 1A, 45 1B, 45 2A, 45 2B, 45 2C. 45 2D, 45 3A, 45 3H, 45 3C, 45 4A, 45 4B, 45 4C, 45 5A1, 43 5A2, 45 5B, 45 5C, 45 5D), 45 5D2, 45 5D3, 46 1, 46 2, 47 3A, 47 (B. 47 (C. 47 (D. 47 (E. 47 (E. 47 (E. 47 (A. 47 (A. 47 (B. 47 (C. 47 (B. 47 Sti 2, St. 52 1, S2 2, 26 3 A, 26 4, 33 Pt. 34 (AT, 34 (AZ, 34 1B2, 34 2A, 34 2B, 34 2C, 34 2D, 34 3, 34 4, 38 4Pt. 59 1, 59 2, 41 J. 41(2, 42(1, 42/2, 43(1,43/2,44)) A, 44 (B), 44 (B), 44 (2A, 44/2B), 44 (2B), 44 (2B), 44 (2B), 44 (3A), 44 (3B) A, 44 (3B) B, 44 (3B of Milavittan Village in Thoothukudi Taluk, Thoothukudi District, Tamii Nadu.

THERKU V P PURAM Village.

Ompidarum Tuluk.

Thouthukkudi District.

Authorizing accupier to establish or take steps to establish the industry in the site memoried below.

S.J. San S.E. may 7 61 (1) 62 (2) 61 (1) 70 (1) 70 (2) 71 (72/2A) 72 (2B) 73 (1) 73 (2) 74 (1) 74 (1) 73 (4) 75 (1) 75 (1) 75 (2) 75 (3) 75 (B. 75 4, 16), 76 2, 76 3, 76 4, 76 5, 76 6, 76 7, 77 1, 77 2, 77 5, 77 (4, 77 5, 285) A, 285 (B. 285 (0, 285 2, 286, 287 288). 288/2, 288/4, 289/3, 32n/1, 349, 342, 349, 362/2, 372/2, 374/4, 343/1,343/2,343/3A, 343/3B, 350/1, 350/2, 351/1,351/2A, 341/2B, 351.4, 351.5, 351.6, 353.3, 358.1A, 358.1B, 359.1, 359.2, 359.3, 359.4, 360.1, 360.2, 361.1, 364, 371.1, 371.2, 371.7, 373.1, 371.2 373/3, 373/4, 363/1, 363/2, 363/3, 363/4, 366/1, 366/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 375, 376/1A, 376/1B, 206/1, 406/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 375, 376/1A, 376/1B, 206/1, 406/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 375, 376/1A, 376/1B, 206/1, 406/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 375/3/2, 376/1A, 376/1B, 206/1, 366/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 375/3/2, 376/1A, 376/1B, 206/1, 366/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/2, 374/3, 375/3/2, 374/2, 376/1A, 376/1B, 206/1A, 376/1B, 206/1A, 376/1B, 206/1B, 206/ 406/3, 301/1, 315/4, 316/3, 317/3, 318/1, 288/3, 351/3, 353/4, 358/2, 361/2, 363/5, 374/1, 61/3, 62/5, 63/5, 65/2, 72/1, 71/1, 74/2, 1/2, 2/1, 2/3, 3/1, 3/3, 14/5, 17/2, 18/2, 10/3, 21/7, 38/1, 38/2, 44/4, 48/3, 51/3, 128/1, 12, 13, 32, 23, 24, 20, 35, 39/2, 50/2, 52/2, 45/56, 70, 80, 81, 47 1, 47 3, 47 4, 47 5, 47 6, 62 1, 62 3A, 62 3B, 62 3C, 62 3D, 62 4, 62 6A, 62 6B, 62 7, 62 8, 63 2, 63 3, 65 4A, 63-48.63-40; 63-63, 63-68, 64-1; 64-2; 65-1; 65-3; 65-4; 65-5; 307-1; 307-2; 308-1; 308-2; 309.316-1; 316-2; 316-4; 316-5; 317-1; 317 2. 61 2. 61 4. 316, 317 1 A, 311 1B, 311 2A, 311 2B, 311 2C, 312, 313 1, 313 2, 314, 315 1, 315 2, 315 3, 1 1A, 1 1B, 1 3, 2 2, 24, 25, 32A, 32B, 41, 42, 43, 61, 62, 63, 64, 7, 81, 82, 9, 101, 102, 103, 104, 131, 112, 113, 171, 181, 191, 192, 211, 21/2, 21/3, 21/4A, 21/4B, 21/4C, 21/4B, 21/5, 21/6, 5, 92 L, 82/2, 83 L, 83/2, 88 L, 88/2, 88/3A, 88/3B, 88/3C, 84 L, 84/2, 85 L, 85/2, 86/1, 86/2, 87, 89, 90/1A, 90/1B, 96/2, 124/1, 124/2, 124/3, 124/4, 124/5, 124/6, 126/1, 126/2, 127/1, 137/2, 127/3, 137/4, 128/2, 128/3, 128/4, 128/5, 14/1, 14/2, 14/3, 14/4, 15/1, 15/2, 15/3, 16/1, 16/2, 20, 25/1, 25/2, 25/3, 25/4, 25/5A, 25/5B, 26, 30/1, 30/2, 27/1A. 27/1B, 27/2, 28/31/1, 31/2, 31/3, 32/1,32/2A, 32/2B, 32/2C, 32/2D, 32/2E, 33/1, 33/2, 33/3, 33/4, 33/5, 33/6, 34, 36/1, 36/2, 17/1 37/2, 41/1, 41/2, 78/1 A, 78/1 B, 78/1 C, 78/1 D, 78/1 E, 78/1 F, 78/2, 78/3,40/1,40/2,42/1, 42/2,43/1, 43/2, 43/3, 44/1,44/2, 44/1 A, 44/3B/48 1A1, 48/1A2, 48/1B, 48/2A, 48/2B, 48/2C, 49, 50/1, 50/3, 51/1, 51/2, 51/4A, 51/4B, 51/8, 51/3, 39/1, 39/1, 52/1, 52/1, 52/1, 52:5, 53:1, 53:2, 53:3, 53:4, 54:1,54:2, 54:3A, 54:3B, 54:3C, 54:4, 57:1, 57:2, 58:1, 58:2, 59:1, 59:2, 59:3, 60:of. Therkoveeropandryapurum Village in Ottopidaram Taluk & S.F.nox., 26 6, 40 4, 46 3, 47 5, 45 1 A, 45 1 B, 45 2 A, 45 2 B, 45 2 C



45:20, 45 3A, 45 3B, 45 3C, 45:4A, 45 4B, 45:4C, 45 5A1, 45:5A2, 45:5B, 45:5C, 45:5D1, 45:5D2, 45:5D3, 46:1, 46:2, 47 [A, 47:1B, 47:1C, 47:1B, 47:1E, 47:1E, 47:1C, 47:3B, 47:3C, 47:3D, 47:4A, 47:4B, 47:4C, 47:4D, 48:1, 48:2, 46:3, 46:2, 50:1, 50:2, 51, 52:1, 52:2, 26:3A, 26:4, 33:Pt, 34:1A1, 34:1A2, 34:1B2, 34:2A, 34:2B, 34:2C, 34:2D, 34:3, 34:4, 38:4Pt, 36:1, 36:2, 41:12, 42:1, 42:2, 43:1, 43:2, 44:1B1, 44:1B2, 44:2A, 44:2B1, 44:2B2, 44:2B3, 44:3A1, 44:3B1A, 44:3B1B, 44:3B2A, 44:3B2B of Miller treat Village in Thoothukudi Taluk, Thoothukudi District, Tamil Nadu.

THERKU V P PURAM Village.

Ottapidaram

Taluk:

Throthukkudi District

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

RAGUPATHI SANGANAN

Engrady organic by RAGUMATIN SANGANAN Time: 2022 07:28 18:52 02:50

For Member Secretary. Tamil Nada Pollution Control Board, Chennai

The

The Managing Director.

M « SPCOT INDUSTRIAL PARK, THOOTHUKUDI.

State Industries Promotion Corporation of Tarminada Limited, 19-A. Rukmani Lakshmipathy Read, Past Box No. 7223, Egmore, Cheman.

Piet 600000s

Copy to:

- 1. The Commissioner, OTTAPIDARAM-Panchayat Union, Ottapidaram Tuluk, Thoothukkudi District.
- 2. The District Environmental Engineer, Tamil Nada Polliston Control Board, THOOTHUKKUTH
- 5. Use JCEF-Montoring, Tarmi Nadu Pollation Control Board, TIRUNELVELL
- 4 File

SPECIAL CONDITIONS

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

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

 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.

1	Point source emission with stuck :								
Stack No.	Point Emission Source	Air pollution Control measures	Stack height from Ground Level in m	Gascous Discharge in Nm3/hr					
11	Fugitive/Noise emission :		(1773 m) 144 m						
SL No.	Fugitive or Noise Emission sources	Type of emission	Control measures						

Special Additional Conditions:

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



TAMILNADU POLLUTION CONTROL BOARD

1. The SIPCOT shall comply with the conditions stipulated in the Environmental Clearance obtained from SEIAA, TN vide Letter No. SEIAATN/F.7939/EC/8(b)/796/2022 dated 02/02/2022.

 The SIPCOT shall ensure that no process emission is let out from its activity.
 The SIPCOT shall conduct Ambient Noise level survey report and Ambient Air Quality survey. report for base line data to assess the quality of Ambient Air and Ambient Noise level and submit the report within one month's time.

4. The SIPCOT shall ensure that the allotted industries provide adequate APC/ acoustic/ odour control measures, so as to ensure that the emission satisfy the AAQ/SM/ANL standards prescribed by the

Board and for containment of odour emanating from the industries.

5. The SIPCOT shall initiate action to develop green belt in 33% of total area with native species.

6. The unit shall remit consent fee in case of revision by the Government.

RAGUPATHI SANGANAN SANCAHAN Cale 3522 Er 39 19

For Member Secretary. Tamil Nada Pollistion Control Board. Chennai

GENERAL CONDITIONS

- 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.
- The applicant shall make a request for grant of consent to operate at least thirty days, before the commissioning of trial production.
- 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).
- Consent to operate will not be issued unless the unit complies with the conditions of consent to establish.
- The unit shall provide adequate water sprinklers for the control of dust emission during the leading and unloading of construction material so as to minimize the dust emission.
- The unit shall provide water sprinklers along the temporary roads inside the premises to avoid fugitive dust emission during the vehicle movements.
- The unit shall develop green belt of adequate width around the premises.
- In case there is any change in the management, the unit shall inform the change with relevant documents immediately.

RAGUPATHI SANGANAN SANGANAN SANGANAN

Digitally represent to MATLERED A. SAME PROPERTY OF THE SAME PARTY.

For Member Secretary. Tamil Nada Patheton Control Board. Chennai



Category of the Industry

RED

Mypail Schools

CONSENT ORDER NO. 2201141542929

DATED: 29/07/2022.

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



SUB: TNPC Board-Consent for Establishment-M/S SIPCOT INDUSTRIAL PARK, THOOTHUKUDI S.F.No. S.F.nos.: 61/1, 62/2, 63/1, 70/1, 70/2, 71, 72/2A, 72/2B, 73/1, 73/2,73/4, 74/1, 74/3, 74/4, 75/1, 75/2, 75/3A, 75/3B, 75/4, 76/1, 76/2, 76/3, 76/4, 76/5, 76/6, 76/7, 77/1, 77/2, 77/3, 77/4, 77/5, 285/1A, 285/1B, 285/1C, 285/2, 286, 287, 288/1, 288/2, 288/4, 289/3, 326/1, 339, 342, 349, 362/2, 372 2, 374/4, 343 1,343/2,343/3A, 343/3B, 350/1, 350/2, 351/1,351/2A, 351/2B, 351/4, 351/5, 351 6, 353/3, 358/1A, 358/1B, 359/1, 359/2, 359/3, 359/4, 360/1, 360/2, 361/1, 364, 371 1, 371/2 371/3, 373/1, 373/2, 373/3, 373/4, 363/1, 363/2, 363/3, 363/4, 366/1, 366/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 375, 376/1A,376/1B, 406/1, 406/2, 406/3, 301/1, 315/4, 316/3, 317/3, 318/1, 288/3, 351/3, 353/4, 358/2, 361/2, 363/5, 374/1, 61/3, 62/5, 63/5, 65/2, 72/1, 73/1, 74/2, 1/2, 2/1, 2/3, 3 1, 3 3, 14/5, 17/2, 18/2, 19/3, 21/7, 38 1, 38/2, 44/4, 48/3, 51/3,128/1,12, 13, 22, 23, 24, 29, 35, 39/2, 50/2, 52/2, 55, 56, 79, 80, 81, 47/1, 47/3, 47/4, 47/5, 47/6, 62/1, 62/3A, 62/3B, 62/3C, 62/3D, 62/4, 62/6A, 62/6B, 62/7, 62/8, 63/2, 63/3, 63/4A, 63/4B, 63/4C, 63/6A, 63/6B, 64/1, 64/2, 65/1, 65/3, 65/4, 65/5, 307/1, 307/2, 308/1, 308/2, 309,316/1, 316/2, 316/4, 316/5, 317/1, 317/2, 61/2, 61.4, 310, 311/1A, 311/1B, 311/2A, 311/2B, 311/2C, 312, 313/1, 313/2, 314, 315/1, 315/2, 315/3, 1.1A, 1/1B, 1/3, 2.2, 2/4, 2/5, 3/2A, 3/2B,4/1, 4/2, 4/3, 6/1, 6/2, 6/3, 6/4, 7, 8/1, 8/2, 9, 10/1, 10/2, 10/3, 10/4, 11/1, 11/2, 11/3, 17/1, 18/1, 19/1, 19/2, 21/1, 21/2, 21/3, 21/4A, 21/4B, 21/4C, 21/4D, 21/5, 21/6, 5, 82/1, 82/2, 83/1, 83/2, 88/1, 88/2, 88/3A, 88/3B, 88/3C, 84/1, 84/2, 85/1, 85/2, 86/1, 86/2, 87, 89, 90 TA, 90/1B, 90/2, 124/1, 124/2, 124/3, 124/4, 124/5, 124/6, 126/1, 126/2, 127/1, 127 2. 127/3. 127/4. 128/2. 128/3. 128/4. 128/5. 14/1. 14/2. 14/3. 14/4. 15/1. 15/2. 15/3. 16/1. 16/2. 20. 25/1.25/2. 25/3. 25/4. 25/5A.25/5B. 26. 30/1. 30/2.27/1A. 27/1B. 27/2. 28.31/1. 31/2. 31/3. 32/1.32/2A. 32/2B. 32/2C. 32/2D. 32/2E. 33/1. 33/2. 33/3. 33/4. 33/5. 33/6. 34. 36/1. 36/2. 37/1. 37/2. 41/1. 41/2. 78/1A. 78/1B. 78/1C. 78/1D. 78/1E. 78/1F. 78/2. 78/3.40/1.40/2.42/1. 42/2.43/1. 43/2. 43/3. 44/1.44/2. 44/3A. 44/3B.48/1A/1. 48/1A/2. 48/1B. 48/2A. 48/2B. 48/2C. 49/50/1. 50/3. 51 1, 51 2, 51 4A, 51/4B, 51/5, 51 3, 39/1, 39/3, 52/1, 52/3, 52/4, 52/5, 53/1, 53/2, 53/3, 53/4, 54/1,54/2, 54/3A, 54/3B, 54/3C, 54/4, 57/1, 57/2, 58/1, 58/2, 59/1, 59/2, 59/3, 60/of Therkuveerapandiyapuram Village in Ottapidaram Taluk & S.F.nos.: 26/6, 40/4, 46/3, 47/5, 45/1A, 45/1B. 45/2A. 45/2B. 45/2C. 45/2D. 45/3A.45/3B. 45/3C. 45/4A. 45/4B. 45/4C. 45/5A1. 45/5A2. 45/5B. 45/5C. 45/5D1. 45/5D2. 45/5D3. 46/1. 46/2. 47/1A. 47/1B. 47/1C. 47/1D. 47/1E. 47/1F. 47/2, 47/3A, 47/3B, 47/3C, 47/3D, 47/4A, 47/4B, 47/4C, 47/4D, 48/1, 48/2, 49/1, 49/2, 50/1, 50/2, 51, 52/1, 52/2, 26/3A, 26/4, 33/PL 34/IA1, 34/IA2, 34/IB2, 34/2A, 34/2B, 34/2C, 34/2D, 34/3, 34/4, 38/4Pt, 39/1, 39/2, 41/1, 41/2, 42/1, 42/2, 43/1,43/2,44/1A, 44/1B1, 44/1B2, 44/2A, 44/2B1, 44/2B2, 44/2B3, 44/3A1, 44/3B1A, 44/3B1B, 44/3B2A, 44/3B2B of Milavittan Village in Thoothukudi Taluk, Thoothukudi District, Tamil Nadu, THERKU V P PURAM Village, Ottapidaram Taluk, Thoothukkudi District - for the establishment or take steps to establish the industry under Section 25 of the Water (Prevention and control of Pollution) Act, 1974, as amended in 1988(Central Act 6 of 1974)- Issued- Reg.

REF: 1. Unit's application for CTE on 14.02.2022/ 12.04.2022

IR.No : F.1589TTN/RL/AEE/TTN/2022 dated 22/06/2022

3. Minutes of TSC Resolution No.201-05 dated 21.07.2022

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

The Managing Director.

SPECOT INDUSTRIAL PARK, THOOTHUKUDI

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

S.F. No.S.F.nos.: 61/1, 62/2, 63/1, 70/1, 70/2, 71, 72/2A, 72/2B, 73/1, 73/2,73/4, 74/1, 74/3, 74/4, 75/1, 75/2, 75/1A 75/3B, 75/4, 76/1, 76/2, 76/3, 76/4, 76/5, 76/6, 76/7, 77/1, 77/2, 77/3, 77/4, 77/5, 285/1A, 285/1B, 285/1C, 285/2, 286, 287, 388/1. 288/2, 288/4, 289/3, 326/1, 339, 342, 349, 362/2, 372/2, 374/4, 343/1,343/2,343/3A, 343/3B, 350/1, 350/2, 351/1,351/2A, 351/2B, 351/4, 351/5, 351/6, 353/3, 358/1A, 358/1B, 359/1, 359/2, 359/3, 359/4, 360/1, 360/2, 361/1, 364, 371/1, 371/2, 371/3, 373/1, 373/2, 373/3, 373/4, 363/1, 363/2, 363/3, 363/4, 366/1, 366/2, 366/3, 366/4, 372/1, 372/3, 374/2, 374/3, 378, 376/1A, 376/1B, 406/1, 406/2, 406/3, 301 (1, 315/4, 316/3, 317/3, 318/1, 288/3, 351/3, 353/4, 358/2, 361/2, 363/5, 374/1, 61/3, 62/5, 63/5, 65/2, 72/1, 73/1, 74/2, 1/2 2/1, 2/3, 3/1, 3/3, 14/5, 17/2, 18/2, 19/3, 21/7, 38/1, 38/2, 44/4, 48/3, 51/3,128/1,12, 13, 22, 23, 24, 29, 35, 39/2, 50/2, 52/2, 56, 56, 59 80, 81, 47 1, 47 3, 47 4, 47 5, 47 6, 62 1, 62 3A, 62 3B, 62 3C, 62 3D, 62 4, 62 6A, 62 6B, 62 7, 62 8, 63 2, 63 7, 63 4A. 63 48,63 40, 63 6A, 63 6B, 64 1, 64 2, 65 1, 65 3, 65 4, 65 5, 307/1, 307/2, 308 1, 308/2, 309,316 1, 316/2, 316/4, 316/5, 317 1, 317/2, 61/2, 61/4, 310, 311/1A, 311/1B, 311/2A, 311/2B, 311/2C, 312, 313/1, 313/2, 314, 315/1, 315/2, 315/3, 1/1A, 1/1B, 1/3, 2/2, 24, 25, 32A, 32B, 44, 42, 43, 64, 62, 63, 64, 7, 84, 82, 9, 10/1, 10/2, 10/3, 10/4, 11/1, 11/2, 11/3, 17/1, 18/1, 19/1, 19/2, 21/1. 21/2, 21/3, 21/4A, 21/4B, 21/4C, 21/4D, 21/5, 21/6, 5, 82/1, 82/2, 83/1, 83/2, 88/1, 88/2, 88/3A, 88/3B, 88/3C, 84/1, 84/2, 85/1, 85/2, 86/1, 86/2, 87, 89, 90/1A, 90/1B, 90/2, 124/1, 124/2, 124/3, 124/4, 124/5, 124/6, 126/1, 126/2, 127/1, 127/2, 127/3, 127/4, 128/2, 128/3, 128/4, 128/5, 14/1, 14/2, 14/3, 14/4, 15/1, 15/2, 15/3, 16/1, 16/2, 20, 25/1, 25/2, 25/3, 25/4, 25/5A, 25/3B, 26, 30/1, 30/2/27/1A. 27/1B: 27/2: 28/31 1: 31/2: 31/3: 32 1: 32/2A: 32/2B: 32/2C: 32/2D: 32/2E: 33/1: 33/2: 33/3: 33/4: 33/5: 33/6: 34/36/2: 37/1: 37/2, 41/1, 41/2, 78 (A, 78 (B, 78 (C, 78 (D, 78 (E, 78 (F, 78/2, 78/3 40 (40/2 42/1, 42/2 43/1, 43/2 43/3, 44/1, 44/2, 44/3A). 44 3H 48 1A L 48 1A2, 48 1H, 48 2A, 48 2H, 48 2C, 49, 50 1, 50 3, 51 1, 51 2, 51 4A, 51 4B, 51 5, 51 3, 39 1, 39 3, 52 1, 52 3, 52 4, 52 5, 53 1, 53 2, 53 3, 53 4, 54 1,54 2, 54 3A, 54 3B, 54 3C, 54 4, 57 1, 57 2, 58 1, 58 2, 59 1, 59 2, 59 3, 60 of Therkoveerapandiyapuram Village in Ottapidaram Taluk & S.F.nos. 26/6, 40/4, 46/3, 47/5, 45/1A, 45/1B, 45/2A, 45/2B, 45/2C. 45/2D, 45/3A, 45/3B, 45/3C, 45/4A, 45/4B, 45/4C, 45/5A1, 45/5A2, 45/5B, 45/5C, 45/5D1, 45/5D2, 45/5D3, 46/1, 46/2, 47/1A. 47/1B. 47/1C. 47/1D. 47/1E. 47/1F. 47/2, 47/3A. 47/3B, 47/3C, 47/3D, 47/4A, 47/4B, 47/4C, 47/4D, 48/1, 48/2, 49/1, 49/2, 50/1. 50/2, 51, 52/1, 52/2, 26/3A, 26/4, 33/Pt, 34/1A1, 34/1A2, 34/1B2, 34/2A, 34/2B, 34/2C, 34/2D, 34/3, 34/4, 38/4Pt, 39/1, 39/2, 41/1, 41/2, 42/1, 42/2, 43/1,43/2,44/1A, 44/1B1, 44/1B2, 44/2A, 44/2B1, 44/2B2, 44/2B3, 44/3A1, 44/3B1A, 44/3B1B, 44/3B2A, 44/3B2B of Milavittan Village in Thoothukudi Taluk, Thoothukudi District, Tamil Nadu.

