



EC/Mambakkam/HYC/June/2025

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

Sir/Madam,

Sub: SIPCOT Industrial Park at Mambakkam - 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.No/7652/EC8 (a)/852/2022 dt.01.07.2022

We hereby submit the Half Yearly Compliance Report for the Development of Industrial Park at Mambakkam Village, Sriperumbudur Taluk, Kancheepuram 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,

CONSULTANT (PROJECT MANAGEMENT) BOKK

Date: 30.05.2025

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

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

P.T.O.

State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking) CIN I U74999TN1971SGC005967

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, Sriperumbudur.

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

HALF YEARLY ENVIRONMENTAL CLEARANCE COMPLIANCE REPORT

For the Period of October 2024 - March 2025

For

"Development of Industrial Park at Mambakkam Village, Kancheepuram District, Tamil Nadu"

EC OBTAINED Vide Letter No. SEIAA – TN/F.No.7652/EC /8(a)/852/2022 dated: 01.07.2022

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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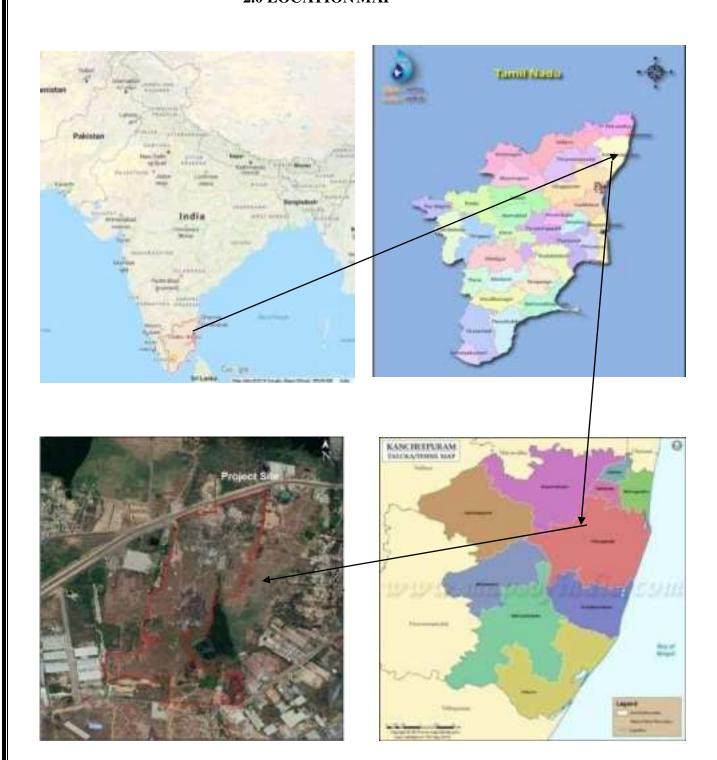
LIST OF ANNEXURE

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1.0 PROJECT DETAILS

Name of the Project	Development of Industrial Park at Mambakkam	
Name of the Proponent	M/S. State Industries Promotion Corporation of Tamil Nadu Limited (SIPCOT)	
Location	Mambakkam Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu.	
EC. No	EC22B039TN156655 dt. 22.07.2022 SEIAA Letter No. SEIAA-TN/F.No/7652/EC8(a)/852/2022 dt.01.07.2022 (Enclosed as Annexure 1)	
Total Extent	74.76 Hectares (184.66 acres)	
Water Requirements	Total water requirement: 1637 KLD Fresh water – 168 KLD, TTRO water – 870 KLD and Recycled water – 599 KLD Source: CMWSSB (Fresh water: Chembarambakkam Lake, Tertiary Treated water: Koyambedu 45 MLD TTRO Plant)	
Project Cost	Rs.242 Crores	

2.0 LOCATIONMAP



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	STP is not proposed by SIPCOT. All the
	operate and maintain the Sewage treatment	member units will be instructed to have their
	plant & Grey Water Treatment Plant to	own STP and to reuse the treated water as per
	achieve the standards prescribed by the	the norms.
	TNPCB/CPCB.	
2.	The project proponent shall inform DISH	SIPCOT has requested DISH to conduct the mock
	about development of SIPCOT near gas	drill. The acknowledgement letter is enclosed as
	pipeline and mock drill shall be conducted	Annexure – 11.
	along with SIPCOT agency and report of the	
	same shall be submitted to SEIAA before	
	obtaining CTO from TNPCB.	
3.	The project proponent shall submit flood	Condition Noted
	inundation certificate and shall fix the level	
	according to the conditions issued in the	
	certificate.	
4.	The project proponent shall submit structural	Condition Noted
٦.	stability certificate from reputed institutions	Condition Protect.
	like IIT, Anna University etc. to TNPCB.	
	ince itt, tima om versity etc. to 1141 cb.	
5.	The height of the stacks of DG sets shall be	The SIPCOT has not proposed any DG set's
	provided as per the CPCB norms.	within project site.
		All the member units will be instructed to follow
		CPCB norms for DG stack.

6.	The project proponent shall allot necessary	Condition Noted.
	area for the collection of E waste and strictly	All the member units will be instructed to follow
	follow the E-Waste Management Rules 2016,	applicable rules and guidelines.
	as amended for disposal of the E waste	
	generation within the premise.	
7.	The proponent shall make proper	STP is not proposed by SIPCOT.
	arrangements for the disposal of the treated	Individual industries will be instructed have their
	water from the proposed site for Toilet	own STP as per their requirement and reuse the
	flushing. Green belt development & OSR and	treated wastewater as per norms.
	no treated water be let out of the premises.	
8.	The sludge generated from the Sewage	Condition will be complied. All the member
	Treatment Plant shall be collected and	units will be instructed to have their own STP as
	dewatered using filter press and the same shall	per the requirement and to reuse the treated
	be utilized as manure for green belt	water as per the norms.
	development after composting.	
9.	The proponent shall provide the separate wall	
	•	Individual industries will have their own STP.
	layout furnished and committed.	OSR area will be utilized for greenbelt
		development as mentioned in EC.
10.	The purpose of Green belt around the Project is	Condition will be complied.
	to capture the fugitive emissions, carbon	Greenbelt will be developed in minimum of 33%
	sequestration and to attenuate the noise	of total developable area with native and
	generated, in addition to the improvement in	indigenous species.
	the aesthetics. A wide range of indigenous	Greenbelt photographs is enclosed as annexure -
	plants species should be planted in and around	15
	the premise in consultation with the DFO,	
	District / State Agriculture University and	
	local school/college authorities. The plant	
	species with dense/ moderate canopy of	
	native origin should be chosen. Species of	
	small/medium/tall trees alternating with shrubs	
	should be planted in a mixed manner.	

11	Taller/one year old Saplings raised inappropriate size of bags, preferably ecofriendly bags should be planted in proper spacement as per the advice of local forest authorities botanist/Horticulturist with regard to site specific choices. 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 all	Condition noted.
	organized manner.	
12.	The project proponent shall provide entry	Condition Noted.
	and exit points for the OSR area, play area as	Separate entry and exit points will be provided for
	per the norms for the pubic usage and as	the OSR area.
	committed.	
13.	The Proponent shall provide rain water	Condition will be complied.
	harvesting sump of adequate capacity for	
	collecting the runoff from rooftops, paved	
	and unpaved roads as committed.	
14.	The project proponent shall obtain the	All the member units will be instructed to obtain
	necessary authorization from TNPCB and	necessary approvals / clearances and to follow
	strictly follow the Hazardous & Other	applicable rules and guidelines.
	Wastes (Management and Transboundary	
	Movement) Rules, 2016. as amended for the	
	generation of Hazardous waste within the	
	premises.	
15.	No waste of any type to be disposed off in	Condition noted.
	any other way other than the approved one.	All the member units will be instructed to comply
		with.
16.	The Proponent shall provide the dispenser for	Condition Noted.
	the disposal of Sanitary Napkins.	