THERKU V P PURAM Village.

Ottopidamen Taruk,

Theothakkudi District

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

RAGUPATHI SANGANAN Diplot opinion, ellipsette Selections Date 2003 of the nation of the

For Member Secretary. Tamit Nadu Pollution Control Board. Chennai

To

The Managing Director,

MINSIPCOT INDUSTRIAL PARK, THOOTHUKUDI.

State Industries Promotion Corporation of Tamilnadu Limited, 19-A. Rukmani Lakshmipathy Road, Post Box No. 7223; Eganare, Chennai.

Pin: 600008

Copy to:

- L'The Commissioner, OTTAPIDARAM-Panchayat Union, Onapidarum Tahak, Thoothukkudi District
- 2. The District Forcingmental Engineer, Turnit Nada Pollution Control Board, THOOTHUKKUDI.
- 3. The JCEE-Monitoring, Turnil Nadu Pollution Control Board, TIRUNELVELL
- 4. File



SPECIAL CONDITIONS

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		The state of the s	
1.	SIPCOT Industrial Park at Thoothukudi is an Infrastructure development project in a total area of 466.503 Hectares (1152.262 Acres). It involves development and maintenance of infrastructure such as roads, storm water drains, water supply, power supply through TANGEDCO, street lights, green belt development and other such amenities to accommodate following type of industries 1. Engineering /Auto components/Furniture Manufacturing 2. Packaging industries 3. Agro & Food 4. Eco friendly building materials (Fly ash bricks/ blocks manufacturing etc.) 5. Electronics/Electrical and Allied industries 6. Any other industries Not under the preview of EIA Notification 2006 and its amendments.	466.503	Hectares	
	By-Product Details			
4	Nii	0	0	

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

a a	Sewage Treatment Plant:	wage Treatment Plant:								
	Treatment	status: Septic Tank and S	P/DT							
SL No.	Name of the Treatment Unit	No. of Units	Dimensions in metres							
1.	Septic Tank	1	4.2 m x 2.3 m x 1.9m							
2		1	1.0 m dia x 2.5 m H							
b	Effluent Treatment Plant:									
	Treatment status: N	trade effluent and hence	does not arise							
SL. No.	Name of the Treatment Unit	No. of Units	Dimensions in metres							
31.										
2.										
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	Point of disposal		
Effluent Ty	pe : Sewage			
1.	Sewage from Administrative Building	0.85	Septic Tank followed by Soak Pit	
Effluent Tv			Soak Pit	

4. Special Additional Conditions:



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

5 Additional Conditions:

The SIPCOT shall comply with the conditions stipulated in the Environmental Clearance obtained from SEIAA, TN vide Letter No. SEIAATN/F 7939/EC/8(b)/796/2022 dated 02/02/2022.
 The issue of CTE to the project shall not be construed as CTO and shall not commission the project.

without obtaining CTO from the Board

3. The SIPCOT shall start its establishment activities only after getting the necessary project building approvals from the competent authorities.

4. In accordance with Item No.9 of the EIA Notification, 2006, the SIPCOT shall possess valid EC while applying for CTO of the Board.

5. In accordance with Item No.11 of the EIA Notification, 2006, SIPCOT shall obtain NOC from MoEF/ SEIAA in the event of transfer of original EC in a different name.

This consent order does not absolve from obtaining necessary permission. Clearance from other Authority or under other statutes as applicable.

The SIPCOT shall obtain and furnish the approved planning permission from the Competent

Authority while applying for CTO of the Board.

8. The SIPCOT shall obtain and furnish the land use classification certificate from Competent Authority while applying for CTO of the Board.

9. The stability of the entire building does not falls under the purview of the TNPC Board.

10. The SiPCOT shall allow only the industries that do not attract the provisions of EIA notification 2006 as amended in the industrial park as per the EC obtained.

11. The SIPCOT shall ensure that the allotted industrial units obtain consent from the TNPCB separately for their establishment & operation in this industrial estate.

12. The SIPCOT shall provide Septic Tank followed by Soak Pit to treat the Sewage generated from SIPCOT Administrative Building, so as to achieve the standards prescribed by the Board

13. The SIPCOT shall obtain and furnish necessary permission / NOC for water supply from the

TWAD Board / competent Authority while applying for CTO of the Board.

14. The SIPCOT shall submit baseline data for ground water to assess the quality of ground water. around TKM radius outside the boundary of the project and also from available open wells inside the premises within a month's time.

15. The SIPCOT shall monitor the ground water in and around the unit premises periodically, so as to assess its quality and submit the ROA of the same to the Board.

16. The SIPCOT shall provide a common solid waste treatment and disposal facility for the disposal of solid wastes (bio degradable wastes) to be generated from the industries

17. The bio degradable solid waste, non bio degradable solid waste, STP sludge, etc., shall be properly collected, segregated and disposed as per the provision of Solid waste(Management and Handling) Rules, 2016.

18. The SIPCOT shall allot 5% of the total plot area for Solid Waste Management as per the Solid waste Management Rules, 2016 as amended

19. The SIPCOT shall provide Rain Water Harvesting pits so as to recharge the ground water table.

20. The SIPCOT shall ensure that the plastic wastes are segregated and disposed as per the provisions of Plastic Waste (Management and Handling) Rules, 2016.

21. The SIPCOT shall properly develop the common amenities like road. Storm water drain, street lights, water supply pipelines and avenue plantation in OSR area.

The SIPCOT shall earmark the buffer zone all around the periphery of the layout.

23. The SIPCOT shall provide solar powered lights for illumination of common areas, lighting for gardens and street lighting.

24. Compensation is to be paid for land acquisition as fixed by the District Collector and District

Magistrate as civil liability, if applicable.

25. The SIPCOT shall ensure that all the allotted industries implement ZLD system for treating the trade effluent and shall ensure that no treated/untreated sewage or trade effluent gain access outside the unit premises on land water sources under any circumstance as these proposed park falls under the catchment area of nearby eri's

26. The SIPCOT shall ensure that the allotted units not dig any well or bore well inside their premises for drawing of ground water.

27. The SIPCOT shall comply with the E- waste Management Rules, 2016. E-waste as listed in Schedule - I if generated, shall be channelized through collection centre or dealer of authorized producer or dismantler or recycler or through the designated take back service provider of the producer to authorized dismantler or recycler. The unit shall maintain records of e- waste generation in Form – 2 and make such records available for scrutiny by the TNPCB.

28. The SIPCOT shall ensure that the Industries housed in the Industrial Estate treat and dispose the sewage, trade effluent, solid waste, hazardous waste & E-waste disposal in compliance with the respective Acts.

The unit shall remit consent fee in case of revision by the Government.



TAMILNADU POLLUTION CONTROL BOARD

RAGUPATHI SANGANAN

Displays represent AND PARTIES SANGARAN SANGARAN

For Member Secretary, Tamil Nadu Pullution Control Board, Chemai

GENERAL CONDITIONS

- 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.
- The applicant shall make a request for grant of consent to operate at least thirty days, before the commissioning of trial production.
- 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).
- Consent to operate will not be issued unless the unit complies with the conditions of consent to establish.
- 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.
- The unit shall provide water sprinklers along the temporary roads inside the premises to avoid fugitive dust emission during the vehicle movements.
- The unit shall develop green belt of adequate width around the premises.
- In case there is any change in the management, the unit shall inform the change with relevant documents immediately.

RAGUPATHI SANGANAN Departs represented Additional in Securities Specialistics (Astronomical In-

For Member Secretary, Tamil Nada Pollution Control Buard, Chennai

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.**

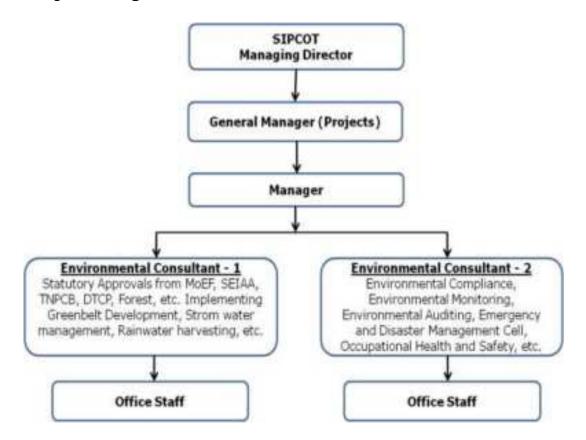


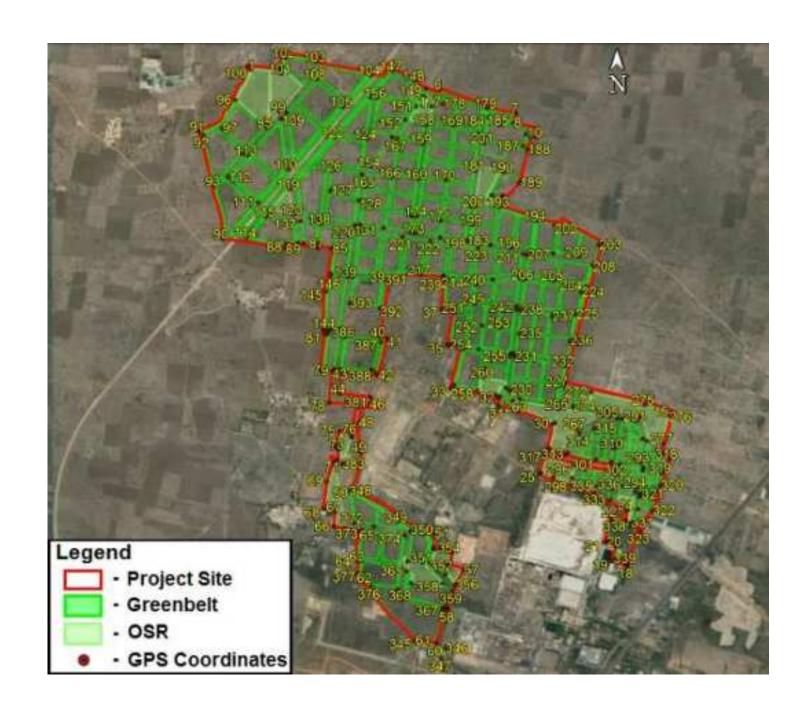
Figure - 1 Organogram for Environmental Management Cell

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
		> Responsible for overall environmental management.
		Regularly conduct meeting with EMC and take feedback regarding all the activities performed under
1	Managing Director	Environmental Management and give directions to
	Managing Director	succeeding component.
		 Approval of funds for carrying out environmental
		management activities.
		Keep aware about all the activities performed under
		EMC in the industrial parks.
		> Issuing direction to Project officers for implementing
2	GM - Projects	Greenbelt development, Storm water management, rain
		water harvesting, etc.
		> To deal with legal entity pertaining to environmental
		issues.
		> To prepare and allocate budget for Environment
	Manager	Management Plan.
		> Ensuring compliance to the conditions prescribed by
3		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.
		Obtaining Statutory Approvals from MoEF&CC / SEIAA /
		TNPCB, etc.
		Addressing the various queries received from statutory
	Environmental	authorities on environmental front.
4	Consultants (Two)	> 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.



Green Belt Coordinates

SNo	Latitude	Longitude									
1	8°51' 14.339" N	78°3' 42.752" E	101	8°51' 12.748" N	78°3' 50.026" E	201	8°50' 58.129" N	78°4' 33.076" E	301	8°49' 49.545" N	78°4' 54.501" E
2	8°51' 13.709" N	78°3' 49.773" E	102	8°51' 16.064" N	78°3' 50.867" E	202	8°50' 40.867" N	78°4' 48.044" E	302	8°49' 48.430" N	78°5' 1.414" E
3	8°51' 17.174" N	78°3' 49.797" E	103	8°51' 15.222" N	78°3' 57.399" E	203	8°50' 36.727" N	78°4' 57.507" E	303	8°49' 50.572" N	78°5' 1.983" E
4	8°51' 15.907" N	78°3' 58.068" E	104	8°51' 12.459" N	78°4' 9.008" E	204	8°50' 28.130" N	78°4' 54.875" E	304	8°49' 55.029" N	78°5' 1.719" E
5	8°51' 14.097" N	78°4' 13.268" E	105	8°51' 5.794" N	78°4' 3.059" E	205	8°50' 29.319" N	78°4' 47.930" E	305	8°50' 0.638" N	78°4' 59.752" E
6	8°51' 9.492" N	78°4' 23.703" E	106	8°50' 53.970" N	78°3' 52.419" E	206	8°50' 29.493" N	78°4' 41.635" E	306	8°50' 0.219" N	78°5' 1.433" E
7	8°51' 4.439" N	78°4' 39.978" E	107	8°51' 4.513" N	78°3' 51.164" E	207	8°50' 34.661" N	78°4' 42.276" E	307	8°49' 55.030" N	78°5' 0.815" E
8	8°51' 2.363" N	78°4' 39.398" E	108	8°51' 11.597" N	78°3' 57.428" E	208	8°50' 32.485" N	78°4' 56.196" E	308	8°49' 55.915" N	78°4' 54.344" E
9	8°51' 1.199" N	78°4' 44.622" E	109	8°51' 3.247" N	78°3' 49.967" E	209	8°50' 34.255" N	78°4' 53.167" E	309	8°49' 54.985" N	78°4' 54.261" E
10	8°50' 59.358" N	78°4' 44.250" E	110	8°50' 52.648" N	78°3' 51.301" E	210	8°50' 35.005" N	78°4' 47.848" E	310	8°49' 54.034" N	78°5' 0.651" E
11	8°50' 59.436" N	78°4' 43.119" E	111	8°50' 45.631" N	78°3' 45.101" E	211	8°50' 34.753" N	78°4' 41.462" E	311	8°49' 51.175" N	78°5' 0.179" E
12	8°50' 45.158" N	78°4' 35.999" E	112	8°50' 50.969" N	78°3' 38.674" E	212	8°50' 30.229" N	78°4' 40.793" E	312	8°49' 51.697" N	78°4' 56.913" E
13	8°50' 37.326" N	78°4' 58.305" E	113	8°50' 55.600" N	78°3' 42.812" E	213	8°50' 29.505" N	78°4' 34.984" E	313	8°49' 53.113" N	78°4' 50.929" E
14	8°50' 7.828" N	78°4' 50.283" E	114	8°50' 38.343" N	78°3' 42.629" E	214	8°50' 29.496" N	78°4' 29.646" E	314	8°49' 57.168" N	78°4' 53.440" E
15	8°50' 1.699" N	78°5' 13.212" E	115	8°50' 42.706" N	78°3' 46.696" E	215	8°50' 29.474" N	78°4' 25.244" E	315	8°49' 58.125" N	78°4' 56.453" E
16	8°49' 52.730" N	78°5' 10.828" E	116	8°50' 41.828" N	78°3' 52.875" E	216	8°50' 30.324" N	78°4' 24.453" E	316	8°49' 48.848" N	78°4' 45.205" E
17	8°49' 52.054" N	78°5' 12.775" E	117	8°50' 37.160" N	78°3' 53.531" E	217	8°50' 30.409" N	78°4' 19.619" E	317	8°49' 52.028" N	78°4' 46.094" E
18	8°49' 29.346" N	78°5' 3.573" E	118	8°50' 43.880" N	78°3' 47.605" E	218	8°50' 30.268" N	78°4' 10.240" E	318	8°49' 51.825" N	78°5' 12.252" E
19	8°49' 30.256" N	78°5' 0.273" E	119	8°50' 48.422" N	78°3' 51.743" E	219	8°50' 30.527" N	78°4' 5.300" E	319	8°49' 48.836" N	78°5' 10.895" E
20	8°49' 33.452" N	78°5' 1.168" E	120	8°50' 43.111" N	78°3' 52.492" E	220	8°50' 39.750" N	78°4' 6.521" E	320	8°49' 46.165" N	78°5' 10.584" E
21	8°49' 34.223" N	78°4' 58.642" E	121	8°50' 49.974" N	78°3' 53.008" E	221	8°50' 38.439" N	78°4' 15.742" E	321	8°49' 43.432" N	78°5' 9.409" E
22	8°49' 39.691" N	78°5' 0.084" E	122	8°50' 59.370" N	78°4' 1.258" E	222	8°50' 37.550" N	78°4' 21.695" E	322	8°49' 40.935" N	78°5' 8.853" E
23	8°49' 38.806" N	78°5' 3.287" E	123	8°51' 7.791" N	78°4' 9.066" E	223	8°50' 36.048" N	78°4' 31.842" E	323	8°49' 36.610" N	78°5' 6.303" E
24	8°49' 41.014" N	78°5' 3.510" E	124	8°50' 59.020" N	78°4' 8.160" E	224	8°50' 26.792" N	78°4' 53.784" E	324	8°49' 37.616" N	78°5' 5.466" E
25	8°49' 48.641" N	78°4' 44.785" E	125	8°50' 51.576" N	78°4' 7.051" E	225	8°50' 22.174" N	78°4' 52.587" E	325	8°49' 41.215" N	78°5' 5.891" E
26	8°49' 52.504" N	78°4' 45.906" E	126	8°50' 52.379" N	78°4' 0.808" E	226	8°50' 7.807" N	78°4' 50.183" E	326	8°49' 43.771" N	78°5' 6.188" E
27	8°49' 49.100" N	78°5' 1.119" E	127	8°50' 48.147" N	78°4' 0.373" E	227	8°50' 7.027" N	78°4' 48.893" E	327	8°49' 44.042" N	78°5' 8.585" E
28	8°49' 50.255" N	78°5' 1.311" E	128	8°50' 46.078" N	78°4' 6.454" E	228	8°50' 3.341" N	78°4' 48.322" E	328	8°49' 44.457" N	78°5' 6.317" E
29	8°49' 53.757" N	78°4' 46.392" E	129	8°50' 40.894" N	78°4' 5.698" E	229	8°50' 4.431" N	78°4' 40.737" E	329	8°49' 49.387" N	78°5' 6.934" E
30	8°49' 59.170" N	78°4' 47.744" E	130	8°50' 42.158" N	78°3' 58.072" E	230	8°50' 6.200" N	78°4' 38.568" E	330	8°49' 44.819" N	78°5' 5.260" E
31	8°50' 2.914" N	78°4' 36.168" E	131	8°50' 39.724" N	78°4' 5.383" E	231	8°50' 13.253" N	78°4' 39.520" E	331	8°49' 38.322" N	78°5' 4.254" E
32	8°50' 4.609" N	78°4' 36.178" E	132	8°50' 30.657" N	78°4' 4.053" E	232	8°50' 11.317" N	78°4' 50.257" E	332	8°49' 41.345" N	78°5' 3.867" E
33	8°50' 6.640" N	78°4' 25.921" E	133	8°50' 30.698" N	78°4' 0.508" E	233	8°50' 12.651" N	78°4' 50.313" E	333	8°49' 43.076" N	78°4' 59.777" E
34	8°50' 15.059" N	78°4' 28.070" E	134	8°50' 36.295" N	78°4' 1.156" E	234	8°50' 13.846" N	78°4' 39.528" E	334	8°49' 44.748" N	78°4' 56.740" E
35	8°50' 15.734" N	78°4' 25.242" E	135	8°50' 37.027" N	78°3' 57.756" E	235	8°50' 18.108" N	78°4' 40.598" E	335	8°49' 45.959" N	78°4' 56.928" E
36	8°50' 22.854" N	78°4' 26.590" E	136	8°50' 37.110" N	78°3' 54.741" E	236	8°50' 16.599" N	78°4' 51.370" E	336	8°49' 45.378" N	78°5' 0.078" E
37	8°50' 23.212" N	78°4' 24.084" E	137	8°50' 41.766" N	78°3' 54.027" E	237	8°50' 21.689" N	78°4' 47.532" E	337	8°49' 38.828" N	78°5' 0.403" E