17.	All the mitigation measures committed by	Condition Noted.
	the proponent for the flood management, to	
	avoid pollution in Air, Noise, Solid waste	
	disposal, Sewage treatment & disposal etc.,	
	shall be followed strictly.	
18.	The project proponent shall furnish	Condition Noted.
	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.	
19.	The project proponent shall provide a medical	Condition Noted.
	facility, possibly with a medical officer in	
	the project site for continuous monitoring	
	the health of construction workers during	
	COVID and Post – COVID period.	
20.	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	
21.	As per the MoEF&CC Office Memorandum	Condition Complied.
	F.No. 22-6512017-1A.1 Dated: 30.09.2020	The detailed EMP and revised CER were
	and 20.10.2020 the proponent shall furnish	submitted to SEIAA before placing the subject to
	the detailed EMP and revised CER shall be	SEIAA. The letter is enclosed as Annexure – 8.
	furnished before placing the subject to	

22. As accepted by the PP the revised CER cost Condition will be complied. of Rs.5 crore shall be spent with activities particularly creation of Environmental Website and also creation of Environment center in school, revamping school building construction/Maintenance of school building construction of Girls toilet with 4/7 water facility, providing sanitary napkin along with Incinerator for the disposal (if applicable) tree plantation in consultation with concerned Government school HM located Mambakkam Village before obtaining CTO from TNPCB.

SEIAA Additional Conditions:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
1.	The project proponent shall in-house Only non -	Condition Noted.
	EIA attracting industries alone (Electronics &	
	Electrical parts manufacturing and assembling	
	industries falling under Red, Orange, Green, &	
	white category industries) as per EIA	
	notification as amended for the proposed 24	
	nos of plots.	
2.	The project proponent shall start establishment	Condition Noted.
	only after complete alienation of Patta lands.	
	Govt. Poramboke lands & water bodies	
	within the proposed site in concurrence with the	
	competent authority before obtaining consent	
	from TNPCB.	

3.	The project proponent shall obtain necessary	Government of Tamil Nadu has issued
	permission for water bodies within/around the	Administrative sanction for acquisition of lands.
	proposed site from the Competent Authority	The water bodies will be maintained as is where
	before obtaining CTE from TNPCB.	is condition.
		Water body photographs is enclosed as
		annexure- 20
4.	The project proponent (SIPCOT) shall ensure tha	tCondition Noted.
	IOCL pipeline within the proposed project site	IOCL pipeline photographs is enclosed as
	shall not be disturb at any time and the SIPCOT	annexure - 17
	shall provide & maintain adequate safety distance	
	at all times as per recommendation of competent	
	authority. Also, the proponent shall ensure that	
	prior intimation from the IOCL & competent	
	authorities are obtained every time for carrying	
	out any development activities/maintenance	
	activities around the said IOCL Pipeline within	1
	around the proposed project site and such	
	development activities /maintenance activities	
	shall be carded out under the supervision of	
	IOCL & competent authorities.	
5.	The project proponent (SIPCOT) shall earmark	Condition Noted.
	in & around the IOCL pipeline area & HT line	IOCL pipeline photographs is enclosed as
	area within/around the project site & declare the	annexure - 17
	said area as non- development area /prohibited	
	area for any form of public access including	
	parking of any type vehicles as a safety	
	precautionary measures.	
6.	The project proponent shall obtain and maintain	Condition complied.
	valid permission all time for supply of fresh	The water requirement will be met from the
	water as committed.	TTRO plant (Koyambedu) and
		Chembarambakkam Lake through CMWSSB.
		CMWSSB allotment letter is enclosed as
		Annexure - 9.