SNo	Latitude	Longitude									
38	8°50' 30.033" N	78°4' 24.486" E	138	8°50' 41.136" N	78°3' 58.409" E	238	8°50' 23.092" N	78°4' 40.785" E	338	8°49' 37.483" N	78°5' 4.148" E
39	8°50' 29.959" N	78°4' 12.888" E	139	8°50' 30.028" N	78°4' 3.978" E	239	8°50' 29.121" N	78°4' 24.995" E	339	8°49' 29.865" N	78°5' 3.379" E
40	8°50' 17.461" N	78°4' 10.948" E	140	8°50' 19.187" N	78°4' 2.532" E	240	8°50' 28.390" N	78°4' 31.361" E	340	8°49' 30.638" N	78°5' 1.059" E
41	8°50' 17.068" N	78°4' 12.430" E	141	8°50' 10.637" N	78°4' 1.221" E	241	8°50' 29.698" N	78°4' 40.783" E	341	8°49' 33.660" N	78°5' 1.882" E
42	8°50' 9.352" N	78°4' 10.480" E	142	8°50' 11.055" N	78°3' 59.100" E	242	8°50' 23.963" N	78°4' 40.023" E	342	8°49' 34.556" N	78°4' 59.360" E
43	8°50' 9.922" N	78°4' 2.780" E	143	8°50' 19.001" N	78°4' 0.487" E	243	8°50' 24.516" N	78°4' 35.079" E	343	8°49' 17.840" N	78°4' 14.119" E
44	8°50' 5.528" N	78°4' 2.384" E	144	8°50' 19.358" N	78°3' 59.378" E	244	8°50' 25.243" N	78°4' 30.743" E	344	8°49' 17.186" N	78°4' 15.218" E
45	8°50' 4.816" N	78°4' 8.963" E	145	8°50' 26.994" N	78°3' 59.573" E	245	8°50' 24.366" N	78°4' 31.079" E	345	8°49' 13.590" N	78°4' 18.521" E
46	8°50' 3.208" N	78°4' 8.710" E	146	8°50' 30.199" N	78°4' 0.481" E	246	8°50' 23.198" N	78°4' 39.926" E	346	8°49' 11.908" N	78°4' 24.778" E
47	8°50' 10.531" N	78°4' 9.235" E	147	8°51' 13.359" N	78°4' 13.643" E	247	8°50' 13.968" N	78°4' 38.783" E	347	8°49' 9.936" N	78°4' 24.041" E
48	8°49' 59.386" N	78°4' 6.368" E	148	8°51' 11.292" N	78°4' 18.449" E	248	8°50' 14.921" N	78°4' 31.982" E	348	8°49' 45.024" N	78°4' 4.276" E
49	8°49' 53.250" N	78°4' 6.859" E	149	8°51' 9.517" N	78°4' 20.736" E	249	8°50' 15.227" N	78°4' 28.914" E	349	8°49' 38.607" N	78°4' 14.798" E
50	8°49' 45.491" N	78°4' 4.992" E	151	8°51' 5.855" N	78°4' 18.697" E	250	8°50' 15.896" N	78°4' 26.044" E	350	8°49' 35.914" N	78°4' 20.255" E
51	8°49' 36.101" N	78°4' 22.453" E	150	8°51' 7.979" N	78°4' 20.263" E	251	8°50' 22.480" N	78°4' 26.889" E	351	8°49' 30.034" N	78°4' 20.082" E
52	8°49' 33.065" N	78°4' 22.382" E	152	8°51' 3.051" N	78°4' 16.331" E	252	8°50' 19.813" N	78°4' 32.634" E	352	8°49' 30.065" N	78°4' 21.476" E
53	8°49' 32.529" N	78°4' 23.828" E	153	8°50' 59.403" N	78°4' 13.545" E	253	8°50' 19.386" N	78°4' 36.561" E	353	8°49' 32.820" N	78°4' 22.375" E
54	8°49' 32.983" N	78°4' 23.993" E	154	8°50' 53.149" N	78°4' 8.979" E	254	8°50' 14.854" N	78°4' 28.560" E	354	8°49' 32.139" N	78°4' 25.985" E
55	8°49' 32.418" N	78°4' 26.386" E	155	8°51' 0.110" N	78°4' 9.345" E	255	8°50' 13.319" N	78°4' 38.570" E	355	8°49' 29.533" N	78°4' 25.388" E
56	8°49' 29.602" N	78°4' 25.700" E	156	8°51' 7.644" N	78°4' 10.282" E	256	8°50' 6.761" N	78°4' 37.695" E	356	8°49' 25.323" N	78°4' 26.928" E
57	8°49' 28.449" N	78°4' 28.665" E	157	8°51' 6.016" N	78°4' 19.976" E	257	8°50' 5.217" N	78°4' 35.701" E	357	8°49' 27.548" N	78°4' 24.872" E
58	8°49' 20.197" N	78°4' 25.490" E	158	8°51' 2.036" N	78°4' 20.605" E	258	8°50' 6.182" N	78°4' 31.664" E	358	8°49' 25.655" N	78°4' 24.291" E
59	8°49' 20.226" N	78°4' 24.673" E	159	8°50' 58.021" N	78°4' 20.010" E	259	8°50' 7.305" N	78°4' 26.740" E	359	8°49' 24.046" N	78°4' 26.338" E
60	8°49' 13.075" N	78°4' 22.982" E	160	8°50' 50.605" N	78°4' 19.006" E	260	8°50' 8.953" N	78°4' 32.978" E	360	8°49' 25.747" N	78°4' 17.584" E
61	8°49' 13.650" N	78°4' 18.459" E	161	8°50' 42.804" N	78°4' 17.785" E	261	8°50' 10.805" N	78°4' 33.225" E	361	8°49' 22.873" N	78°4' 16.569" E
62	8°49' 27.531" N	78°4' 5.921" E	162	8°50' 39.362" N	78°4' 17.526" E	262	8°50' 4.865" N	78°4' 36.511" E	362	8°49' 20.645" N	78°4' 25.120" E
63	8°49' 30.328" N	78°4' 6.416" E	163	8°50' 40.323" N	78°4' 11.694" E	263	8°50' 1.765" N	78°4' 40.204" E	363	8°49' 20.461" N	78°4' 24.349" E
64	8°49' 30.587" N	78°4' 5.482" E	164	8°50' 41.017" N	78°4' 6.720" E	264	8°50' 3.987" N	78°4' 39.290" E	364	8°49' 22.547" N	78°4' 16.235" E
65	8°49' 36.440" N	78°4' 6.502" E	165	8°50' 48.933" N	78°4' 7.881" E	265	8°50' 2.227" N	78°4' 48.966" E	365	8°49' 28.176" N	78°4' 16.658" E
66	8°49' 37.592" N	78°4' 1.104" E	166	8°50' 50.867" N	78°4' 13.408" E	266	8°50' 0.789" N	78°4' 57.807" E	366	8°49' 22.421" N	78°4' 15.745" E
67	8°49' 40.706" N	78°4' 1.453" E	167	8°50' 59.131" N	78°4' 14.607" E	267	8°49' 58.092" N	78°4' 52.671" E	367	8°49' 20.198" N	78°4' 24.190" E
68	8°49' 41.282" N	78°3' 58.914" E	168	8°51' 6.429" N	78°4' 28.153" E	268	8°49' 53.350" N	78°4' 49.601" E	368	8°49' 22.069" N	78°4' 15.527" E
69	8°49' 47.070" N	78°3' 59.669" E	169	8°51' 1.950" N	78°4' 26.585" E	269	8°49' 54.046" N	78°4' 46.987" E	369	8°49' 30.266" N	78°4' 16.840" E
70	8°49' 51.022" N	78°4' 1.107" E	170	8°50' 50.353" N	78°4' 25.017" E	270	8°49' 59.346" N	78°4' 48.145" E	370	8°49' 36.568" N	78°4' 17.478" E
71	8°49' 50.849" N	78°4' 3.186" E	171	8°50' 41.842" N	78°4' 23.988" E	271	8°50' 7.263" N	78°4' 49.964" E	371	8°49' 37.689" N	78°4' 9.684" E
72	8°49' 51.577" N	78°4' 1.876" E	172	8°50' 38.254" N	78°4' 23.821" E	272	8°50' 5.779" N	78°4' 55.918" E	372	8°49' 38.320" N	78°4' 5.425" E
73	8°49' 53.830" N	78°4' 2.141" E	173	8°50' 39.209" N	78°4' 18.427" E	273	8°50' 1.699" N	78°4' 59.337" E	373	8°49' 36.778" N	78°4' 7.084" E
74	8°49' 54.609" N	78°4' 1.550" E	174	8°50' 42.792" N	78°4' 18.877" E	274	8°50' 2.776" N	78°4' 51.992" E	374	8°49' 35.717" N	78°4' 16.201" E
75	8°49' 57.639" N	78°4' 2.340" E	175	8°50' 51.074" N	78°4' 19.996" E	275	8°50' 3.149" N	78°5' 7.341" E	375	8°49' 24.322" N	78°4' 14.714" E
76	8°49' 57.026" N	78°4' 4.774" E	176	8°50' 58.773" N	78°4' 21.059" E	276	8°50' 0.950" N	78°5' 12.347" E	376	8°49' 25.004" N	78°4' 8.975" E
77	8°50' 3.284" N	78°4' 6.409" E	177	8°51' 5.849" N	78°4' 21.992" E	277	8°49' 55.003" N	78°5' 11.243" E	377	8°49' 27.707" N	78°4' 6.527" E

SNo	Latitude	Longitude									
78	8°50' 3.606" N	78°4' 0.122" E	178	8°51' 6.328" N	78°4' 24.284" E	278	8°49' 55.130" N	78°5' 8.183" E	378	8°49' 30.464" N	78°4' 7.112" E
79	8°50' 10.275" N	78°4' 0.840" E	179	8°51' 5.469" N	78°4' 33.766" E	279	8°49' 54.317" N	78°5' 6.690" E	379	8°49' 50.857" N	78°4' 1.399" E
80	8°50' 10.568" N	78°3' 58.282" E	180	8°51' 0.016" N	78°4' 32.113" E	280	8°49' 52.456" N	78°5' 10.641" E	380	8°49' 37.226" N	78°4' 3.475" E
81	8°50' 17.976" N	78°3' 59.203" E	181	8°50' 52.417" N	78°4' 31.272" E	281	8°49' 49.230" N	78°5' 11.511" E	381	8°50' 2.674" N	78°4' 6.215" E
82	8°50' 18.005" N	78°3' 59.810" E	182	8°50' 44.882" N	78°4' 30.220" E	282	8°49' 50.021" N	78°5' 7.011" E	382	8°49' 56.350" N	78°4' 4.911" E
83	8°50' 18.624" N	78°3' 59.966" E	183	8°50' 37.571" N	78°4' 29.278" E	283	8°49' 55.553" N	78°5' 7.787" E	383	8°49' 50.686" N	78°4' 2.864" E
84	8°50' 18.782" N	78°3' 58.783" E	184	8°51' 3.592" N	78°4' 34.133" E	284	8°49' 56.806" N	78°5' 7.823" E	384	8°49' 54.119" N	78°4' 2.536" E
85	8°50' 35.955" N	78°4' 0.758" E	185	8°51' 1.926" N	78°4' 36.433" E	285	8°50' 0.558" N	78°5' 6.410" E	385	8°49' 53.962" N	78°4' 1.857" E
86	8°50' 36.495" N	78°3' 57.918" E	186	8°50' 59.954" N	78°4' 42.020" E	286	8°50' 0.072" N	78°5' 4.003" E	386	8°50' 17.418" N	78°4' 3.534" E
87	8°50' 36.096" N	78°3' 57.860" E	187	8°50' 57.501" N	78°4' 41.385" E	287	8°49' 58.636" N	78°5' 3.787" E	387	8°50' 16.369" N	78°4' 11.224" E
88	8°50' 37.046" N	78°3' 50.909" E	188	8°50' 56.763" N	78°4' 42.299" E	288	8°49' 57.894" N	78°5' 0.792" E	388	8°50' 9.881" N	78°4' 9.968" E
89	8°50' 36.194" N	78°3' 50.798" E	189	8°50' 49.815" N	78°4' 40.614" E	289	8°50' 1.405" N	78°5' 1.419" E	389	8°50' 10.629" N	78°4' 2.564" E
90	8°50' 38.045" N	78°3' 37.494" E	190	8°50' 52.063" N	78°4' 37.252" E	290	8°50' 0.215" N	78°5' 2.491" E	390	8°50' 30.037" N	78°4' 5.196" E
91	8°51' 0.573" N	78°3' 32.430" E	191	8°50' 47.128" N	78°4' 34.782" E	291	8°49' 59.774" N	78°5' 5.534" E	391	8°50' 29.699" N	78°4' 11.825" E
92	8°50' 59.843" N	78°3' 33.340" E	192	8°50' 47.084" N	78°4' 37.027" E	292	8°49' 56.026" N	78°5' 6.878" E	392	8°50' 23.465" N	78°4' 10.914" E
93	8°50' 49.137" N	78°3' 35.768" E	193	8°50' 44.777" N	78°4' 36.487" E	293	8°49' 51.060" N	78°5' 6.283" E	393	8°50' 24.450" N	78°4' 4.439" E
94	8°50' 55.913" N	78°3' 41.788" E	194	8°50' 41.826" N	78°4' 44.257" E	294	8°49' 45.846" N	78°5' 5.577" E			
95	8°51' 1.499" N	78°3' 46.790" E	195	8°50' 35.551" N	78°4' 43.298" E	295	8°49' 46.151" N	78°5' 2.705" E	_		
96	8°51' 7.191" N	78°3' 40.253" E	196	8°50' 36.183" N	78°4' 38.766" E	296	8°49' 50.327" N	78°4' 52.150" E	_		
97	8°51' 1.314" N	78°3' 37.370" E	197	8°50' 36.738" N	78°4' 34.486" E	297	8°49' 47.808" N	78°4' 51.857" E			

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8°49' 46.649" N

8°49' 47.893" N

8°49' 52.696" N

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8°51' 1.863" N

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8°50' 37.392" N

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8°50' 44.852" N

78°4' 30.141" E

78°4' 30.586" E

78°4' 31.208" E

'DINAKARAN'

5மிழகம்

17.2.2022 • நெல்லை 5

உள்ளாட்சிகளிலும் நம்ம ஆட்சி தொடர

உதயசூரியன், மதச்சார்பற்ற கூட்டணி கட்சியின் சின்னங்களுக்கும் வாக்களிக்க வேண்டும்

முகல்வர் மு.க.ஸ்டாலின் வீடியோ வெளியீடு

சென்னை, பிப். 17:முதல்வர் முகஸ்டாலின் நேற்று விடி. போவில் தேர்தல் பிரசார David Gounday in my தமிழ்நாடு தான் என்பதை இந்தியாவிற்கே காட்டி **சாம். பட்டியலின், பழங்** குடி மக்களின் கல்விக்கும். முன்னேற்றத்திற்கும் சிறப்பு BL L. Wasmerra Garreis (B) வந்தோம். இல்லம் தேடி கல்வி, இல்லம் தேடி மருத் genito crestini todaning autrest இட்டங்களை நடைமுறைப் வைத்தால்; படுக்கி. அரசாங்கத்தோட அனுகுமுறையில் ஒரு புடுய

மாற்றத்தைக் கொண்டு வக் SIGNSCOTTO.

Swame: DE SE பெரிய சமூக அக்கி இத் அந்தியை எடுர்த்துத் தான் நடிது சட்டமன்றத்தில், நீட் General Tio ereing #11 & BONDER OF WILLIAM ID.

MISS FLL OPERON

en or en en - 新加坡市市(市市)市 -अ क्षा पं प्र ·歌 · 50

நமக்கே இருப்பி அனுப்பு தொர். மக்களால் தேர்க் GABASUULL 95 அரசாங்கம் கொண்டு CUE FILL SONS BORK மினைப்படையை கொய

நாகத் தான் இருப்போம் என்பதை இந்த உள்ளாட் இத் தேர்தவின் முடிவு Marting & Sant L. L. Bib மாடுல் உரிமைக்கும், தமிழ் நாட் மன் வளர்ச்சிக்கும்

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்ச்ச நீதிமன்றத்தில் ஆணை வழங்கிய பிறகும்

கேட்டு போராடுவது ம் ஏற்கக்கூடியது அல்ல

லாகும். உச்ச நீதிமன்றத்தில் உரிய அணை வழங்கிய பிறகும் முதல்வ சிடம் தே கேட்டு போராடுவது எந்த வகையிலும் ஏற்கக் கூடியது அல்ல இதை வட்டையாகக் கவ

தமிழ்நாடு தொழில் முன்னேற்ற நிறுவனம் கொழில் முக்கா தாக்கள்கள்



மாநில அந்துச்சூழல் தாக்க முடுப்பிட்டு ஆணையம், தமிழ்நாடு கடித் என்**ர SEAA**-TN/F.7939/EC/8(6)/796/2022 தேடு 02.02.2922 நாலம் நாத்துக்கும் மாவட்டத்திலிதுள்ள தெற்குகிரபான்ரடியபுரம் (ஒட்டப்பிடாரம் தாதுக்கா) மற்றும் மீனவிட்டான் (தூதுக்கும் தாதுக்கா) இராமங்களில், சிப்காட் தொழிற்பூங்கா அமைப்பதற்கான **சற்றச்சுறம் இசையானை வழங்கியுள்ளது**

வின்சமானையின் முழுவிவரங்களை www.spcot.tr.gov.in என்னும் சிப்காட் சண்டித்தத்தும், மாதில் மாக கட்டுப்பாடு வாரியம் மற்றும் மாநில தமும் தாக்க மடுப்பட்டு ஆன்னயத்தின் தன்னயத்தையிறும் பெற்றக் கோள்ளலாம். மேலம் இவன்ளசவானணயின் நகல்னை சிப்காட் தலைமை அதுவலகத்தியை அல்லது திட்ட அமூவலகத்திலோ பெற்றுக்கொள்ளவாம்.



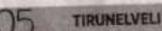
TAMILNADU SMALL INDUSTRIES DEVELOPMENT CORPORATION LIMITED





III, NADU

THURSDAY





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



ENVIRONMENTAL CLEARANCE

Environmental Clearance has been obtained for the proposed establishment of SIPCOT industrial Park at Therkuveerspandigapuram Village of Ottapidaram Taluk and Meelavittan Village of Thoothukudi Tatuk, Thoothukkudi District, Tamil Nadu from State Environment Impact Assessment Authority (SEIAA). Tamil Nadu vide Letter No.: SEIAA-TNF.7939/ECI8(b)/796/2022 dated: 02 02 2022

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

DIPR/073/Display/2022

Lorgann ni igi ngi fini yan kligni, org

MANAGING DIRECTOR PCOT, 18A, RUKMANI LAKSHIAPATHY ROAD, EGMORE, CHENNAY - 500 908.



GOVERNMENT OF TAMIL NADU

HIGHWAYS DEPARTMENT

CONSTRUCTION & MAINTENANCE, SALEM CIRCLE **TENDER NOTICE**

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

For and on behalf of the Governor of Tamil Nadu,

e-Tender Notice No: KR-CO-INFE General Manager/Project/II, Korkan Raswity Two Packet Bld System through e-Tendons the following work. Name of Work: Execution Vehicle, Site Facilities & other Allied William be 12.108 long chairuge=41.1km3 of Khurda i E Co.Railway, Estimated Cost: ₹ 125.04.31 21/02/2022. Closing Date/Time: 07/03/202 months. Manual Offers shall not be accepted details / participation & Corrigendum / Addendu



GOVERNM AKSHADWEER (DEPARTMENT OF KAVARA

F.NO.42-18/2009--- DHO (DP)

NOTICE INVIT

Kavaratti invites e-tender from the inter Loading and Unloading of dep: packages etc from Medical Store, Ko following work as detailed below.

Name of Work

Projects-III/Thoothukudi/EIA/2022/01

Saidapet, Chennai - 600 015.

Date: 13.05.2022

The Member Secretary, State Level Environment Impact Assessment Authority, 3rd Floor, Panagal Maligal, No.1. Jeenis Road,

/RPAD/

Sir,

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

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

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

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

S DESPATCHED

1 P 17 MAY 2022

C O T S.L. No. 74 P.B.L. Signature

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

/Forwarded by Order/

ASSISTANT GENERAL MANAGER (P-III)

Encl.: As above

Sie Componed

Projects-III/Thoothukudi/EIA/2022/02

The Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change,

/RPAD/

Date: 13.05.2022

Regional Office (SEZ), Ist and IInd Floor,

Handloom Export Promotion Council, 34, Cathedral Garden Road, Nungambakkam, Chennai - 600 034.

Sir,

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

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

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

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

S DESPATCHED

1 P 17 MAY 2022

C O T S.L. No. 75 P. Sh. Signature

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

/Forwarded by Order/

ASSISTANT GENERAL MANAGER (P-III)

Encl.: As above

FC compored

PO/TUT/Phase - II /2022

dt: 14.3.2022.

The President,

Therkkuveerapandiapuram Village Panchayat,

Ottapidaram Taluk,

Thoothukudi District - 628002

Madam.

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

Ref: SIPCOT Lr.No. Projects - III/EC/ Thoothukudi 2022 dt: 4.3.2022. 86*86*86*86*86*86

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

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

Thanking You,

Oungrand SIPCOT, TUTICORIN.

Yours faithfully

Encl : as above.

ஊராட்சி மன்றம் தெற்கு வீரபாண்டியபுரம்

PO/TUT/Phase - II /2022

dt: 14.3.2022.

The Commissioner,

Theothukudi Municipal Corporation,

113 Palai Road,

Thoothukudi.

Madam.