7.	The project proponent shall ensure that non -	Condition will be complied.
	EIA attracting Industries to be in-housed shall	All the member units will be mandated to
	treat the effluent generated by providing	adopt ZLD & reject management system for
	adequacy individual ETP with ZLD Followed by	reuse of treated water for their process and
	reject management system and shall reuse the	utilities as per the norms.
	treated effluent for the process activity.	
8.	The project proponent shall ensure that Non -	All the member units will be mandated to have
	EIA attracting industries to be in housed shall	individual STP. The treated water will be used
	treat the Sewage generated by providing adequate	for greenbelt as per the norms.
	individual STP and shall reuse the treated sewage	
	for the toilet flushing & greenbelt/gardening as	
	committed.	
9.	The project proponent shall ensure that non -	All the member units will be instructed to
	EIA attracting Industries to be in- housed shall	follow all applicable rules and guidelines.
	provide adequate elevated closed area	
	earmarked for collection, segregation, storage $\&$	
	disposal of waste generated within the premises	
	as per provisions of Solid Waste Management	
	Rules, 2016, E-Waste (Management) Rules,	
	2016, Plastic Waste Management Rules, 2016 as	
	amended, Bio-Medical Waste Management	
	Rules,2016 as amended, Hazardous and Other	
	Wastes (Management and Transboundary	
	Movement) Rules, 2016 as amended,	
	Construction and Demolition Waste	
	Management Rules, 2016, & Batteries	
	(Management and Handling) Rules, 2001.	

10.	The project proponent shall ensure that non -	All the member units will be instructed to
	EIA attracting industries to be in-housed shall	follow all applicable rules and guidelines.
	provide elevated STP/ETP of adequate capacity	
	& its utilities above the ground level with	
	adequate height considering highest rainfall &	
	flood level /inundation point of view as	
	recommended by the competent authority) for the	
	proposed project site.	
11.	The project proponent shall ensure that the	Condition noted.
	industries to be in – housed shall adhere that no	All the member units will be instructed have
	treated or untreated trade effluents/sewage is	STP/ETP for treatment of wastewater and
	discharged outside the premises under any	reuse the treated water as per the norms
	circumstances.	without discharging outside the premises.
12.	The project proponent and the non- EIA	Condition will be complied.
	attracting Industries to be in-housed shall	All the member units shall comply with.
	provide the utilities / arrangement for fresh	
	water supply, Storm/rain water management, and	
	for reuse of treated sewage / effluent as	
	proposed.	
13.	The project proponent shall provide & maintain	Condition Noted.
	adequate storm water management & rain water	
	harvesting structure as committed for the project	
	site.	
14.	The project proponent shall obtain necessary	Condition Noted.
	permission for disposal of storm water, to	Storm water photograph is enclosed as
	nearby storm water drain from competent	annexure - 14
	authority, before obtaining CTO.	
15.	The project proponent shall ensure that	All the member units will be mandated to
13.	industries to be in housed shall operate and	
	maintain the proposed individual STP/ ETP	Î
	efficiently and continuously to bring the quality	
	of treated sewage/ effluent to satisfy the	
	discharge standards prescribed by the CPCB at	
	all times.	
	un unico.	

16.	The proponent & the Industries to be in-	Condition Noted. All the member industries
	housed shall periodically conduct and submit	will be instructed to follow all applicable rules
	fire safety study, emergency evacuation plan,	and guidelines.
	risk assessment study, occupational health safety	
	study for the worst case scenario in regard to	
	existing safety measures/standard operating	
	procedures adopted for the process/	
	equipment/utilities for operation & maintenance	
	and the storage areas of products, raw materials,	
	solvent, fuel, etc. in the different operating zones	
	of the plant at least once in a year to regularly	
	identify safety fragile areas within the plant	
	which requires regular monitoring and the	
	proponent shall submit the same along with	
	timeline for implementation of the said	
	recommendations to the concerned departments.	
17.	The recommendation for the issue of	Condition noted.
	Environmental Clearance is subject to outcome of	
	Hon'ble High Court of Madras in W.P	
	Nos.207632017 & 27850/2019.	
18.	The project proponent & the Industries to be in-	Condition Noted. All the member industries
	housed shall ensure buildings constructed are	will be instructed to follow all applicable rules
	energy efficient and conform to the green	and guidelines.
	buildings norms.	
19.	The project proponent shall ensure Industries to	Condition will be complied. All the member
	be in-housed shall adhere to provide adequate	units shall comply with.
	parking space for visitors of all inmates	
	including clean traffic plan as committed.	
20.	The project proponent shall adhere to the	Condition Complied.
	approval obtained for the source of fresh Water	The water requirement will be met from the
	supply from the competent Authority.	TTRO plant (Koyambedu) and
		Chembarambakkam Lake through CMWSSB.
		CMWSSB allotment letter is enclosed as
		Annexure - 9.
	•	

21.	The proponent & the industries to be in-	Condition Noted. All the member industries
	housed shall strictly adhere to all bio safety	will be instructed to follow all applicable rules
	standards. hygienic standards and safety norms	and guidelines.
	of working staff and patients to be strictly form	
	time to time as Guidance of competent authority	
22.	The proponent & the Industries to be in-	Condition Noted. All the member industries
	housed shall strictly adhere to the disaster	will be instructed to follow all applicable rules
	management and disaster mitigation	and guidelines.
	measures/standards to avoid any calamities.	
23.	The proponent & the Industries to be in-	Condition noted.
	housed shall strictly adhere to the EIA/EMP and	
	disaster management plan.	condition.
24.	The activities should in no way cause emission	
	and build-up Green House Gases. All actions to	
	be ecofriendly and support sustainable	guidelines.
	management of the natural resources within and	
25	outside the campus premises.	G I'' No I All d
25.	The proponent should strictly comply with Tamil	Condition Noted. All the member industries
	Nadu Government order regarding ban on one time use and throwaway plastics irrespective of	will be instructed to follow all applicable rules and guidelines.
	thickness with effect from 01.01.2019 under	and guidennes.
	Environment (Protection Act, 1986).	
26		
26.	The proponent & the industries to be in-housed	
	shall ensure proper arrangement &utilization of	
	recycled water.	wastewater. The Treated water will be used
		for their process / utilities / greenbelt with proper provisions.
27		
27.	The proponent & the Industries to be in-	
	housed shall ensure that all trees &	
	biodiversity listed in EIA report to be	
	protected within the premises.	
28.	The proponent & the industries to be in-housed	Condition Noted. All the member industries
	shall ensure that the buildings should not cause	will be instructed to follow all applicable rules
	any damage to water environment, air quality	and guidelines.
	and should be carbon neutral building.	

29.	All the Buildings shall be energy efficient and	Condition Noted. All the member industries
	confirm to the green building norms.	will be instructed to follow all applicable rules
		and guidelines.
30.	The proponent & the Industries to be in-	Condition Noted.
	housed shall ensure almost safety for the	
	existing biodiversity, trees, flora & fauna	
	shall not disturb under any circumstances.	
31.	The proponent & the Industries to be in-housed	Condition Noted. All the member industries
	shall ensure that the all activities of EMP shall	will be instructed to follow all applicable rules
	be completed before obtaining CTO from	and guidelines.
	TNPCB.	
32.	The proponent & the Industries to be in-housed	
	shall ensure that the activities undertaken	
	should not result in carbon emission, and	and guidelines.
	temperature rise, in the area.	
33.	The proponent & the Industries to be in-housed	Condition Noted. All the member industries
	shall ensure that the buildings and activities	will be instructed to follow all applicable rules
	should not result in Environmental damages	and guidelines.
	nor result in temperature rise.	
34.	The proponent & the Industries to be in	Condition will be complied.
	housed shall provide and ensure the green belt	Greenbelt photographs is enclosed as annexure
	plan is implemented as indicated in EMP. Also	- 15
	the proponent shall explore possibilities to	
	provide sufficient grass lawns.	
35.	The proponent & the industries to be in-	Condition Noted. All the member industries
	housed shall ensure to provide the emergency	will be instructed to follow all applicable rules
	exit in the buildings.	and guidelines.
36.	The proponent & the Industries to be in-housed	Not applicable. It is an Infrastructure
	shall ensure to provide elevator as per rule	project. All the member industries will be
	CMDA/DTCP	instructed to follow all applicable rules and
		guidelines.
<u></u>		