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

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

&*&*&*&*&*&*

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

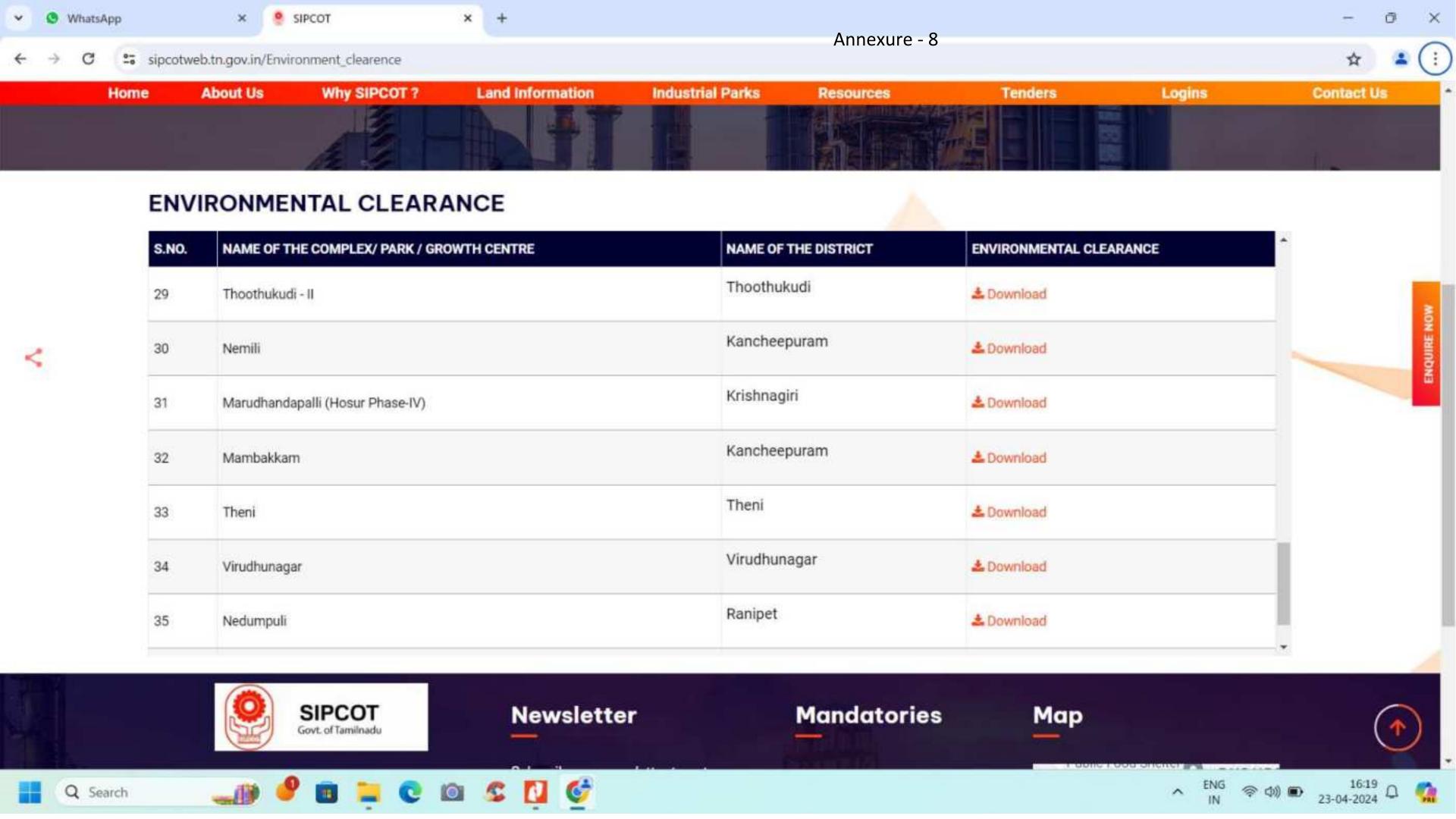
Therefore we herewith furnish the copy of the Environmental Clearnace for your kind Perusal.

Thanking You,

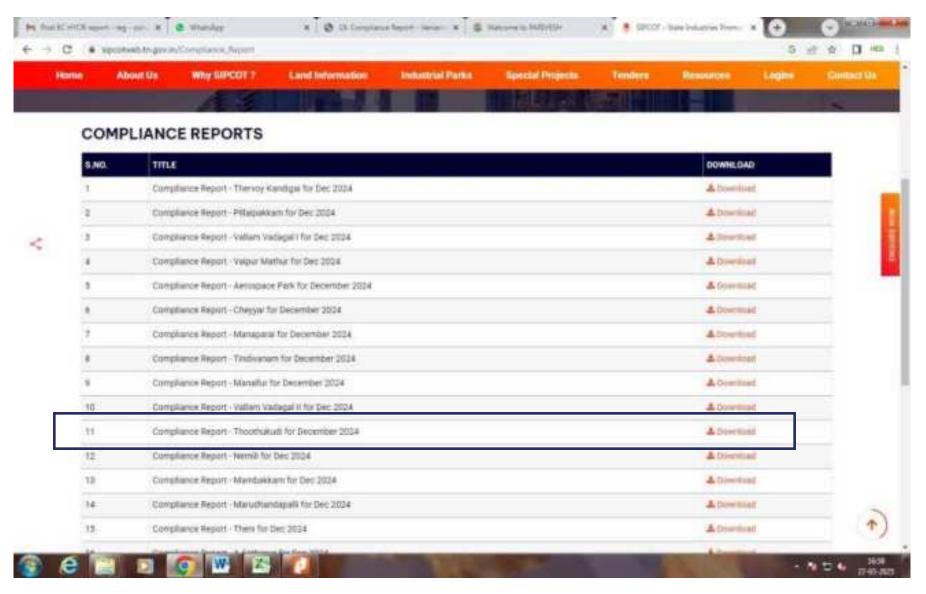
Encl : as above.



PROJECT OFFICER, SIPCOT, TUTICORIN.



Annexure 9



SIPCOT – THERKUVEERAPANDIYAPURAM MONITORING PHOTOS

AMBIENT AIR QUALITY MONITORING PHOTOS:



Near project site



Thattapparai



Pandarampatti



Pudurpandiyapuram



Therkuveerapandiyapuram

Surface water sampling photos



Pudur pandiyapuram Pond



Thattaparai Lake

Ground water sampling photograph



Near project site



Pandarampatti



Thattaparai

Soil sampling photograph









Pandarampatti



Therkuveerapandiyapuram

Noise monitoring photograph





Project area





Pandarampatti



Pudurpandiyapuram



Therkuveerapandiyapuram

A-21, III Phase, Thiru Vi Ka Industrial Estate,

Guindy, Chennai - 600 032.

Ph: 42985555 / 43635555 Fax: 42985500

E-mail: labsales@hecs.in



Annexure -11

(Chemical & Biological Testing) Recognized by CPCB (MoEF & CC) BIS FSSAl Notified Laboratory ISO 9001, 14001 & 45001 Certified.

TEST REPORT

Page: 1 of 1

ULR : TC1231025000016266F

Report No.

11ECS/AP/081/140325

Sample ID No

1440325226

Sampling Date

: 14/03/2025

Address of the Client

Name of the Client

LMA: SIPCOT

: Tuticocin

Reprient Date

- 14/03/2025

Sample Name

Group

- Atmospheric Pollution | Ambient Air

Commenced Date: 14/03/2025

Sample Mark

: NA

Completed On : 04/04/2025

Sample Reference

INA

Report Date : 04/04/2025 Sample quantity NA

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

* Temperature (°C) : 30.0 | Humidity (%) : 55.0

Environmental Condition Sampling Method & Plan

: 1S 5182 Part 5 & Part 14

S.No.	Test Parameters	Units	Results.	Test Method	NAAQ Stano	durds : 2009
Discip	dine : Chemical					
1	Atsenic	ng/m3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
2	Nickel	eg/m3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annuil)	20 (Amoust)
3	Beszene	ng/m3	BLQ (LOQ: 0.1)	15:5182 Part 11: 2006	5 (Annual)	5 (Annual)
4	Венао (и) ругоне	ma/mr?	BLQ (LOG: 0.1)	35 : 5142 Part 12: 2004	I (Annual)	T (Almost)
9	Ammonia as Pitt3	pg/m²	HEQUIDQ 3)	15 5182 (Part 25) 201K	400 (24 hours)	HIO (Annual
b	Carbon Monoxide (CU)	mg/ mr	BLO(LDQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (3 hours)	2 (8 hours)
7	Nitrogen dioxides as NO2	pg/m*	15.68	IS 5182 (Part 6) 2006	80 (24 bours)	40 (Armust)
K	Oanne as O3	hill/m1	BLQ(LOQ 10)	15 5182 (Part 9) 1974	180 (1 hours)	100 (# hours
9	Particulate matter (Size less than 10 µm)	hill/m1	93.97	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
10	Particulate matter (Size less than 2.5 µm)	bill/m1	41.40	IS 5182 (Part 24) 2019	60 (24 hours)	49 (Annual)
11	Sulphur dioxide as \$02	$\mu g/m^4$	9.37	IS 5182 (Part 2) 2001	80 (24 bours)	50 (Annual)
12	Lead	pg/m3	BLQ (LOQ: 0:002)	HECS-G/INS/SOP/ 641 Insue No.:01 Insue Date:01.03.2021	1 (24 bours)	9.5 (Annual

Note: BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m'- Micrograms per cubic meter, mg/m²- Milligrams per cubic meter, ng/m²- Nanograms per cubic meter.

"End of Report"



^{1.} The report is full as part shall not be used for any presentance or publicity purpose willout written paramet by MCCS organization. 2. Samples on not drawn by MCCI unless well out be retained insent the full days been the date of traval or organization.

IEEES.-CZ/CENTET.040 HECS-G/Q/FMT/049

Hubert Enviro Care Systems (P) Ltd. A-21, III Phase, Thiru Vi Ka Industrial Estate,

Guindy, Chennal - 600 032.

Ph: 42985555 / 43635555 Fax: 42985500

E-mail: labsales@hecs.in

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TEST REPORT

Page: I of I

Report No.

HECS/AP/081/140325/N

Sample ID No. Sampling Date

Received Date:

Completed On

Sample quantity 1NA

Report Date

Commenced Date: 14/03/2025

:148325226 : 14/03/2025

14/03/2025

104/04/2025

: 04/04/2025

Address of the Client

Name of the Client

: Tuticorin

3 M/s. SIPCOT

Group

Atmospheric Pollution

Sample Name

Ambient Air

Sample Mark

: NA

Sample Reference

= NA

Sample Drawn By

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

Sample Location Environmental Condence - Project Site

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

Sampling Method & Plan

: 15 5182 Part 5 & Part 14

S.No.	Test Parameters	Units	Results	Test Method
Discipline :	221107777777			
TVO	c	ppmv	BLQ(LOQ 0.1)	HECS-G/ENV/AAQ/SOP/005 fatal
	The state of the s			No.:01 Issue Date:02:07 2020

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, ppmv- Parts per million by Volume. ***End of Report***



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TEST REPORT

Page: 1 of 1

ULR

: TC123102500001626TF

Report No.

= 11ECS/AP/082/140325

Sample ID No.

140325227

Sampling Date

Received Date

Completed On

Sample quantity 7 NA

Report Date

: 14/03/2025

: 04/04/2025

104/04/2025

: 14/03/2025

Commenced Date: 14/03/2025

Address of the Client

Name of the Client

: Tuticorin

1 M/s. SIPCOT

Cimup

Atmospheric Pollution

Sample Name

Ambient Air

Sample Mark

: NA

Sample Reference

: NA

Sample Drawn By

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

Sample Location Environmental Condition : Thattsparai

: Temperature (°C) : 31.4 | Humidity (%) :53.0

S.Ne	Test Parameters	Linits	Results	Test Method	NAAQ Stand	fards : 2009
Disc	ipline: Chemical					
•	Arumic	ng/m3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/041 Issue No.:01 Issue Date:01.03.2021	6 (Annual)	6 (Annuil)
2	Nickel	160/m3	BLQ (LOQ: 2.01	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.63.2021	20 (Annual)	20 (Annual)
3.	Restrine	fm/gq	BLQ (LOQ: 0.1)	15:5182 Part 11: 2006	3 (Amust)	5 (Annual)
4	Hierari (a) pyrene	nam'	80.0 (0.00) 6 (1)	15 : 31302 Faid 12: 2004	1.chmad)	.f (Annist)
5	Anominia as NH3	legimi'	12.15	TS 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
6-	Carbon Monoxide (CO)	mg/ m ¹	BLQ(LDQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	3 (Khours)
7.5	Nitrogen dioxides as NO2	pg/m²	22.81	15.5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
5	Ozone as O3	pg/m²	BLQ(LOQ 10)	IS 5182 (Part 9) 1974	180 (Thours)	100 (8 bours)
9	Particulate matter (Size less than 10 µm)	MR/m/	79.78	15 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
10	Particulate matter (Stat less than 2.5 µm)	hB/m²	32.15	15 5182 (Part 24) 2019	60 (24 bound)	40 (Amual)
II.	Sulphur dioxide au SOZ	jeg/m²	13.74	IS 5182 (Part 3) 2001	80 (24 hours)	50 (Annual)
17.	Lead	psy/ncl	BLQ (LOQ:	FIECS-G/INS/SOP/ 041 hone	1 (24 hours)	0.5 (Annual)

Note: BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, pg/m2- Micrograms per cubic meter, mg/m'- Milligrums per cubic meter, ng/m'- Nanograms per cubic meter.

0.0025

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



D.Anusuya Lab Manager Authorized Signatory

No.:01 Issue Date:01:03:2021

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A-21, III Phase, Thiru Vi Ka Industrial Estate,

Guindy, Chennal - 600 032.

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TEST REPORT

Page: 1 of I

Report No.

HECS/AP/082/140325/5

Sample ID No.

140325227

Sampling Date

: 14/03/2025

Address of the Chent

Name of the Cheor.

Tuticorin

: M/s: SIPCOT

Group

Atmospheric Pollution

Sample Name

: Ambient Air

Sample Mark

: NA

Sample Reference Sample Drawn Hy

INA

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

Sample Location Environmental Condition : Thattapara)

: Temperature (°C): 31.4 | Humidity (%):53.0

Received Date 14/03/2025 Commenced Date: 14/03/2025

Completed On : 04/04/2025 Report Date 04/04/2025

Sample quantity 1 NA

Sampling Method & Pinn : 15 5182 Part 5 & Part 14

S.Nu.	Test Parameters	Units	Results	Test Method
Discipline	: Chemical			1
13	/oc	ppms	BLQ(LOQ (i.1)	HECS-G/ENV/AAQ/SOP/005 home
				No.:01 Issue Date:02:07 2020

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, ppony- Parts per million by Volume. ***End of Report***



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E-mail: labsales@hecs.in



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TEST REPORT

Page: Lof L

ULR

: TC 1231025000016268F

Report No.

HECS/AP/083/140325

Sample ID No

140325228

Received Date

Completed On

Sample quantity 2 NA

Кирон Оож

Commenced Date: 14/03/2025

Address of the Client

M/s. SIPCOT

Sampling Date

: 14/03/2025

14/03/2025

64/04/2025

04/04/2025

Tutleoria

Cristip

S.No.

Ь

117

12

Lend

- Atmospheric Pollution

Sample Name

- Ambient Air

Sample Mark

: NA

Sample Reference

INA

Test Parameters

Sample Deawn By

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

Sample Location

Pandarampatti

Environmental Condition

: Temperature (

Sampling Method & Plan

Discipline : Chemical Arsenic

Nickel

Benzene

Benzo (a) essene

Ammonia au NH3

Ozone as O3

Carbon Monoxide (CO)

Nitrogen dioxides as NO2

Sulphur dioxide as 502

Particulate matter (Size less than 10

Particulate mutter (Nize less than 2.5

: 15 5182 Part 5

Units	Results	Test Method	NAAQ Stam	dards : 2009
ng/m3	BLQ (1.00; 2.0)	HECS-G/INS/SOP/ 041 Jame	6 (Armual)	6 (Annual)
		No.:01 Issue Date:01.03.2021		
ng/m/3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/041 Issue No.:01 Issue Date:01.03.3021	20 (Annual)	20 (Armud)
Em/gaj	BLQ (LOQ: 0.1)	15 5182 Part 11: 2006	3 (Ammul)	5 (Annual)
ng/m²	mQ(100 01)	85 5182 Part 12 2004	1.(Annual)	I (Annual)
ng/m²	BLOLLOO 51	15-5187 (Part 25) 2016	400 (24 hound	t00 (Annual
mg/ m ⁴	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 ficers)	2 (H hours)
$\mu g/m^4$	14.85	IS 5182 (Part 6):2006	80 (24 hours)	40 (Annual)
hB/m ₂	BLQ(LOQ 10)	IS 5382 (Part 9) 1974	180 (1 bours)	100 (II beurs)
pg/m ⁴	87.02	1S 5182 (Part 23) 2006	100 (24 hours)	(in (Acessal)
μg/m²	33,71	IS 5182 (Part 24) 2019	60 (24 bours)	40 (Annual)
μg/m³	11.82	1S 5182 (Part 2) 2001	80 (24 hours)	56 (Annual)
ag/m3	BLQ (L00)	HECS-G/INS/SOP/ 041 Issue	I (24 hours)	0.5 (Amual)

No.:01 Issue Date:01:03:2021

Note: BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m'- Micrograms per cubic meter, mg/m1- Milligrams per cubic meter, ng/m1- Nanograms per cubic meter

0.0021

Remurks: The Texted Parameters as above are within the Limits of NAAQ Standards 2009. ***End of Report***

^{1.} The report in full or part alfulf and he used for any pronominal or publicity purpose without written consent by MECS organization. 2. Samples are not down by MECS unless or otherwise Investigated: 3. Unions apacifically requested by continuous the heal there will need be related more than 12 days from the date of texas of next report. 4. Under on communications lab according or innov/demand content of the last of texas of text report. 5. The text results relate only to the text flores.

HECS-CONEMIT (0.4) HECS-G/Q/FMT/049

A-21, III Phase, Thiru Vi Ka Industrial Estate,

Guindy, Chennal - 600 032.

Ph: 42985555 / 43635555 Fax: 42985500

E-mail: labsales@hecs.in

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TEST REPORT

Page: Lof L

Report No.

HECS/AP/083/140325/N

Sample III No. Sampling Date : 140325228 : 14/03/2025

Address of the Client

Name of the Client

Tuticorin

LMA; SIPCOT

Grosap Sample Name Atmospheric Pollution

Received Dasc

14/03/2025

: Ambient Air

Commenced Date: 14/03/2025

: 04/04/2025

Sample Mark

S.No.

: NA

Completed On Report Date

: 04/04/2025

No.01 Issue Date:02:07 2020

Sample Reference Sample Drawn By :NA

Test Parameters.

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

Sample quantity 1NA

Sample Location Environmental Condition

Discipline : Chemical TVOC

: Pandarampatti

Temperature (°C): 31.4 | Humidity (%):53.0

Sampling Method & Plan

: IS 5182 Part 5 & Part 14

Results	Test Method
(1.001)(J	HECS-G/ENV/AAQ/SOP/005 Issue

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, ppms- Parts per million by Volume.

Units

ppeny

End of Report



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E-mail: labsales@hecs.in



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TEST REPORT

Page: Fof 1

ULR

: TC1231025000016269F

Report No.

- HECS/AP/084/140325

Sample ID No

: 140325229

Sampling Date

: 14/03/2025

Address of the Client

Name of the Client

M/s. SIPCOT : Tuticorin

Group

: Atmospheric Pullution

Received Date

: 14/03/2025

Sample Name

Ambient Air

Commenced Date: 14/03/2025

Sample Mark

: NA

Completed On

: 04/04/2025

Sample Reference

Report Date

: 04/04/2025

Sample Drawn Hy

: NA

Sample Location

: M/s.Hubert Enviro care Systems (P) Ltd. - Podurpandiyaporam

Sample quantity 1 NA

Environmental Condition

Temperature (°C): 31.4 | Humidity (%):53.0

Sampling Method & Plan

: 1S 5182 Part 5 & Part 14

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Stan	dards : 2009
Discip	line : Chemical					A CONTRACTOR OF THE PARTY
MC.	Arsenic	ng/m/i	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/041 Issue No.:01 Issue Date:01:03.2021	6 (Asoual)	6 (Annual)
	Nickel	ng/m3	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	20 (Annual)	20 (Amual)
1	Benzene	jug/m/t	BLQ (LOQ: 0.1)	35 5182 Part 11: 2006	5 (Annual)	5 (Annual)
60 3	Bears (a) pyrese	mg/m²	HLQ (LDQ: 0.1)	15 : 51107 Part 12: 2004	1 (Airmot)	1 (Annuil)
	Ammema as NH3	ME/m²	8.360	IS 5182 (Part 25) 2018	400 (24 feurs)	100 (Amuut
	Carbon Monocide (CO)	mg/ m²	BLQ(LOQ 0.05)	15-5182 (Part 10) Claims 4 1999	4 (1 hours)	2 (8 hours)
1	Nitrogen dioxides as NO2	pg/m²	20.73	IS-5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
	Ozone as O3	pg/m²	BLQ(LOQ 10)	15-5182 (Part 9) 1974	180 (1 bours)	100 (8 hours
	Particulate matter (Size less than 10 jum)	hB/m;	91.05	15 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
0	Particulate matter (Size fest than 2.5 jum)	blim,	38.58	1S 5192 (Part 24) 2019	60 (24 bours)	40 (Annual)
1	Sulphur dioxide as SO2	jig/m²	11.79	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)
2	Lead	pig/m3	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)

Note: BLQ - Below the Limit of Quantification, 1.OQ- Limit of Quantification, pg/m'- Micrograms per cubic meter, mg/m2- Milligrams per euble meter, ng/m3- Nanugrams per cubic meter.

""End of Report""



^{1.} The report in fail or part shall not be used for any protectional or publicity purpose without written consent by HECS organization. 2. Samples are not drawn by HECS orders are not drawn by HECS organization. 2. Samples are not drawn by HECS organization. 3. Under an extraordinate the bank of local organization. 4. Under an extraordinate local local local local local organization of local loca HECS-G/Q/FMT/049

A-21, III Phase, Thiru Vi Ka Industrial Estate, Guindy, Chennal - 600 032.

Ph: 42985555 / 43635555 Fax: 42985500

E-mail: labsales@hecs.in

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TEST REPORT

Page: I of I

Report No.

Received Date

Completed On

Sample quantity : NA

Report Date

Commenced Date: 14/03/2025

BECS/AP/084/140325/N

Sample ID No

: 140325229

Sampling Date

: 14/03/2025

14/03/2025

104/04/2025

104/04/2025

Address of the Client

Name of the Client

: Tuticoria

: MACSIPCOT

Circup

Atmospheric Pollution

Sample Name

Ambient Air

Sample Mark

INA

Sample Reference

INA

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

Sample Drawn By Sample Location

: Pudurpandiyapuram

Environmental Condition Sampling Method & Plan : Temperature (°C) : 31.4 | Humidity (%) :53.0

: IS 5182 Part 5 & Part 14

S.No.	Test Parameters	Units	Results	Test Method
Discipline :	Chemical		//	
TVO	9	ppmv	BLQ(LOQ (LT)	HECS-G/ENV/AAQ/SOP/005 Issue
				No.:01 Issue Date:02:07 2020

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, ppmr- Parts per million by Volume.

""End of Report"



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 The food read decays of test report of the local report after investigate test report. HECS-G/Q/FMT/49

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Guindy, Chennai - 600 032.

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E-mail: labsales@hecs.in



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TEST REPORT

Page: 1 of 1

ULR

TC1231025000016270F

Report No.