37.	The proponent & the industries to be in-	Not applicable. STP is not proposed by
	housed shall ensue to provide adequate	SIPCOT.
	capacity of DG set capacity (standby) for the	
	proposed STP so as to ensure continues and	
	effective operation.	
38.	The proponent & the industries to be in-housed	Condition will be complied.
	shall adhere to the provision and norms regard to	
	fire safety Prescribed by competent authority.	
39.	The project proponent & the Industries to be	Storm Water drain shall be provided all
	in-housed shall adhere to storm water	along the internal roads.
	management plan as committed.	Storm water drain photographs is
		enclosed as annexure - 14

PART A - Common condition applicable for Pre-construction,

Construction and Operational Phase:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
1.	Any appeal against this environmental	No appeal lies against this Environmental
	Clearance shall lie with the Hon'ble National	Clearance.
	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 shall 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.	

3.	The Environmental safeguards contained in the application of the proponent/ mentioned during the presentation before the State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee should be implemented in the letter and spirit.	Condition noted.
4.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) 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.	Condition noted. All the member industries will be instructed to obtain all necessary statutory clearances and approvals. Consent to Establish obtained from TNPCB and the copy of CTE is attached as Annexure-2.
6.	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 his 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.	Condition noted. Condition noted.

7.	The environmental statement for each	Condition complied.
	Financial year ending 31 St March in Form V	The Form V Acknowledgement copy is
	as is mandated to be submitted by the	attached as Annexure –13.
	project proponent to the concerned Pollution	
	Control Board as prescribed under the	
	Environment (protection) Rules 1986. as	
	amended Subsequently. Shall also be put on	
	the website of the company. The status of	
	compliance of environmental Clearance	
	conditions and shall also be, sent to the	
	Regional Office of the Ministry of	
	Environment and Forests. Chennai by e-	
	mail.	
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	Conditions complied.
	obtained from the Tamil Nadu Pollution	CTE obtained from TNPCB and the copy of
	Control Board and a copy shall be submitted	CTE is attached as Annexure-2.
	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 project.
	SEAC/SEIAA shall be obtained before	
	implementation.	

11.	The conditions will be enforced inter- alia.	Condition noted.
	Under the provisions of the Water	CTE copy is enclosed as annexure - 2
	(Prevention & Control Of pollution) Act,	
	1974, the Air (prevention Pollution) Act,	
	1981, the Environment (protection) Act,	
	1986. The public Liability Insurance Act,	
	1991, along with their amendments, draft	
	minor mineral Conservation & Development	
	Rules Sale & Control of Act. 1986, the	
	public ,draft Minor Mineral 2010 framed	
	Under MMDR Act 1957, National	
	Commission for protection Of Child Right	
	Rules,2006 and rules Made there under and	
	also any other order 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	SIPCOT shall comply with all applicable
	mentioned above may result in withdrawal	conditions specified in the EC.
	of this clearance and attract action under the	
	provision of the Environment (Protection)	
	Act, 1986.	
	1	