HECS/AP/085/140325

Sample ID-No

140325230

Sampling Date

Received Date

Completed On

Sample quantity 3 NA

Report Date

Commenced Date: 14/03/2025

: 14/03/2025

14/03/2025

: 04/04/2025

: 04/04/2025

Address of the Client

Name of the Client

Ms. SIPCOT : Tuticorin

Carriage

- Atmospheric Pollution

Sample Name

Ambient Air

Sample Mark

INA

Sample Reference

: NA

Sample Drawn By

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

- TherkuVeerapandiyapuram.

Sample Location Environmental Condition

: Tempecuture (°C) : 31.4 | Humidity (%) :53.0

which Marked & W.

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Stand	fards : 2009
Discip	dine : Chemical					
1	Arsenic	ng/m3	BLQ (LOQ; 2.0)	HECS-G/INS/SOP/ 041 fume No.:01 fame Date:01.03.2021	6 (Annual)	6 (Amuul)
2	Nickel	ngimil	BLQ (1.0Q: 2.0)	HECS-G/INS/SOP/ 041 haue No.:01 haue Date:01.03.2021	20 (Annual)	20 (Annual)
3	Benzene	Emigor.	BLQ (LOQ: 0.1)	25 51112 Part 11: 2006	5 (Annual)	3 (Annual)
1	Bienzo (a) pyrene	ngem*	BLQ (LOQ: 0.1)	45 : 5147, Port 12: 2004) (Annual)	f (Ahmist)
9	Ammonia as NH3	NEW.	7.78	75 5182 (Part 25) 2018	400 (24 hours)	100 (Annual
	Cartion Monoxide (CG)	mg/ m²	BLQ(1.0Q 0.05)	IS 5182 (Part 10). Clause 4 1999.	4 (1 hours)	3 (8 hours)
7	Nitrogen dioxides as NO2	pg/m ^c	17.63	15:5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
	Ozone as O3	psp/m²	BLQ(LOQ 10)	IS 5182 (Part 9) 1974	180 (1 hours)	100 CK bours
,	Particulate matter (Size less than 10 µm)	htb/m,	92.96	1S 5182 (Part 23) 2006	100 (24 hours)	60 (Atmust)
10	Particulate matter (Size less than 2.5 μm)	MB/m,	45.58	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
1	Sulphur dioxide au SO2	HB/m2	12.41	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)
2	Lend	pg/m3	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 fasue: No.:01 June Date:01.05.2021	I (24 hours)	0.5 (Annual)

Note:- BLQ - Below the Limit of Quantification, LOQ-Limit of Quantification, µg/m'- Micrograms per cubic meter, sig/m1- Milligrams per enhic meter, ng/m1- Nanograms per cubic meter.



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TEST REPORT

Page: Lol 1

Report No.

HECS/AP/085/140325/N

Sample ID No

: 140325230

Sampling Date

Received Date

Completed On

Sample quantity FNA

Report Date

Commenced Date: 14/03/2025

: 14/03/2025

= 14/03/2025

104/04/2025

104/04/2025

Address of the Client

Name of the Client

: Tuticorio

: M/s. SIPCOT

Circuip

Atmospheric Pollution

Sample Name

Ambient Air

Sample Mark

: NA

Sample Reference Sample Drawn Hy

:NA

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

Sample Location **Environmental Condition** - TherkuVeerapandiyapuram

Sampling Method & Plan

Temperature (°C): 31.4 | Humidity (%):53.0

: 48 5182 Part 5 & Part 14

S.No.	Test Parameters	Units	Results	Test Method
-	e : Chemical			
1	VOC	ppms	BLQ(LOQ 0.1)	HECS-G/ENV/AAQ/SOP/005 Issue No.01 Issue Date:02:07 2020

Note:- BLQ - Below the Limit of Quantification, LOQ- Limit of Quantification, ppmv-Parts per million by Volume.

""End of Report"



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Name of the Client



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TEST REPORT

Page: LoE4

ULR : TC1231025000016442F Report No. : HECSL/WT/079/140325

Sample ID No : 140325232

Sampling Date : 14/03/2025

Address of the Client : Tutlcorin

Group : Water Sample Name : Ground Water

Sample Mark : NA

Sample Reference : NA

Sample Deaves By : M/s. Hubert Enviro care Systems (P) Ltd. Sample Location : Near Project area

Environmental Condition : Temperature (°C): 27.9 | Humidity (%):56.0

: M/A. SIPCOT

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

| Reucived Date | 14/03/2025 | Commenced Date | 14/03/2025 | Completed On | 05/04/2025 | Report Date | 705/04/2025 |

Sample quantity : 2 Litres

S.No.	Test Parameters	Units	Herults	Test Method	15 1050	0 : 1912
					Acceptably Limits (Max)	Permissible Limit (Max)
Disci	pline : Chemical					74.00.201
1	Hi carbonate	mp/l	207.4	IS 3025 Part 51: 2001	NA.	NA.
2	Boton as II	Pypm	BLQ(LOQ:0.1)	IS 3025 Part 57 - Curcumin Method: 2021	0.5	2.4
*	Cuferium in Cs	ngt	3.80(39)	N. 2025 Part 40: 1001(EEETA Titrimeeric Method)	71	200
4	Carbonate	Tigm	BLQ(LOQ:1.0)	19 3025 Part 51 2001	N/A	3/4
5	Chloode au Cl	Tigor	554.26	15 3025 Part 32; 1988 (Argentometric Method)	250	1000
6	Cyanide as CN	Pgm	BLQ(LOQ:0.01)	1S 3025 Part 27 Sec 1: 2021	0.05	No relaxation
7	Electrical Conductivity at 25°C	µS/cm	3470.0	IS 3025 Part-14: 2013	NA.	NA
8.	Fluoride as F	Pager	0.54	APHA 23rd edition (Method 4500F- B , D): 2017	1.0	1.5
9	from an Fe	mg/l	0.105	1S 3025 (Part 53): 2003	1.0	No relocation
10	Magnesism as Mg	mg/l	58.35	15.3025 Part 46: 1994 (Volumetric Method using EEFFA)	30	.100
11	Nitrate as NO3	mg/l	2.71	APHA 23rd edition (Method 4500 NO338; 2017	45	No relaxation
17	Colour	Hazen amits:	BLQ(LOQ:1.0)	IS 3025 (Part4): 2021		15
1.3	pH at 25°C		7.95	t\$ 3025(Part 11) - 2022 (Electrometric method)	6.5-8.5	No relaxation



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Name of the Client



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TEST REPORT

Page: 2 of a

ULR : TC1231025000016442F Report No.

HECSL/WT/079/140325 Sample ID No. 140325232

Sampling Date : 14/03/2025

Address of the Client : Tuticoria

George Water Sample Name - Ground Water

Sample Mark : NA Sample Reference: INA

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

M/s. SIPCOT

Sample Location Near Project area

Environmental Condition Temperature (°C): 27.9 | Humidity (%):56.0

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

Commenced Date	14/03/2025
Completed On	05/04/2025
Report Date	05/04/2025
Sample quantity	2.1.itres

S.Nu.	Test Parameters	Units	Reuth	Text Method	15 1050	9:2012
					Acceptable Limits (Max)	Permissible Limit (Max)
14	Potassium as K.	mg/l	49,0	IS 3025 Part 45; 1993 (Flame emission Photometric Method).	NA	NA
15	Sodium ns Na	mg/l	\$80.0	1S 3025 Part 45: 1993 (Plame emission Photometric Method)	NA	NA
10-	Sulphare as SQ4	mg/i	388,01	15 3025 Part 24 Sey 1, 2022(Turbidity Method)	300	400
17	Total dissolved solids	mg/l	1910.0	15 3025 (Part 16): 1984	500	2000
18	Total Suspended Solids	mg/l	7.0	1S 3025 (Part 17): 1984	NA	NA.
19	Phosphorous as P	mg/l	0.024	IS 3025 Part 31 Sec 1: 2022 (Stannous Chloride method)	NA	NA.
20	Total hurdness as CaCO3	Figur.	590.0	IS 3025 (Part 21): 2009	200	600
21	Turbidity, NTU	NTU	3.1	1S 3025 (Part 10): 1964	1	5
22	Arsenic	Pgm	BLQ (LOQ: 0.005)	USEPA 200.8: 1994	0.01	No relaxation
23	Cadmium	mg/l	BLQ (LOQ: 0.901)	LISEPA 200.8 : 1994	0.003	No relaxation
24	Chromium	Paper	BLQ (LOQ: 0,01)	USEPA 200.8 : 1994	0.05	No relaumon
25	Copper	Tigm	BLQ (1.0Q: (101)	USEPA 200.8 : 1994	0.05	1.5



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Name of the Client

TEST REPORT

Page: 3 of 4

ULR TC1231025000016442F Report No.

HECSL/WT/079/140325 Sample ID No. : 140325232

Sampling Date : 14/03/2025

Received Date 3 14/03/2025

Address of the Client : Tuticorin

Geouge Water

Sample Name : Ground Water

Commenced Date: 14/03/2025 Sample Mark Completed On : NA 05/04/2025 Sample Reference: INA Report Date 05/04/2025 Sample quantity 2 Litres

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

M/s. SIPCOT

Environmental Condition : Temperature (°C) : 27.9 | Humidity (%) :56.0

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

S.No.	Test Parameters	Unito	Heralts	Text Method	15 1050	0 : 2612
					Acceptable Limin (Max)	Permissible Limit (Mex)
26	Lead	Figm	BLQ (LOQ: 0.005)	USEPA 200.8: 1994	0.01	No relaxation
27	Mercury	Ngm	BLQ (LOQ: 0.0005)	USEPA 200.8 : 1994	0.001	No relaxation
28	Nickel	mg/i	81.Q (1.DQ: 0.01)	L/HEPA 200.8 : 1994	0.07	No references
344	Zimi	TWE	BLQ (LOQ: 0.01)	L/SEPA 200.E : 1994	3.	15
30	Phenolic compounds as C6H5OH	Ngm	BLQ(1.0Q:0.00 1)	15 3025 Part 43 Sec 1: 2022	0.001	0.002
31	Anionic Surface Active agents as MBAS	mg/l	BLQ(LOQ:0.05)	APHA 23rd edition (Method 5540 B , Clr 2017	NA	NA
32	Percent Sodium	- 56	65.74	HECS/WT/SOP/002= 2019	0.7	No retasation
33	Harium	mgy1	BLQ (LOQ: 0.01)	USEPA 200.8: 1994	0.2	1.0
34	Residual Sodium Carbonate	Прэн	BLQ(1.0Q:1.0)	15 11624: 2019	0.5	No relaxation
35	Ammonia as NH3	Pom	BLQ(LOQ:0.02)	15: 3025 Part 34:Sec 2: 2021 (Nesslerization Method)	NA.	NA
36	Sodium Adsorption Ratio(SAR)	Square root of (millimole/ litre)	10.37	IS 11624 : 2019	.NA	NA
XY	Dissolved oxygen	mpfl	6.6	2S 3025 (Part 38): 1989 (Titrimetric: Method)	NA	NA



D, Апихиуя Lab Manager

Authorized Signatory

 The expect to full or part shall not be used for any provintional or publicity purpose without written currently MECS organization. 2. Samples are not desently MECS unless or officerate resolutions.
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TEST REPORT

Page: 4 of 4

ULR

: TC1231025000016442F

Report No.

HECSL/WT/079/140325

Sample ID No

: 140525232

Received Date

Completed On

Report Date

Communiced Date: 14/03/2025

Sample quantity -2 Litres

Sampling Date

: 14/03/2025

1 14/03/2025

: 05/04/2025

05/04/2025

Address of the Client

Name of the Client

: Taticoria

Mrs. SIPCOT

Group

Water

Sample Name

- Ground Water

Sample Mark

: NA

Sample Reference:

INA

Sample Drawn By

M/s. Hubert Enviro care Systems (P) Ltd.

Sample Location

Near Project area

Environmental Condition

: Temperature (°C): 27.9 | Humidity (%):56.0

S.No.	Test Parameters	Units	Results.	Test Method	15 10500 : 2012		
					Acceptable Limits (Max)	Permissible Limit (Max)	
311	Biological Oxygen Demand (BOD)@ 27°C For 3 days.	Paym	BLQ(LOQ:2.6)	15 3025 Part 44: 1993	NA	NA	
39	Chemical Oxygen Demand (COD)	Pager	BEQ(LOQ:4.0)	15 3025 Part 58: 2006	NA.	NA	
40	Selexium	Paper	BLQ (LOQ: 0.005)	USEPA 200 E : 1904	41.01	Neveraporaces	
41	Manginese	ngñ	0.01) HLQ (LOQ:	LISEPA 200.8 : 1994	0.1	9.3	
42	Total alkalimity as CaCO3	Paget	170,0	15 3025 (Part 23); 1986	200	600	
43	Phosphate as PO4	mg/l	0,024	15 3025 Part 31 Sec 1: 2022	NA	NA	

Note: - BLQ : Below Limit of Quantification, LOQ: Limit of Quantification, mg/l: milligram per Litre, % - Percentage. ***End of Report***



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E-mail: labsales@hecs.in

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TEST REPORT

Page: 1 of 1

Report No.

HECSL/WT/079/140325N

Sample ID No.

: 140325232

Sampling Date

: 14/03/2025

Address of the Client

Name of the Client

: Tuticoria

M/6.5PCOT

Received Date

14/03/2025

Sample Name

Water

Sample Mark

Group

Ground Water

Commenced Date: 14/03/2025

Sample Reference

: NA : NA

Completed On 105/04/2025

Sangale Drawn Hy

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

Report Date 05/04/2025

Sample Location

Near Project area

Sample quantity 12 Litres

Environmental Condition Sampling Method & Plan

: Temperature (°C) : 27.9 | Humidity (%) :56.0

Results

Test Parameters S.No.

: IS 12614(Part-1):2021

Test Method

Discipline : Chemical

Hexavalori Chromium as C56+

mg/l BLQ(LOQ:0.01)

IS 3025 Part 52 Clause 6: 2003

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

Units



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Name of the Client

TEST REPORT

Page: Lof 4

ULR : TC1231025000016443F

Report No. : ILECSL/WT/080/140325

Sample ID No : 140325233

Sampling Date : 14/03/2025

Address of the Client Tution in

Genup : Water

Sample Name | Ground Water

Sample Mark : NA Sample Reference : NA

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

: M/x. SIPCOT

Sample Location Thattaparai

Environmental Condition : Temperature (°C): 27.9 | Humidity (%):56.0

impling Method & Plan : 1S 17614(Part-1):202

Received Date : 14/03/2025 Commenced Date : 14/03/2025 Completed On : 05/04/2025 Report Date : 105/04/2025

Sample quantity -2 Litres

S.Na.	Year Parameters	Units	Results	Test Method	15 1050	0 / 2012
					Acceptable Limits (Max)	Permissible Limit (Max)
Disci	pline : Chemical					111
1	Hi carbonate	Pagen	512.4	IS 3025 Part 51: 2001	NA	NA.
2	Boron as B	Pgen	BLQ(LOQ:0.1)	IS 3025 Part 57 - Curcumin Method: 2021	0.5	2.4
5.	Catalani as Ca	Egui	132.30	15:3025 Pain 40: 1991(EEEVA THISIMODIC Method)	15	300
4	Carbenute	Tom	BLOGLOG: Lor	15 3025 Pay \$1: 2001	NA	NA
5	Chloride au Cl	. Paper	207.85	45 3025 Part 32: 1988 (Argentometric Method)	250	1000
6	Cyanide as CN	Pager	BLQ(LOQ:0.01)	15 3025 Part 27 Sec 1: 2021	0.05	No refacation
7.:	Electrical Conductivity at 25°C	µS/cm	2610.0	IS 3025 Part-14, 2013	NA	NA
II.	Fluoride on F	mg/t	0.49	APHA 23rd edition (Method 4500F- B., D): 2017	1.0	1.5
9	Iron as Fe	right.	0.24	1S 3025 (Part 53): 2003	1.0	No relaxation
10	Magnesium as Mg	hgri	46.17	15 3025 Part 46: 1994 (Volumetric Method using EDTA)	30	100
11	Nitrate as NO3	rog/l	38.68	APHA 23rd edition (Method 4500 NO3B), 2017	45	No relaxation
12	Colour	Hitzen units.	BLQ(LOQ:1.0)	15.3025 (Purt4): 2021	5	15
1.3	pH at 25°C	+:	7.21	IS 1025(Part 11) = 2022 (Electrometric method)	6.5-8.5	No relacation

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Name of the Client

TEST REPORT

Page: 2 of 4

ULR : TC1231025000016443F

Report No. : HECSL/WT/080/140325

105/04/2025

05/04/2025

Sample ID No : 140325233 Sampling Date : 14/03/2025

Received Date : 14/03/2025

Commenced Date: 14/03/2025

Sample quantity 2 Litres

Completed On

Report Date

Address of the Client : Tutleurin

Group : Water

Sample Name Ground Water

Sample Mark : NA Sample Reference : NA

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

Sample Location Thattaparal

Environmental Condition : Temperature (°C): 27.9 | Humidity (%):56.0

: M/s_SIPCOT

Sampling Method & Plan | 18 17614(Part-1):2021

S.No.	Test Passimeters	Units	Results	Test Method	15 1050	0 ; 2912
					Acceptable Limits (Max)	Permissible Limit (Max)
14	Potassium as K	Pager	21.0	15 3025 Part 45: 1993 (Flame emission Photometric Method)	NA	NA
15	Sodium as Na	Pagm:	240.0	(\$ 3025 Part 45: 1993 (Flame emission Photomeous; Method)	NA NA	NA
119	Sulphote or SCH	mgri	1077.072	95 3025 Part 24 Sec. 1: 2022) Turbulay Medical, Furbulay Medical)	200	400
17	Total dissolved solids	mp/l	1373.0	IS 3025 (Part 16): 1984	500	2000
110	Total Suspended Solids	mg/l	5.0	IS 3025 (Part 17): 1984	NA	NA
19	Phosphorous as P	Pgm	0.135	IS 3025 Part 31 Sec 1: 2022 (Stannous Chloride method)	NA	NA
2:0	Total hardness as CaCO3	mg/T	570.0	15 3025 (Part 21): 3009	200	600
21	Turbidity, NTU	NTU	2.1	IS 3025 (Part 10): 1984	1	5
22	Aesenic	mg/t	HLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0,01	No refaution
23	Cadesium	.hypn	BLQ (LOQ: 0.001)	LISEPA 200.8 : 1994	0.003	No retaxation
24	Chemium	mg/t	BLQ (LGQ: 0.01)	LISEPA 200.8 : 1994	6.05	No relaxation
25	Соррет	mg/l	BLQ (LOQ: 0.01)	12SEPA 200.8 : 1994	0.05	1.5



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Name of the Client

TEST REPORT

Page: 3 of A

ULR: TC1231025000016443F

14/03/2025

: 05/04/2025

05/04/2025

Report No. : HECSL/WT/080/140325 Sample ID No. : 140325233

Sampling Date : 14/03/2025

Consumenced Date: 14/03/2025

Sample quantity 2 Litres

Received Date

Completed On

Report Date

Address of the Client : Tutleorin

Georgi : Water

Sample Name : Ground Water

Sample Mark : NA Sample Reference : NA

Sample Deason By M/s.Hubert Enviro cure Systems (P) Ltd.

Sample Location : Thattaparal

Environmental Condition : Temperature (°C): 27.9 | Humidity (%):56.0

- M/s. SIPCOT

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

5.No.	Test Parameters	Units	Streets.	Test Method	IS 1050	0:3012
					Acceptable Limits (Max)	Permissible Limin (Max)
26	I.end	Ngm	BLQ (LOQ: 0.005)	USEPA 200,R: 1994	0.01	No relaxation
27	Mercury	Турт	BLQ (LOQ: 0.0005)	USEPA 200.8: 1994	0.001	No relaxation.
2%	Nickel	meri	0.01) 0.01)	USEPA 200.8 1994	0.02	No referation
277	Zinc	mg/l	0.013	USEPA 200.8 : 1994	5	15
30	Phenolic compounds as C6H5OH	Ngm	BLQ(LOQ:0.00 1)	IS 3025 Part 43 Sec 1: 2022	0.001	0.002
31	Anionic Surface Artive agents as MBAS	T/g/m	BLQ(LOQ:0.05)	APHA 23rd edition (Method 5540 B , C): 2017	NA	NA
32	Percent Sodium	16	46.51	HECS /WT/SOP/002 - 2019	0.7	No refaxition
3.3	Barian	Figure	BLQ (LOQ: 9.91)	USEPA 200,8 : 1994	0.2	1.0
34	Residual Sodium Carbonate	figues	BLQ(LOQ:1.0)	IS 11624: 2019	D.S	No relaxation
35	Ammonia as NH3	Тан	BLQ(LOQ:0.07)	15 3025 Part 34:Sec 2: 2021 (Newlerization Method)	NA	NA
36	Sodium Adsorption Ratio(SAR)	Square root of (millimole/ litre)	4.4	IS 11624 : 2019	NA	NA
37	Dimofred oxygen	Торгп	6.4	IS 3025 (Part 38): 1989 (Titrimetric Method)	NA	NA



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Name of the Client

Address of the Client

TEST REPORT

Page: 4 of 4

ULR : TC1231025000016443F

Report No. - HECSL/WT/080/140325

1 14/03/2025

: 05/04/2025

05/04/2025

Sample 10 No : 140325233

Commission Date: 14/03/2025

Sample quantity 22 Litres.

Sampling Date

Received Date

Completed On

Report Date

: 14/03/2025

Group Water

Sample Name Ground Water

Sample Mark : NA Sample Reference INA

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

M/s. SIPCOT

: Tuticoria

: Thattaparai Sample Location

Environmental Condition : Temperature (°C): 27.9 | Humidity (%):56.0

inline Method & Plan

S.No.	Test Parameters	Units	Results	Test Method	ES 10500 ; 2012	
					Acceptable Limits (Max)	Permissible Limits (Max)
38	Biological Oxygen Demand (BOD)@ 27°C For 3 days	Figure	BLQ(LOQ:2.0)	IS 3025 Part 44: 1993	NA	NA
39	Ohemical Oxygen Demand (COO)	Ing/L	BLQ(LOQ:4.0)	15 3025 Part 58: 2006	NA	NA
AC.	Sclenium	Tyes	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	10.01	No relasation
41	Manganese	mgi	BLQ (LOQ: 0.01)	USEPA 200.8 : 1994	0.1	0.3
42	Total afkalinity as CaCO3	Figur	420.0	IS 3025 (Part 23): 1986	200	600
43	Phosphate as PO4	mg/l	0.413	IS 3025 Part 31 Sec 1: 2022	NA.	NA

Note:- BLO; Below Limit of Quantification, LOQ: Limit of Quantification, mg/l: milligram per Litre, % - Percentage. ***End of Report***



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TEST REPORT

Page 1 of 1

Report No.

HECSL/WT/080/140325N

Sample ID No.

: 140325233

Sampling Date

: 14/03/2025

Address of the Client

Name of the Client

: Tuticorin

M/s. SPCOT

Received Date : 14/03/2025

Sample Name:

Ground Water

Commenced Date: 14/03/2025

Sample Mark

Group

: NA

Water

Completed On

105/04/2025

Sample Reference

INA

Report Dine

05/04/2025

Spenjole Drawn By

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

Sample quantity 2 Litres.

Sample Location Environmental Condition Thattaparai

: Temperature (°C) : 27.9 | Humidity (%) :56.0

Sampling Method & Plan

: 15 17614(Part-1):2821

Test Method

S.Nn. Discipline : Chemical Units

Results

Hexavalent Chromium as Cro+

Test Parameters

mg/l BLQ(LOQ:0:01)

15 3025 Part 52 Change 6: 2003

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



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Name of the Client

Group



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TEST REPORT

Page: 1 of 4

ULR : TC1231025000016444F Report No. : HECSL/WT/081/140325

Sample IO No : 148325234

Sampling Date : 14/03/2025

Address of the Chest : Tuticorin

: Water Received Date : 14/03/2025

 Sample Name
 Ground Water
 Commenced Date: 14/03/2025

 Sample Mark
 : NA
 Completed On: 05/04/2025

 Sample Reference:
 : NA
 Report Date: 105/04/2025

Sample Drawn By : M/s. Hubert Enviro care Systems (P) Ltd. Sample quantity 2 Litres

Sample Location : Pandarampatri
Environmental Condition : Temperature (%C) : 22 % 1 Humidity (%C) : 56 ff

M/s. SIPCOT

Environmental Condition : Temperature (°C) : 27.9 | Humidity (%) : 56.0 |
Sampling Method & Plan : 18 17614(Page 1) 2021

S.No.	Yest Parameters	Linite	Results	Test Method	ts 1050	0:2012
					Acceptable Limits (Max)	Permissible Limit (Max)
Disci	pline : Chemical				110001	
1	Iti carbonate	Tum.	329.4	15-3025 Part 51: 2001	NA.	NA.
2	Boron as B	figin	HLQ(LOQ:0.1)	1S 3025 Part 57 -Curcumin Method: 2021	0.5	2.4
3	Calcium in Ca	Type:	128.25	15 1025 Part 46: 1991 (EEEA Eltrometric Method)	79	.200
4	Carbonate	Mag/E	BLO(LO):LO	FS 3023 Part 51 2001	NA	. N.A.
5	Chloride as Cl	right.	173.2	15 3025 Part 32: 1988 (Argentometric Method)	250	1000
6	Cyanide as CN	Fign.	BLQ(LOQ:0.01)	IS 3025 Part 27 Sec 1: 2021	0.05	No relaxation
7	Electrical Conductivity at 25°C	μS/cm	2140.0	15 3025 Part-14: 2013	NA	NA
B.	Fluoride as F	mg/t	0.47	APHA 23rd edition (Method 4500F- B , D): 2017	1.0	1.5
9	Iron as Fe	mg/l	0.041	IS 3025 (Part 53): 2003	1.0	No relaxation
10	Magnesium as Mg	rngd	60.75	15 3025 Part 46: 1994 (Volumetrie Method using EEFFA)	30	100
1)	Nitrate as NO3	mg/l	36.23	APHA 23rd edition (Method 4500 NO.HI): 3017	45	No relaxation
12	Colour	Hazes units.	BLQ(1.0Q:1.0)	IS 3025 (Part4): 2021	5	15
13	pH at 25°C	11.	7.78	15 3025(Part 11) : 2022 (Electrometric method)	6.5-8.5	No relaxation



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Name of the Client

TEST REPORT

Page: 2 of 4

LIR

: TC1231025000016444F

Report No.

HECSL/WT/081/140325

Sample ID No.

Received Date : 14/03/2025

Commerced Date: 14/03/2025

Sample quantity 2 Litres

: 140325234

Completed Ou.

Report Date:

Sampling Date

: 14/03/2025

: 05/04/2025

: 05/04/2025

Address of the Client

: Tuticoria

M/s. SIPCOT

Group

Water

Sample Name

Ground Water

Sample Mark

1 NA

: NA

Sample Reference Sample Drawn By

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

Sample Location

: Pandarampatti

Environmental Condition

Sampling Method & Plan

: Temperature (°C): 27.9 | Humidity (%):56.0

: IS 17614(Part-1):2021

S.No.	Test Parameters	Units	Hierafts	Test Method	ES 1050	0 / 2012
					Acceptable Limits (Max)	Premissible Uour (Max)
14	Potassium as K.	ngri	12.0	15 3025 Part 45: 1993 (Flame emission Photometric Method)	NA.	NA.
15	Sodium as Na	mg/l	140.0	15 3025 Part 45: 1993 (Flame emission Photometric Method)	NA	NA.
16	Trislphate en 3504	mg/i	378.41	Os 1025 Part 34 Sec 1 2023(Turbidity Methodit Turbidity Method)	300	-460
17	Total dissolved solids	mg/l	1152.0	IS 3025 (Part 16): 1984	500	2000
18	Total Suspended Solids	mg/f.	0.0	15 3025 (Part 17): 1964	NA.	NA
19	Phosphorous as P	Pgm	0.028	IS 3025 Part 31 Sec 1: 2022 (Stannous Chloride method)	NA	:NA
20	Total hardness as CaCO3	Pgm	570.0	IS 3025 (Part 21): 2009	200	600
21	Turbidity, NTU	NTU	3.7	15 3025 (Part 10): 1984	1	5
22	Arsenic	Pageri	BLQ (LOQ: 0,005)	USEPA 200.8: 1994	0.01	No refasation
2,3:	Cadmium	mg/l	BLQ (LOQ: 0.001)	USEPA 200.8 : 1994	0.003	No relocation
2-8	Chromium	rng/l	BLQ (LOQ: 0.01)	USEPA 200.8: 1994	0.05	No relaxation
25	Copper	Pgus	0,01)	USEPA 200.8: 1994	0.05	1.5



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TEST REPORT

ULR

Page: 3 of 4

Report No.

: TC1231025000016444F

HECSL/WT/081/140325

Sample ID No.

: 140325234

Sampling Date

Received Date

Completed On

Report Date

Commenced Date: 14/93/2025

Sample quantity 2 Litres

: 14/03/2025

1 14/03/2025

: 05/04/2025

05/04/2025

: Turicorio

Group

Water

Sample Name

Ground Water.

: MA. SIPCOT

Sample Mark

: NA

Sample Reference

Sample Degun By

Name of the Client

Address of the Client

INA

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

Sample Location Environmental Condition : Pundaranipatti

: Temperature (°C): 27.9 | Humidity (%):56.0

1.1			100 100 100 100 100
1.00	4 70 4 9 4	(Part-i)	
1.75	1 7 65 6 61		

S.Nu.	Test Parameters	Unite	Results	Test Method	15 1058	0:2012
					Acceptable Limits (Max)	Permissible Limits (Max)
26	Lead	Pgen	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.01	No refaxation
27	Mercury	Pgm	BLQ (LOQ: 0.0003)	USEPA 200.8 : 1994	0,001	No relaxation
28	Nickel	mari	8LQ (LQQ)	USEPA 200.8: 1994	0.02	No references
29	Zinc	TANK.	9.01) BLQ (1.0Q:	USEPA 200.8 . 1994	.5	45
30	Phenofic compounds as C6H5OH	. Pigm:	BLQ(LOQ:0.00 1)	15 3025 Part 43 Sec. 1: 2022	0.001	0.002
31	Anienic Surface Active agents as MBAS	Pgm	BLQ(LOQ-0.05)	APRA 23rd edition (Method 5540 B , C): 2017	NA	NA
32	Percent Sodium	%	32.60	HECS /WT/SOP/002:: 2019	0.7	No relaxation
2.3	Barium	Fygm	BLQ (LOQ: 0.01)	USEPA 200,8:: 1994	0.2	1.0
34	Residual Sodium Carbonate	Ppsm	BLQ(1.0Q:1.0)	15 11624: 2019	0.5	No relaution
35	Antmonia at NH3	mg/d	BLQ(LOQ:0,02)	IS 3025 Part 34:Sec 2: 3021 (Newslerization Method)	NA	NA
36	Sodium Adsorption Ratio(SAR)	Square root of (millimole/ litre)	2.5	IS 11624 : 2019	NA	NA
37	Dissolved oxygen	mg/l	6.5	15 3025 (Part 3E): 1989 (Titrimetric Method)	NA.	NA.

D.Anusuya

Lab Manager

Authorized Signatury

Choosa

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TEST REPORT

Page: 4 of 4

ULR

TC1231025000016444F

Report No.

- HECSL/WT/081/140325

Sample IO No.

: 140325234

Completed On

Report Date

Sampling Date

: 14/03/2025

: 05/04/2025

: 05/04/2025

Received Date : 14/03/2025

Commenced Date: 14/03/2025

Sample quantity 2 Litres

Address of the Client

Name of the Client

: Tuticorin

M/L SIPCOT

Group

Water

Ground Water

Sample Name Sample Mark

Sample Drawn By-

Sample Location

: NA

Sample Reference

: NA

: M/s.Hubert Enviro care Systems (P) Lad.

: Pandarampatti

Environmental Condition

: Temperature (°C): 27.9 | Humidity (%):56.0

S.No.	Test Parameters	Units	Results	Test Method	IS 10500 / 2012		
	-				Acceptable Limits (Max)	Permissible Limit (Max)	
38	Biological Oxygen Demand (BOD)(i) 27°C For 3 days	Fagen	BEQ(LOQ:2.0)	TS. 3025 Part 44, 1993	NA	NA	
30	Chemical Oxygen Demand (COD)	Paper.	BLQ(LOQ.(0)	IS 3025 Part 58: 2006	NA	NA	
AD .	Selenium	ugt	BLQ (LOG: 8.005)	USEPA 2003 : 1994	0.01	No reference	
41	Management	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8 : 1994	0,1	0.3	
42	Total alkalimity as CaCO3	mg/l	270.0	15 3025 (Part 23): 1986	200	600	
43	Phosphate as PO4	mg/l	BLQ(LOQ:0:02)	1S 3025 Part 31 Sec 1: 2022	NA	NA	

Note:- 81.Q : Below Limit of Quantification, LOQ: Limit of Quantification, org/l: milligram per Litre, % - Percentage. ""End of Report""



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TEST REPORT

Page: 1 of 1

Report No. : HECSL/WT/081/140325.N

Sample ID No : 140325234

Sampling Date ± 14/03/2025

Address of the Client : Tuticorin

 Group
 Water
 Received Date : 14/63/2025

 Sample Name
 : Ground Water
 Commenced Date : 14/63/2025

 Sample Mark
 : NA
 Completed On : 05/04/2025

Somple Mark : NA Completed On : 05/04/2025

Simple Reference : NA Report Date : 05/04/2025

Somple Drawn By : M/s. Hubert Enviro care Systems (P) Ltd. Sample quantity : 2 Litres

Sample Location Pandarampatti

3 M/s. SIPCOT

Environmental Condition : Temperature (°C): 27.9 | Humidity (%):56.0

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

S.No. Test Parameters Units Results Test Method.

Discipline: Chemical

1. Hexavalent Chemical BLQ(LOQ:0.01) IS 3025 Part 52 Clause 6: 2003

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



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Page: 1 of 4

ULR

: TC1231025000016445F

Report No.

HECSL/WT/082/140325

Sample ID No

: 140325235

Sampling Date

: 14/03/2025

Group

Toticorio

M/s. SIPCOT

Address of the Client

Water

Surface Water

Received Date

: 14/03/2025

Sample Name

Commenced Date: 14/03/2025

Sample Mark

: NA

Completed On

: 05/04/2025

Sample Reference

INA

Report Date

: 05/04/2025

Sample Drawn Hy

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

Sample Location

Pond Near Pudurpandiyapuram

Sample quantity : 2 Litres

Environmental Condition Sampling Method & Plan

: Temperature (°C) : 27.9 | Humidity (%) :56.0

: 15 17614(Part-1):2021

S.No.	Test Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
Discip	line : Chemical				110000000000000000000000000000000000000
1	Total alkalinity as CaCO3	mg/l	110.0	IS 3025 Part 23: 1986	NA
2.	Ili carbonate	mg/l	134.2	IS 3025 Part 51: 2001	NA.
3	Biological Oxygen Demand (BOD10) 27°C For 3 days	thgri	2.0	15 3025 Part 44: 1993	30
	thorne as th	Nagi T	BLQ(LOQ:8:1)	15, 3623 Part 57, 2021 & Contomin Method)	NA
5	Calcium as Ca	mg/l	32.06	IS 3025 Part 40: 1991(EE)TA Titrimetric Meshod)	NA.
6	Chemical Oxygen Demand (COD)	mg/I	16.0	IS 3025 Part 58: 2006	250
7	Chloride as Cl	mg/l	188.05	IS 3025 Part 32: 1988 (Argentometric Method)	NA.
II.	Colour	Hazen units	BLQ(LOQ:1.0)	IS 3025 Part 4: 2021	NA.
9	Dissolved oxygen	mg/t	5.8	15:3025 Part 38: 1989	NA.
10	Electrical Conductivity at 25°C	µS/cm	1028.0	15:3025 Part 14: 2013	NA
11	Flooride as F	mg/l	0.45	APHA 23rd edition Method 4500 F -B ₂ D: 2017	2.0
12	Iron as Fe	mg/2	0.11	15:3025 Part 53: 2003	3.0
13-	Nitratic as NO3	.mg/l	5.41	APHA 23rd edition Method 4500 NO3B: 2017	NA



D.Anosuya Lab Manager

Authorized Signatory

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Name of the Client

TEST REPORT

Page: 2 of 4

ULR : TC1231025000016445F

Report No. : HECSL/WT/082/140325

Sample ID No : 140325235 Sampling Date : 14/03/2025

Address of the Client : Tutieurin

M/s. SIPCOT

Group Water

Sumple Name Surface Water

Sample Mark : NA Sample Reference : NA

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

Environmental Condition : Temperature (°C): 27.9 | Humidity (%):56.0

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

Received Date : 14/03/2025 Commenced Date: 14/03/2025

Completed On 105/04/2025 Report Date 105/04/2025

Sample quantity 2 Litres

S.No.	Tost Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
[4	Manganese	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8: 1994	2.0
15	Selenium	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.05
16	Phosphate on PO4	mg/l	0.083	APHA 23rd edition Method 4500-P 8(4): 2017	NA .
17	per at 23%.	8	8.29	15 3825 Part 11: 3022 (Electronistric Michael)	55-90
18	Total dissolved solids	mg/i	548.0	IS 3025 Part 16: 1984	NA
19	Carbonate	mg/l	BLQ(LOQ:1.0)	IS 3025 Part 51: 2001	NA.
20	Cyanide as CN	mg/l	BLQ(LOQ:0.01)	IS 3025 Part 27 sec 1: 2021	0.2
21	Magnesium as Mg	rigm	9,72	IS 3035 Part 46: 1994 (Valumetric Method using EDTA)	NA:
22	Potausium as K	mg/l	11.0	IS 3025 Part 45: 1993	NA:
23	Sofrum as Na	mg/l	120.0	IS 3025 Part 45: 1983	NA:
24	Sulphate as 504	mg/l	60.54	2S 3025 Part 24 Sec 1: 2022	NA.
25	Phenolic compounds at C6H5OH	Pgm:	BLQ(LOQ:0.001)	IS 3025 Part 43.Sec. 1: 2022:	1.0
26	Anionic Surface Active agents as MBAS	Pgm	BLQ(LOQ:0.05)	APHA 23rd edition Method 5540 B . C: 2017	NA.



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Name of the Client

TEST REPORT

Page: 3 of 4

LLR

: TC1231025000016445F

Report No.

HECSL/WT/082/140325

Sample ID No.

140325235

Sampling Date

Received Date

Completed On

Report Date

Commenced Date: 14/03/2025

Sample quantity 2 Litres

-14/03/2025

14/03/2025

: 05/04/2025

: 05/04/2025

Address of the Client

: Tuticorin

M/L SIPCOT

Group

Water

Sample Name

: Surface Water

Sample Mark

INA

Sample Reference

INA

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

Pand Near Podurpandiyapuram

Environmental Condition

: Temperature (°C): 27.9 | Humidity (%):56.0

S.No.	Test Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
27	Percent Sodium	%	65.86	HECSG /WT/SOP/002 Issue No:01,Issue date 11.12: 2021	NA.
28	Barium	l'igns	BLQ (LOQ: 0.01)	USEPA 200.8: 1994	NA.
29	Rezidual Sodium Carbonate	Pages	BLQ(LOQ:1.0)	15 11624; 2019	NA NA
310	Amminus (e. NH.)	mgt	HLQ(1.0Q:0.02)	25 3023 Part 34 Sec 2: 3021	5.0
31	Soften Advertion Ratio(SAR)	Square root of (millimole/ litre)	4,75	19 11634; 2019	NA
32	Total Hardness es CaCO3	right.	120.0	IS 3025 Part 21: 2009	NA.
33	Total Pheophorous as P	mgri	0.025	IS 3025 Part 31 Sec 1: 2022	NA:
34	Total Suspended Solids	mg/l	5.0	IS 3025 Part 17: 1984	100
3.5	Turbidity	NTU	2,1	25 3025 Part 10: 1984	NA
36	Arsenic	mg/l	BLQ (LOQ: 0.005)	LISEPA 200.8 : 1994	0.2
37	Cadmium	mg/i	HLQ (LDQ: 0.001)	LSEPA 200.8 : 1994	2.0
38	Chromium	Pgm	BLQ (LOQ: 0.01)	USEPA 200.8:1994	2.0
39	Copper	.mg/1	BEQ (LOQ: 0.01)	USEPA 200.8 1994	3.0



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2. Unless appointed by continued the supplicit of publicity increased from the test terms will ten be returned once then 15 days from the date of sease of test report. 4. Under no circumstances left accepts any ballifty or less 2 dentage a small flag to the or relaxes of test apport after involving or issue of test report. 5. The test results relate only to the test flows.

HECS-G/0/FMT/B4* HECS-G/Q/FMT/049

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TEST REPORT

Page: 4 of 4

ULR

: TC1231025000016445F

Report No.

HECSL/WT/082/140325

Sample ID No.

140325235

Sampling Date

: 14/03/2025

Address of the Client

Ma. SIPCOT

Geoup

Water

: Tuticorin

Received Date:

14/03/2025

Sample Name

Surface Water

Commenced Date: 14/03/2025

Sample Mark

Completed On

: 05/04/2025

Sample Reference

: NA INA

Report Date

: 05/04/2025

Sample Drawn By

M/s.Hubert Enviro care Systems (P) Litt.

Sample Location

Pend Near Padarpandiyapuram

Sample quantity -2 Litres

Environmental Condition Sampling Method & Plan

: Temperature (°C) : 27.9 | Humidity (%) :56.0

: 1S 17614(Part-1):2021

S.No.	Test Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
40	Lead	Poper	BLQ (LOQ: 0.005)	DSEPA 200.8 : 1994	0.1
41	Mescary	Pgm	BLQ (LOQ: 0.0005)	USEPA 200.8 : 1994	0.01
42	Pockati	Turn.	BLQ (LOQ: 0.01)	USEPA 200 8 1994	3.0
43	Line	meri	HEDLEDG (2011)	USEPA.200.8 : 1994	5.0

Note: - BLQ : Below the Limit of Quantification, LOQ: Limit of Quantification, sugit milligram per Litee, % - Percentage. ""End of Report""



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TEST REPORT

Page: 1 of 1

Report No.

HECSL/WT/082/140325N

Sample (D) No.

: 140325235

Sampling Date

: 14/03/2025

Address of the Client

Name of the Client

: Tuticorin

: MacSIPCOT

Group.

= Water

Sample Name

Surface Water

Sample Mark

: NA

Sample Reference

: NA

Sample Drawn Hy Sample Location : M/s.Hubert Enviro care Systems (P) Ltd. Pond Near Padarpandiyapuram

Environmental Condition Sompling Method & Plan

: Temperature (°C): 27.9 | Humidity (%):56.0

: 15 17614(Part-1):2021

Received Date 14/03/2025

Commenced Date: 14/03/2025 Completed On: 105/04/2025

Report Date 05/04/2025

Sample quantity 2 Litres

S.No.	Test Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
Discip	pline : Chemical				
1	Hexavalert Chromium as Cr6+	Tgm	BLQ(LOQ:0.01)	1S 3025 Part 52 Clause 6: 2003	0.1

Note:- BLQ : Below the Limit of Quantification, LOQ: Limit of Quantification, mg/l: milligram per Litre, % - Percentage. ""End of Report""



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Name of the Client

TEST REPORT

Page: 1 of 4

ULR

: TC1231025000016446F

Report No.

HECSL/WT/083/140325

Sangle ID No

: 140325236

Sampling Date

: 14/03/2025

Address of the Client

: M/s.SPCOT : Tuticoria

Water

Surface Water

Sample Name Sample Mark

Group

: NA

Sample Reference

: NA

Sample Drawn By

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

Sample Location

: Thattaparai Lake

Environmental Condition

: Temperature (°C) : 27.9 | Humidity (%) :56.0

Sampling Method & Plan

: 1S 17614(Part-1):2021

Received Date 14/03/2025 Commenced Date: 14/03/2025 Completed On

05/04/2025 105/04/2025

Report Date Sample quantity 2 Litres

S.Ne.	Test Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
Discip	dine : Chemical				1.1-1.11.11.11.11.11.11.11.11.11.11.11.1
1	Total alkalimity as CaCO3	mg/l	98.0	IS 3025 Part 23: 1986	NA.
2	Bi carbonate	Pgm	119.56	IS 3025 Part 51: 2001	NA
3.	Biological Oxygon Demand (BOD)(i) 27°C For 3 days	mg/t	2.0	IS 3025 Part 44: 1993	30
•	tionos es ti-	mgr	BLQLOOST	15 JULY Part 57; 2021 t Curcumn Method)	NA
5	Calcium an Ca	mg/l	28.86	15 3025 Part 40: 1991(EDTA Titrimetric Method)	NA.
6.	Chemical Oxygen Demand (COD)	mg/t	20.0	IS 3025 Part 58: 2006	250
7.	Chloride as Cl	Pgm	11.87	iS 3025 Part 32: 1988 (Argentumetric Method)	NA
N.	Colour	Hazen units	BLQ(LOQ:1.0)	IS 3025 Part 4: 2021	NA:
0	Dissilved exygen	rig/l	5.9	15 3025 Part 38: 1989	NA:
10	Electrical Conductivity at 25°C	µ5/cm	310.0	IS:3025 Part 14: 2013	NA.
11	Fluoride as F	mg/I	0.22	APHA 23rd edition Method 4500 F -B,D: 2017	2.0
12	Iron as Fe	mg/l	0.384	IS 3025 Part 53; 2003	3.0
13	Nitrate as NO3	mg/l	8.87	APITA 23rd edition Method 4500 NO3B; 2017	NA.



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Name of the Client



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Page 2 of 4

ULR : TC1231025000016446F Report No. HECSL/WT/083/140325

3 14/63/2025

: 05/04/2025

105/04/2025

Sample ID No. 140325236

Received Date

Completed On

Report Date

Sampling Date : 14/03/2025

Commenced Date: 14/03/2025

Sample quantity 72 Litres

Address of the Client : Tuticorin

Group Water

Sample Name : Surface Water

Sample Mark : NA Sample Reference: : NA

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

M/s. SIPCOT

Sample Location : Thattaparai Lake

S.No.	Text Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
14	Manganese	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8: 1994	2.0
13	Selenium	Tygos	BLQ (LOQ: 0.005)	USEPA-200.8 : 1994	0.05
16	Phophate as PO4	Dans	0.078	APHA 23rd edition Method 4500-P IROS 2017	NA.
17	per ar 25°C.		7.63	IS 3625 Part 11: 2022 (Electrometric Method)	5.5 - 9.0
198	Total dissolved solids	mg/l	177.0	IS 3025 Part 16: 1984	NA.
19	Carbonate	mg/T	BLQ(1.OQ:1.0)	IS 3025 Part 51: 2001	NA:
20	Cyanide as CN	mg/I	HLQ(LOQ:0.01)	IS 3025 Part 27 (ec.1) 2021	0.2
21	Мадисини нь Мд	mg/I	5.35	IS 3025 Part 46: 1994 (Valumetric Method using EDTA)	NA
22	Potassium as K	mg/T	2.0	IS 3025 Part 45: 1993	NA.
2.3	Sodium au Na	Pgn:	24.0	IS 3025 Part 45: 1983	NA.
34	Sulplute as SO4	Pgm	23.05	IS 3025 Part 24 Sec 1: 2022	NA.
25	Phenoise compounds as C6115OH	mg/l	BLQ(LOQ:0.001)	35 3025 Part 43:Sec 1: 2022	1.0
26	Aniunic Surface Active agents as MBAS	Pgnt	HLQ(LOQ:0.05)	APHA 23rd edition Method 5540 B , C: 2017	NA.



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Name of the Client

Address of the Client

TEST REPORT

Page: Not 4

ULR

: TC1231025000016446F

Report No.

HECSL/WT/083/140325

Sample ID No

140325236

: 14/03/2025

: 05/04/2025

: 05/04/2025

Commenced Date: 14/03/2025

Sample quantity 2 Litres

Sampling Date

Received Date

Completed On

Report Date

14/03/2025

: Tuticurio

Group

Water

Sample Name

Surface Water

MA. SIPCOT

Sample Mark

: NA

Sample Reference

CNA

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

Sample Drawn By Sample Location

Environmental Condition

Thattaparni Lake

: Temperature (°C): 27.9 | Humidity (%):56.0

And the second s	
Sampling Method & Plan	: 1S 17614(Part-1):20
manifestion and an incident	* 412 4 546 64EE NEE-1TVD

S.No.	Test Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
27	Percent Sodium	- 96	34.98	HECSG /WT/SOP/002 Issue No.01, Issue date 11.12: 2021	NA
28	Berium	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8:1994	NA
20	Residual Sodium Carbonate	Paget.	BLQ(LOQ:1.0)	15 11634; 3019	NA.
313	Ammonia as NHX	mgfl	Bt Q(LDQ:0.03)	15 3025 Part 34 Sec 2: 3021	5.0
31	Sofium Adungtion Natio(SAR)	Square root of (millimote/ litre)	1.07	25 11624, 2019	NA
32	Total Hardness in CaCO3	mg/I	94.0	IS 3025 Part 21: 2009	NA.
33	Total Phosphorous as P	mg/l	0.024	IS 3025 Part 31 Sec 1: 2022	NA.
34	Tetal Suspended Solids	mg/l	3.0	IS 3025 Part 17: 1984	100
35	Turbidity	NTU	1.2	IS 3025 Part 10: 1984	NA
36	Arumic	lug/I	BLQ (LDQ: 0.005)	USEPA 300.8 : 1994	0.2
3/7	Cadmium	Figur	BEQ (LOQ: 0.001)	USEPA 200.8 ; 1994	2.0
38	Chromium	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8 : 1994	2.0
39	Copper	rog/I	BLQ (LOQ: 0.01)	USEPA 20031: 1994	3.0



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Name of the Client

Address of the Client

TEST REPORT

Page: 4 of 4

ULR

: TC1231025000016446F

Report No.

HECSL/WT/083/140325

Sample ID No

: 140325236

Received Date

Completed On

Report Date

Commenced Date: 14/03/2025

Sample quantity 2 Litres

Sampling Date

14/03/2025

: 14/03/2025

: 05/04/2025

: 05/04/2025

: Tuticorin

Group

Water

Sample Name

Surface Water.

: M/s. SIPCOT

Sample Mark

TNA

Sample Reference:

INA

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

Environmental Condition

: Temperature (°C) : 27.9 | Humidity (%) :56.0

S.No.	Test Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
40	Lead	Pgm	BLQ (LOQ- 0.005)	USEPA 200.8 : 1994	0.1
41	Mercury	Pigrt	BLQ (LOQ: 0.0005)	USEPA 200.8 ; 1994	0.01
42	fünket	Fun	BLQ (LOQ: 11.01)	USEPA 200.8 . 1994	3.0
43	r,mc	mgri	BLQ11.0Q:0.011	USEPA 2003: 1994	5.0

Note: HLQ : Below the Limit of Quantification, LOQ: Limit of Quantification, mg/l: milligram per Litre, % - Percentage, ***End of Report***



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TEST REPORT

Page: Lof I

Report No.

* HECSL/W T/083/140325N

Sample ID No

140325236

Sampling Dure

Received Date

Completed On

Report Date

: 14/03/2025

14/03/2025

: 05/04/2025

: 05/04/2025

Commenced Date: 14/03/2025

Sample quantity 2 Litres

Address of the Client

Name of the Client

: Tuticocin

Ms. SIPCOT

Group

: Water

Sample Name

Surface Water

Simple Mark

: NA

Sample Reference Sample Draws By

Sample Location

: NA

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

Environmental Condition

: Thattaparai Lake

Temperature (°C): 27.9 | Humidity (%):56.0

S.No.	Test Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
Discipline	: Chemical				
I No	avalent Chromium as Cris+	mg/l	BLQ(LOQ:0:01)	15:3025 Part 52 Clause 6: 2003	0.1

Note:- BLQ : Below the Limit of Quantification, LOQ: Limit of Quantification, rug/l: milligram per Litre, % - Percentage. ""End of Report"



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Name of the Cliera

TEST REPORT

Page: 1 of 2 ULR

: TC1231025000016995F Report No. * HECS/PE/053/140325

: 07/04/2025

Sample ID No : 140325237

Sampling Date : 14/03/2025

Received Date : 14/03/2025

Commenced Date: 14/03/2025 Completed On : 87/84/2025

Sample quantity 1 Kg

Report Date

Address of the Client : Tuticorin

Group Pollution & Environment

: Snil Sample Name Sample Mark SNA Sample Reference INA

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

MA. SIPCOT

Sample Location : Project area

Environmental Condition Temperature (°C): 27.9 | Humidity (%):56.0

Nu.	Test Parameters	Units	Results	Test Method
Discip	fine 2 Chemical			
	Cadmium	mg/K _E	BLQ (LOQ: 0.1)	HECS-G/INS/SOP/ 042 Insue No.(0) Issue Date:01.03.3021
ta	Chromium	mg/Kgi	60.25	HECS-G/INS/SOP/042 fruir No.:01 Issue Date 01-03-2021
	Copper	mg/Kg	58.64	HDCS-G/DNS/SOP/ 042 bysic No. 01 lause: Date:01.03.3021
	Zini	mg/kg	23,18	HGC5-G/INS/SGP/ 042 feare No. 311 Issue Dog 07 (03.202)
	Soil Testure	*	Clay	FAO of United Nations, Rome Chapter III 2008
	Soil Texture c Sand	76	22.4	FAO of United Nations, Rome Chapter III 2008
7.	Soil Texture ii)Silt	76	25.2	FAO of United Nations, Rome Chapter III 2008.
	Soil Testure tii)Clay	76	52.4	FAO of United Nations, Rome Chapter III 2008
	pH Value (0:25 ° C (1:2.5)	-	11.58	85 2720 (Part 26) 1987
0	Electrical conductivity (@ 25 ° C (1 : 2)	pS/cm	81.6	IS 14767: 2000
	ffulk Density	gn/cm3	0.98	FAO of United Nations Rome 2007
2	Organic Carbon	%	0.41	IS 2720 (Part 22) Section 1 (972)
3	Organic Matter	26	0.72	25 2720 (Part 22) Section 1 1972



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Name of the Client

Group

TEST REPORT

Page: 2 of 2

ULR : TC1231025000016995F

Report No. - HECS/PE/053/146325

Sample ID No : 140325237

Sampling Date : 14/03/2025

Address of the Chem : Tuticurin

Pollution & Environment

Sample Name | Soil Sample Mark | NA Sample Reference | INA

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

: M/s. SIPCOT

Sample Location Project area

Environmental Condition Temperature (°C): 27.9 | Humidity (%):56.0

Sampling Method & Pian : ICARDA: 2013

Received Date : 14/03/2025

Commenced Date: 14/03/2025 Completed On : 07/04/2025 Report Date : 07/04/2025

Sample quantity 11 Kg

S.No.	Test Parameters	Units.	Results	Test Method
14	Available Phosphorous as P	1-8/8	6.46	FAO of United Nations, Rame Chapter III 2008
15	Available Potassium	mEq/100g	16.32	FAO of United Nations, Rome Chapter III 2008
16	Boron as B	mpkg	8LQ(LOQ 9.1)	HECS-G/ENV/SSW/SOP/018 Issue No. 01 Issue Date:02:07 3020
17	Fotat Nitrogen au %	24	0.0090	IS 14664 Clause 4 1999
iii	Enclosegable Calcium as Ca	entisq/k.	11.75	FAO of Civiling Plantons, Rome Linapter (ii) 2008
19	Exclungable Magnessum as Mg	mEq/t,	7.83	FAO of United Nations, Rome Chapter III 2008
20	Cation Exchange Capacity	mEq/100g,	2.1	85:2720 (Part 24) Clause 5:1976
21	Water Holding capacity	. %	19.4	IS 14765: 2000
22	Colour		Black.	HECS-G/ENV/SSW/SOP/011 hour No.01 hour Date:02:07: 2020

Note:- BLQ : Below the Limit of Quantification, LOQ: Limit of Quantification, mg/kg: milligram per kilogram, % - Percentage... ""End of Haport"



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TEST REPORT

Page: 1 of 1

Report No.

HECS/PE/053/140325/N

Sample ID No.

1140325237

Sampling Dute

: 14/03/2025

Address of the Client

Name of the Chent.

: Tuticoria

: M/s. SIPCOT

Group.

- Pollution & Environment

Received Date

£14/03/2025

Sample Name

: Soil

Commenced Date: 14/03/2025

Sample Mark

INA

Completed On

07/04/2025

Sample Reference

= NA

Report Date

-07/04/2025

Sample Deaver By Sample Location : M/s.Hubert Enviro care Systems (P) Ltd. : Project area

Sample quantity 11 Kg

Environmental Condition. Sampling Method & Plan Temperature (°C): 27.9 | Humidity (%):56.0

: ICARDA : 2013

S.Ne	Test Parameters	Units	Results	Test Method
Disci	pline : Chemical			10.0
	Moisture	%	7.40	HECS-G/ENV/SSW/SOP/003 Issue No. 01 Issue Date:02:07: 2020
2	Manganese	mg/kg	179.11	HECS-G/INS/SOP/ 042
0:	Iron	mg/kg	4.73	Inhouse method
	Infilmation Bare		0.3	Inhous method

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

End of Report



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Page: Lof 2

ULR

Reserved Date : 14/03/2025

Commenced Date: 14/03/2025

Sample quantity 11 Kg.

: TC1231025000016996F

Report No.

HECS/PE/054/140325

Sample ID No.

140325238

Completed On

Report Date

Sampling Date

14/03/2025

107/04/2025 07/04/2025

Address of the Client

: Tuticorin

M/s. SIPCOT

Group

S.No.

3

3

A

5

6

11

Q.

TO

11

12

13

Pollution & Environment

Sample Name:

: Soil

: NA

Sample Mark

DNA

Sample Reference Sample Drawn Hy

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

Sample Location

Environmental Condition

Discipline : Chemical Cadmium

Chromium

Soil Texture

Soil Texture ()Sand

Soil Texture (15th)

Soil Texture (ii)Chy-

Bulk Denuty

Organic Carbon

Organic Matter

pH Value (ii 25 ° € (1 : 2.5)

Electrical conductivity (ic 25 " C (1 : 2)

Copper

Zinz

Thattaparai

Test Parameters

| Temperature (°C) : 27.9 | Humidity (%) :56.0

Units

mg/Kg

mg/Kg

mg/Kg

HAR WE

16

16

16

µS/cm

gro/cm3

14

15

Sampling Method & Plan

: ICARDA : 2013

Results Test Method BEO (LOO: 0.1) HECS-G/INS/SOP/ 042 Inne: No.:01 base Date:01.03.2021 HECS-G/INS/SOP/042 Issue No.:01 23.83 Issue Date 01.03.2021 HECS-G/INS/SOP/ 042 Insec No.01 42.76 hour Dine 01:03:2021 HECS-CHING/SOP (HC) ISSUE (NO.37) JApn least Date 01 03 2024 FAO of United Nations, Rome Chapter -Chry TH 2008 FAO of United Nations, Rome Chapter -22.7 HT 2008 FAO of United Nations, Rome Chapter -30.8 III 2008 FAO of United Nations, Rome Chapter 46.5 III 2008 IS 2720 (Part 26) 1987 8.26

IS 14767: 2000

FAO of United Nations Rome 2007.

(\$ 2720 (Part 22) Section 1 1972

25 2720 (Part 22) Section 1 (972



D.Anusuya Lab Manager

98.4

0.99

0.35

0.63

Authorized Signatory

 The report in full or part shall not be used for any promotional or publicity purpose without written consent by HECS organization. 2. Samples are not drawn by HECS unions or otherwise monitoring. 3. Union appeals any report of a continuous or otherwise manufactures from the date of lease of tool report. 4. Under no circumstances into account any substity or least develop capacity for the tool flows.
 HECS-CONFIET/849 HECS-G/Q/FMT/649

A-21, III Phase, Thiru Vi Ka Industrial Estate,

Guindy, Chennai - 600 032.

Ph: 42985555 / 43635555 Fax: 42985500

E-mail: tabsates@hecs.in



Laboratory Services Division

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Name of the Client

Address of the Client

TEST REPORT

Page: 2 of 2

ULR

: TC1231825000016996F

Report No.

* HECS/PE/054/140325

Sample ID No

1.140325238

Sampling Date

Completed On

Report Date

Received Date | 14/03/2025

Commenced Date: 14/03/2025

Sample quantity it Kg

: 14/03/2025

: 07/04/2025

07/04/2025

: Tuticoria

: MA. SIPCOT

Grings

Pollution & Environment

Sample Name

Soil : NA

Sample Mark Sample Reference

: NA

Sample Drawn Hy

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

Sample Location

Thattaparai

Environmental Condition Sampling Method & Plan

: Temperature (°C) : 27.9 | Humidity (%) :56.0

1CARDA - 2013

S.No.	Test Parameters	Units	Results	Test Method
14	Available Phosphorous as P	HB/E	HLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter III 2008
13	Available Potassium	mfiq/100g	20:30	FAO of United Nations, Rome Chapter III 2008:
16	Boron as B	mg/kg	#FO(FOO 8.1)	HECS-G/ENV/SSW/SOP/018 June No.:01 funic Date:02:07 2020
17	Entai Pritrogen au N	16	0.0100	D 14664 Classe 4, 1999
18	Enchargable Colcium as Ca	mbqri.	11.98	FAO of United Nations, Remir Chapter 88 2008
10	Exchangable Magnesium as Mg	mEq/L	3.99	FAO of United Nationa, Rome Chapter III 2006
	Cition Exclunge Capacity	mEq/100g	1.9	IS 2720 (Part 24) Clause 5 1976
	Water Holding capacity	%	19.8	IS 14765: 2000
22	Colour	1	Black	HECS-G/ENV/SSW/SOP/011 Issue No.01 Issue Date:02:07: 2020

of Quantification, mg/kg: milligram per kilogram, % - Percentage_ ""End of Report""



D, Апониув Lab Manager

Anthorized Signatury

Hubert Enviro Care Systems (P) Ltd. A-21, III Phase, Thiru Vi Ka Industrial Estate,

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TEST REPORT

Page: Int I

Report No.

* HECS/PE/054/140325/N

Sample ID No.

: 140325238

Sampling Date

: 14/03/2025

Address of the Client

Name of the Chent

: Tuticorin

: M/s. SIPCUT

Group

Pollution & Environment

Received Date

: 14/03/2025

Sample Name

Soil

Commenced Date: 14/03/2025

Sample Mark

INA

Completed On

107/04/2025

Sample Reference

ENA

07/04/2025

Sample Drawn By

: M/s.Hubert Enviro cure Systems (P) Ltd.

Report Date

Sample Location

Thattaparai

Sample quantity 71 Kg

Environmental Condition

*Temperature (°C): 27.9 | Humidity (%):56.0

Sampling Method & Plan

: ICARDA : 2013

s.No.	Test Parameters	Units	Results	Test Method
Discipline	Chemical			
	Study	14	7,02	HECS-G/ENV/SSW/SOP/003 Inno No.01 Issue Date/02:07: 2020
Mar	gmese	mpleg	228.77	HECS-G/INS/SORV 042
iron		mpkg	-4.81	Inhouse method
In-61	tration Wife		0,4	lidana milasi

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

"End of Anport"



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Name of the Client

Address of the Client

TEST REPORT

Page: 1 of 2.

ULR

: TC1231025000016997F

Report No.

3 HECS/PE/055/140325

Sample ID No

: 140325239

Sampling Date

Report Date

: 14/03/2025

: Tuticorin

MA. SIPCOT

Grouge

Pollution & Environment

Sample Name

Solt

Sample Mark

DNA

Sample Reference

: NA

Sample Drawn By

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

Sample Location

· Pandarampatti

Environmental Condition

Temperature (°C) : 27.9 | Humidity (%) :56.0

Soil Texture in Clay

Bulk Density

Organic Carbon

Organic Matter

10

11

12

13

pH Value @ 25 ° C (1 : 2.5)

Electrical conductivity on 25 ° C (1 : 7)

Received Date 14/03/2025 Commenced Date : 14/03/2025

Completed On 107/04/2025

: 07/04/2025

FAO of United Nations, Rome Chapter

DE 2008

IS 2720 (Part 26) 1987

Es 14767: 2000

FAO of United Nations Rome 2007.

IS 2720 (Part 22) Section 1 1972

IS 2720 (Part 22) Section 1 1972

Sample quantity 1 Kg

S.No	Test Parameters	Units	Results	Test Method
Disci	pline : Chemical			1.1.
	Carlmium	mg/Kg	BLQ (LOQ: 0.1)	HECS-G/INS/SOP/ 042 Issue No. 01 Issue Date:01.03.2021
8	Chronium	mg/Kg	73.48	HECS-G/INS/SOP/042 basic No.:01 Issue Date:01.03.2021
	Copper	mg/Kg	62.53	HECS G/INS/SOP/ 042 Insur No. 01 issue Date:11.103-2021
	Zinc	mg/ug	30.16	DIDCS G/INS/SOP/ 042 Insec No. 61 fame Date:01.03.7021
	Soil Texture		Silt loam	FAO of United Nations, Rome Chapter III 2008
	Soil Texture ()Sand	34	32.6	FAO of United Nations, Rome Chapter III 2008
	Soil Texture ii)Silt	76	52.8	FAO of United Nations, Rome Chapter III 2008

16

icS/cm

(moèum)

%

16



24.6

9.22

247.0

1.00

0.25

0.44

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E-mail: labsales@hecs.in



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Name of the Client

Address of the Client

TEST REPORT

Page: 2 of 2

ULR

: TC1231025000016997F

Report No.

HECS/PE/055/140325

Sample 1D No

: 440325239

Sampling Date

Completed On

Report Date

Received Date : 14/63/2025

Cummenced Date: 14/03/2025

Sample quantity 1 Kg

: 14/03/2025

107/04/2025

07/04/2025

: Tuticorin

: MA. SIPCOT

Group

Pollution & Environment

Sample Name

3 Smill

Sample Mark

: NA

Sample-Reference

INA

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

- Pandarampatti

Environmental Condition

* Temperature (°C) : 27.9 | Humidity (%) :56.0

S.No.	Test Parameters	Units	Results	Test Method
14	Available Phosphorous as P	HW/E	III.Q(LOQ 5.8)	FAO of United Nations, Rome Chapter III 2008
15	Available Potassium	mEq/100g	19.59	FAO of United Nations, Rome Chapter III 2008
6	Boros as B	mg/kg	BLQ(LOQ 0.1)	HECS-G/ENV/SSW/SOP/018 Issue No. 01 Issue Date 02-07 2020
7	Fotal Nitrogen as N	14	0.0063	15 14084 Clause 4 1999
*	Eschargable Calcium as Ca	milay'i.	13.31	FAO of United Patient, Rome Chapter Til 2006
19	Exchangable Magnesium as Mg	mEq/L	7.75	FAO of United Nations, Rome Chapter III 2008
10	Cation Exchange Capacity	mEq/100g	-2.4	IS 2720 (Part 24) Clause 5 1976
16	Water Holding capacity	%	33.2	15 14765: 2000
2	Colour		Busen	HECS-G/ENV/SSW/SOP/011 Issue No.:01 Issue Date:02:07: 2020

Note:- BLQ : Below the Limit of Quantification, LOQ: Limit of Quantification, mg/kg: milligram per kilogram, % - Percentage_ ***End of Report***



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TEST REPORT

Page: Tof I

Report No.

* HECS/PE/055/140325/N

Sample ID No

: 140325239

Sampling Date

: 14/03/2025

Address of the Client

Name of the Client

: Tuticoria

5 M/s. SIPCOT

Group

Pollution & Environment

Received Date 3 14/03/2025

Sample Name

Soil :

Commenced Date : 14/03/2025

Sample Mark

: NA

Completed On

: 07/04/2025

Sample Relirence Sample Drawn By

: NA

Report Date

: 07/04/2025

Sample Lucation

: M/s. Hubert Enviro care Systems (P) 1.td.

Sample quantity 11 Kg

Environmental Condition

- Pandarumpatti

: Temperature (°C) : 27.9 | Humidity (%) :56.0

Sampling Method & Plan

: ICARDA : 2013

5.No.	Test Parameters	Units	Results	Test Method
Distip	line Chemical	1		
1	Ministure	76.	12.10	HECS-G/ENV/SSW/SOP/003 Issue No.:01 Issue Date:02:07: 2020
2.	Manganese	mg4g	\$117.66	HECS-GANS/SOP/ 042
1	lima	mg/kg	9.21	Inhouse method
i,	Islikation Ray		6.7	inhouse medical

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

""End of Report""



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Name of the Chent

Address of the Client

TEST REPORT

Page: 1 of 2

ULR

: TC1231025000016998F

Report No.

HECS/PE/056/140325

Samplic ID No.

Completed On

Report Date

: 140325240

107/04/2025

: 07/04/2025

Sampling Date

Sample quantity 11 Kg

Received Date : 14/03/2025

Commenced Date: 14/03/2025

: 14/03/2025

: Tuticorin

M/s. SIPCOT

Ciroup

Pollution & Environment

Sample Name

Sample Mark

: NA

Sample Reference

1 NA

Sample Drawn By

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

Sample Location Environmental Condition - Pudurpandiyapuram

*Temperature (°C): 27.9 | Humidity (%):56.0

Sampling Method & Plan

: ICARDA - 2013

5.No.	Test Parameters	Units	Results	Test Method
Diwip	dine : Chemical			
t	Cadneum	mg/Kg	BLQ (LOQ: 0.1)	HECS-G/INS/SOP/ 042 Insue No.501 Insue Date:01.03.2021
1	Chroesium	mg/Kg	24,17	HECS-G/INS/SOP/042 Issue No.:01 Issue Date:01.03.2021
,	Copper	mg/Kg	38.57	HECS G/INS/SOP 042 hour No. 01 hour Date(\$1,03.2021
ŧi.	Zinc	mg/kg	17,41	TIECS-C/INS/SOP/ (H2 base (vs. ii)) Innie Date 01.03.2021
	Soil Texture	-	Sandy Ioam	FAO of United Nations, Reme Chapter 11f 2008
1	Soil Texture ()Sand	94	58.2	FAO of United Nations, Rome Chapter III 2008
	Soil Teature in Silt	26	27.2	FAO of United Nations, Rome Chapter III 2008
Ð	Soil Testure sinClay	76	14.6	FAO of United Nations, Rome Chapter III 2008
1	pH Value (ii) 25 ° C (1 - 2.5)		8.40	IS 2720 (Part 36) 1987
0	Electrical conductivity (i): 25 ° C (1 : 2)	р/5/сия	165.7	IS 14767: 2000
1	Hulk Density	gm/cm3	0.9%	FAO of United Nations Rome 2007
12	Organic Carbon	76	0.24	25 2720 (Part 22) Section 1 1972
13.	Organic Matter	76	0.42	15 2720 (Part 22) Section 1 1972



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Name of the Client

TEST REPORT

Page: 2.072

ULR : TC1231025000016998F

Report No. : HECS/PE/056/140325

Sample ID No : 140325240

Sampling Dure | 14/03/2025

Address of the Client : Turicorin

Group Pollstion & Environment

Sample Name Smill Sample Mark : NA Sample Reference : NA

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

May SPECOT

Sample Location Pudurpandiyapuram

Environmental Condition : Temperature (°C): 27.9 | Humidity (%):56.0

Sampling Method & Plan : ICARDA: 2013

Received Date : 14/03/2025 Commenced Date : 14/03/2025 Completed On : 07/04/2025

Report Date : 07/04/2025 Sample quantity: 1 Kg

S.No.	Test Parameters	Unity	Results	Test Method
14	Available Phosphorous as P	HB/E	5.45	FAO of United Nations, Rome Chapter III 2008
15	Available Potassium	mEq/100g	17.76	FAO of United Nations, Rome Chapter BI 2008
16	Boron as B	mg/kg	BLQ(LOQ 0.1)	HECS-G/ENV/SSW/SOP/018 Imac No. 01 Issue Date:02:07 2020
17	Total himsen as h	54	0.0090	55 14684 Climpic 4 7999
í E	Dicharquide Calcium as Co.	.Fig.Lu	7,90	FAO of United Nations, Rome Chapter 32 2008
19	Exchangable Magnesium as Mg	mEq/L	11.85	FAO of United Nations, Rome Chapter III 2008
20	Cation Exchange Capacity	mEq/100g	2.0	IS 2720 (Part 24) Clause 5 1976
21	Water Holding capacity	14	19.2	15 14765; 2000
22	Colour		Drown	HECS-G/ENV/SSW/SOP/011 Inne No.01 Inne Date/07:07: 2020

Note:- BLQ : Below the Limit of Quantification, LOQ: Limit of Quantification, mg/kg: milligram per kilogram, % - Percentage... "End of Report"



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HECS-COVEMT/049

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Guindy, Chennai - 600 032.

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E-mail: labsales@hecs.in

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TEST REPORT

Page: LoI I

Report No.

HECS/PE/056/140325/N

Sample ID No

: 140325240

Sampling Date:

: 14/03/2025

Address of the Client

Name of the Client

: Tuticoria

M/s. SIPCOT

Group

Pollution & Environment

Received Date 14/03/2025

Sample Name

- Soil

Commenced Date 7 14/03/2025

Sample Mark

: NA

Completed On 07/04/2025

Sample Reference

INA

Report Date

: 07/04/2025

Sample Drawn By Sample Location

Pudurpandiyapuram

Sample quantity 51 Kg.

Environmental Coodmon

Temperature ("C): 27.9 | Humidity (%):56.0

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

Sampling Method & Plan : ICARDA : 2013

S.No.	Test Parameters	Units	Results	Test Method
Discip	fine : Chemical		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Moisture	**	6.34	HECS-G/ENV/SSW/SOP/003 Issue No:01 Issue Date:02:07: 2020
	Manganese	mg/kg:	303.70	HECS-G/INS/SOR/ 642
F.:	Irm	mg/kg	3.15	Inhouse method
	Infiltration Rate		12	inhose method

Notes- mg/kg: milligrum per kilogram, % - Percentage.

""End of Report""



HECS-G/O/FMT/49

A-21, III Phase, Thiru Vi Ka Industrial Estate,

Guindy, Chennai - 600 032.

Ph: 42985555 / 43635555 Fax: 42985500

E-mail: labsales@hecs.in

Name of the Client

Address of the Client

Circup



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TEST REPORT

Page: 1 of 2

ULR : TC1231025000017094F

Report No. 3 HECS/PE/057/140325

Sample ID No : 140325241

Sampling Date - 14/03/2025

Pollution & Environment

MA. SIPCOT

: Tuticorio

: Soil Sample Name Sample Mark DNA Sample Reference INA

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

Sample Location TherkaVeerapandiyapurani

Environmental Condition : Temperature (°C) : 27.9 | Humidity (%) :56.0

Received	Dute:	14/03/2025

Commenced Date 7 14/03/2025 Completed On 107/04/2025 Report Date 07/04/2025

Sample quantity 71 Kg

S.No.	Test Parameters	Units	Results	Test Method
Direip	disc : Chemical			
1	Cadmium	mg/Kg	HLQ (LOQ: 0.1)	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021
2	Chromium	mg/Kg	25.94	HECS-G/RS/SOP/042 Issue No.:01 Issue Date:01.01.2021
х:	Copper	mg/Kg	42.82	HECS-G/INS/SOP/ 042 hour No.101 ione Date/01.03.2021
d.	Zine	organic.	18.20	HECH-CHINDODOP (H42 Issue No.3)5 Ione Date:01.03.2021
5	Soil Texture	*	Clay	FAO of United Nations, Rome Chapter III 2006
ñ.	Soil Texture ()Sand	96	15.0	FAO of United Nations, Rome Chapter III 2008
E:	Soil Texture ii)558t	%	24.6	FAO of United Nations, Rome Chapter III 2008
H .	Soil Testure in Chy	26	60.4	FAO of United Nations, Rome Chapter III 2008
0	pH Value (iii 25 ° C (1 : 2.5)		8,50	IS 2720 (Part 26) 1987
10	Electrical conductivity (@ 25 ° C (1 : 2)	µS/cm	1464	IS 14767: 2000
1.1	Bulk Density	gm/em3	0.98	FAO of United Nations Rosse 2007
12	Organic Carbon	16	0.34	45 2720 (Part 22) Sestion 1 1972
13	Organic Matter	54	0.60	15 2720 (Part 22) Section 1 1972



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HECS-CONFITT/049 HECS-G/Q/FMT/049

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TEST REPORT

Page: 2 of 2

ULR

: TC1231025000017094F

Report No.

HECS/PE/057/140325

Sample ID No.

Report Date

1140325241

Sampling Date

Received Date : 14/03/2025

Commenced Date: 14/03/2025 Completed Co : 07/04/2025

Sample quantity 11 Kg.

: 14/93/2025

07/04/2025

Address of the Client

Name of the Client

: Tuticorio

M/s. SIPCOT

Group

Pollution & Environment

: Sell

Sample Name Sample Mark

INA

Sample Reference

PNA

Sample Drawn By Sample Location

M/s. Hubert Enviro care Systems (P) Ltd. - TherkuVeerspandiyapuram

Environmental Condition

Temperature (°C) : 27.0 | Humidity (%) -54.0

S.No.	Test Parameters	Units	Results	Test Method
14	Available Phosphorous as P	148/E	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter III 2008
5	Avoilable Potassium	mEq/100g	21.47	FAO of United Nations, Rome Chapter #1 2001
16	Boron as B	mg/kg	BLQ(LOQ 0.1)	HECS-G/ENV/SSW/SOP/018 Issue No.:01 Issue Date:02:07: 3020
7	Total Minoger as 50	76	0.0158	IS 14684 Classic # 1999
×	ExchangeMe Calcium in Ca	mEq/1.	7.86	FAO of United Nations, Bons Chapter 10 2008
9.	Exchangable Magnesium as Mg	ruEq/L	7.86	FAO of United Nations, Rome Chapter III 2008
0	Cation Eschange Capacity	mEq/100g	2.2	IS 2720 (Part 24) Clause 5 1976
1	Water Holding capacity	%	20.6	IS 14765; 2000
12	Colour	-	Hlack	HECS-G/ENV/SSW/SOP/011 Issue No.:01 Issue Date:02:07: 2020

Note:- BLQ : Below the Limit of Quantification, LOQ: Limit of Quantification, mg/kg: milligram per kilogram, % - Percentage. ***End of Repost***



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E-mail: labsales@hecs.in

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TEST REPORT

Page: Loft

Bioport No.

HECS/PE/057/140325/N

Sample 8D No.

140325241

Sampling Date

14/03/2025

Address of the Client

Name of the Client

: Tuticoria

M/s.SPCOT

Received Dani

14/03/2025

Sample Name : Soil

Commen

Commenced Date: 14/03/2025

Sample Mark

: NA

Completed On

07/04/2025

Sample Reference Sample Drawn By

Group

-NA

Report Date

07/04/2025

Sample Location

: M/s.Hubert Enviro care Systems (P) Ltd. : TherkuVeerapandiyapuram

Pollution & Environment

Sample quantity 1 Kg

Environmental Condition

s nes im a cerubanioù ubar nin

: Temperature (°C) : 27.9 | Humidity (%) :56.0

Sampling Method & Plan

: ICARDA: 2013

S.No.	Test Parameters	Units	Results	Test Method
Discip	dine : Chemical			
	Meksture	16	8.60	HECS-G/ENV/SSW/5OP/003 Issue No. 01 Issue Date:02:07: 2020
2	Manginese	mg/kg	328.22	HECS-G/INS/SORY 042
3	Iron	mg/kg	7.05	Inhouse method
	Infiltration #ate		0.5	Inhouse method

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

End of Report



The report in full or part abuilt not be used for any promotions or publicity prepare without written consent by HECS experience. 2. Seeples are not discuss by HECS science or otherwise resolutions. 3. Under a positional property requirements for any promotion of the resolution of the four positions of test report. 4. Under on consentances tab accepts any tabletty or taxa. I demage cannot by use or informed the report after involving or involve of test report. 5. The test receipt relate only to the rest time.
 HECS-G/Q/FMT/49

A-21, III Phase, Thiru Vi Ka Industrial Estate.

Guindy, Chennai - 600 032.

Ph: 42985555 / 43635555 Fax: 42985500

E-mail: labsales@hecs.in



Laboratory Services Division

(Chemical & Biological Testing) Recognized by CPCB (MoEF & CC) **BIS FSSAI Notified Laboratory** ISO 9001, 14001 & 45001 Certified.



Name of the Client

TEST REPORT

Page: Lof L

ULR

: TC1231025000016271F

Report No.

HECS/AP/086/140325

Sample ID No

Completed On

Sample quantity (NA

Report Date

Received Date : 14/63/2025

Commenced Date: 14/03/2025

: 140325231

Sampling Date:

: 14/03/2025

: 04/04/2025

: 04/04/2025

Address of the Client

: Toticorio

M/s. SIPCOT

Group

Atmospheric Pollution

Sample Name

: Ambient Noise Levels (Excluding vibration)

Sample Mark

Sample Reference

: NA

Sample Drawn By

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

Sample Location Environmental Condition

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

Sampling Method & Plan : 15 9989-1981

5.No	Sampling Location	Day Noise level in dB (A)	Night Noise level in dB (A)
	Project Site	53.2	44.8
2	Thattaparai	51.4	42.5
3.	Pandarampathi	52.0	41.3
6	Podur Pandiyapurms	31.6	43.6
5	Therku Veerapandiyopuran	54.3	43.8

Noise Standards - CPCB:

Industrial Area : Day Time-75 dB Night Time-70 dB H. Commercial Area : Day Time-65 dB Night Time-55 dB iii. Residential Area : Day Time-55 dB Night Time-45 dB iv. Silence Zone : Day Time-50 dB Night Time-40 dB

Note:

Day Time shall mean from 6.00 am to 10.00 pm.

2. Night Time shall mean from 10.00 pm to 6.00 am.

Remarks: The noise level meets the requirement of CPCB Limit

""End of Report"



D.Anusuya Lab Manager Authorized Signatory

1. The report in full or part shall not be used for any promutance or publicity purpose without written current by HECS organization. Z. Samples are not shawn by HECS unless or otherwise manthemed 3. Univers operationally requirement the test flower will not be extended more than 15 days from the data of feature of test report. 4. Under our circumstances lab accepts any liability or loss / damage cannot by one or returns of test report after innovating or require of feat report. 5. The least report. 5. The least report of test report. 4. Under our circumstances lab accepts any liability or loss / damage cannot by one or returns of feat report after innovating or require of feat report. 5. The least report. 6. Under our circumstances lab accepts any HECS-G/Q/FMT/049



P-IV/EC/I/179105/2024/TU

Date: 30.09.2024

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

Sir,

Sub: SIPCOT Industrial Park, Thoothukudi - Environmental Statement for the

Financial Year ending 31st March 2024 - Submitted - Reg.

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

With reference to the above, we hereby submit the Environmental Statement in Form-V as prescribed under the Environmental (Protection) Rules, 1986 and its subsequent amendment in respect of SIPCOT Industrial Park at Therkuveerapandiyapuram and Meelavittan Villages in Thoothukudi Taluk, Thoothukudi District, Tamil Nadu for the Financial Year ending 31st March 2024.

Yours faithfully, Sd/-MANAGING DIRECTOR

Encl: As above.

/Forwarded by Order/

ASSISTANT GENERAL MANAGER (P-IV)

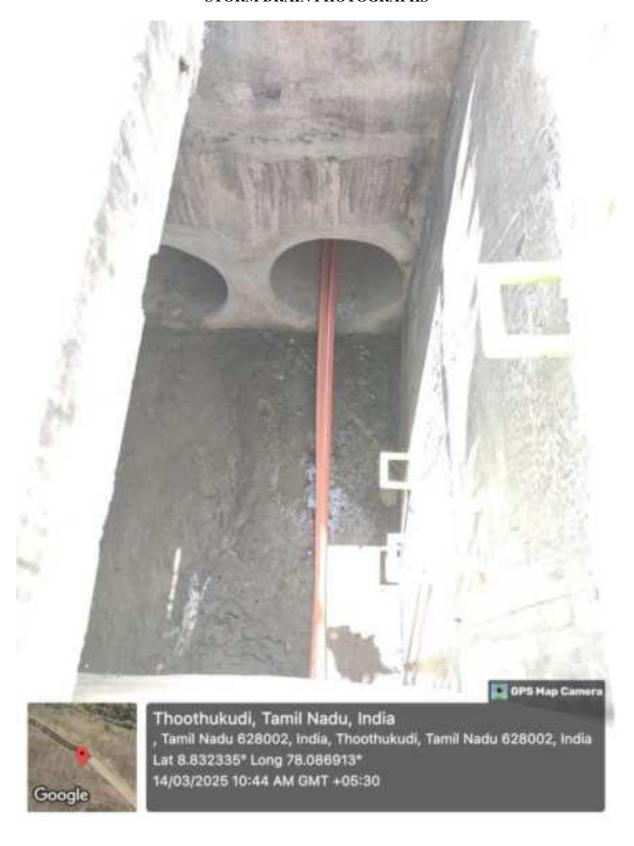
Jell with

GREEN BELT PHOTOGRAPHS

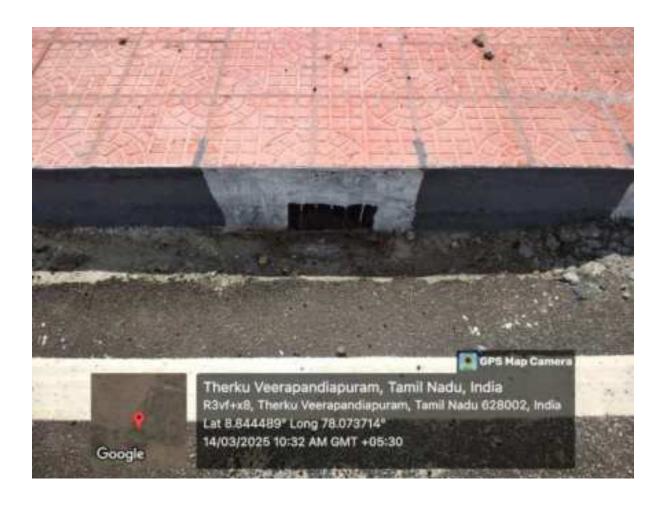




STORM DRAIN PHOTOGRAPHS





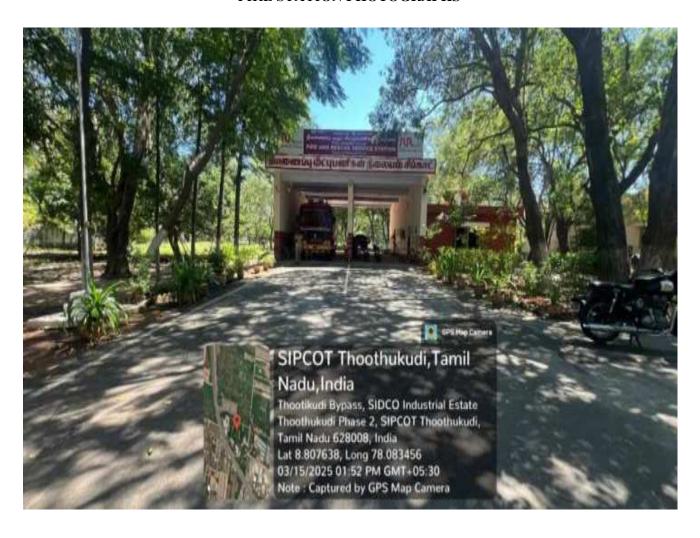


LED LIGHT PHOTOGRAPHS





FIRE STATION PHOTOGRAPHS



Annexure 17