14.	The proponent shall upload the status of	Condition is being complied.
	compliance of the stipulated EC condition,	Compliance of EC conditions uploaded in
	including results of monitored data on their	website is enclosed as Annexure – 12.
	website and shall update the same	
	periodically. It shall simultaneously be sent	
	to the Regional Office of MoEF, Chennai,	
	the respective Zonal Office of CPCB,	
	Bangalore and the TNPCB. The Criteria	
	pollutant levels namely PM 10, PM 2.5,	
	SO2, NOx (ambient levels as well as stack	
	emissions) or critical sectional parameters'	
	indicated for the project shall be monitored.	
15.	The SEIAA, TN may cancel the	Condition noted.
13.	environmental clearance granted to this	Condition noted.
	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 or stipulate any further condition	
	in the interest of environmental protection,	
	even during the subsequent period.	

absolve the applicant/ proponent of his obligation/ requirement to obtain other statutory and administrative authorities. 19. Where the trees need to be cut, compensation plantation in the ratio of 1:10 (planting of 10 trees for every one tree that is cut) should be done with the obligation to continuous maintenance. 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 cony to SFIAA annually	18.	The Environmental Clearance does not	Condition noted.
statutory and administration clearances from other statutory and administrative authorities. 19. Where the trees need to be cut, compensation plantation in the ratio of 1:10 (planting of 10 trees for every one tree that is cut) should be done with the obligation to continuous maintenance. 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		absolve the applicant/ proponent of his	
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Executive who will report directly to the head of the organization and the shortfall shall be strictly reviewed and addressed Manager, SIPCOT who will report directly to the Head of the Organization for implementation monitoring and compliance of the environmental safeguards. Details of Environmental Management Cell with Roles and Responsibilities are enclosed as Annexure - 3.		with suitable qualified personnel should be	Separate environmental management cell has
head of the organization and the shortfall 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. 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		set – up under the control of a senior	been assigned and will report to the General
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 Nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with		Executive who will report directly to the	Manager, SIPCOT who will report directly to
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 Nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with		head of the organization and the shortfall	the Head of the Organization for
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with Roles and Responsibilities are enclosed as Annexure - 3. 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			the environmental safeguards.
enclosed as Annexure - 3. 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			Details of Environmental Management Cell
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			with Roles and Responsibilities are
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Nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with			
Nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with			
account and the head wise expenses statement shall be submitted to TNPCB with	21.	The EMP cost shall be deposited in a	Condition noted.
statement shall be submitted to TNPCB with			
		*	
l a copy to SEIAA annually			
		a copy to SEIAA annually.	
22. The project activity should not cause any Condition will be complied.	22.		Condition will be complied.
disturbance & deterioration of the local bio			
diversity.		diversity.	

24.	The project activity should not Impact the	Condition will be complied.
	water bodies. A detailed inventory of the	Surface water quality monitored enclosed as
	water bodies forest should be evaluated and	Annexure-4.
	fact reported to the Forest Department &	
	PWD for monitoring.	
25.	All the assessed flora & fauna should be	Condition noted.
	conserved and protected.	
26.	The proponent should strictly comply with.	Condition Noted. All the member industries
	Tamil Nadu Government Order (Ms) No. 84	will be instructed to follow all applicable rules
	Environment and forests	and guidelines.
	(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.	
27.	Necessary permission shall be obtained	Condition complied.
	from the competent authority for the drawl	The water requirement will be met from
	/outsourcing of fresh water before obtaining	the TTRO plant (Koyambedu) and
	consent from TNPCB.	Chembarambakkam Lake through CMWSSB.
		CMWSSB allotment letter is enclosed as
		Annexure - 9.
28.	The proponent shall appoint an	STP is not proposed by SIPCOT.
	Environmental Engineer with necessary	
	qualification for the operation and	
	maintenance of STP (Sewage Treatment	
	Plant) and GWTP (grey water Treatment	
	plant).	
29.	The Proponent shall provide the dispenser	Condition will be complied.
	for the disposal of Sanitary Napkins.	

30.	All the mitigation measures committed by	Condition noted.
	the proponent for the flood management,	
	Solid waste disposal, Sewage treatment &	
	disposal etc., shall be followed strictly.	
31.	No waste of any type to be displayed of in	Condition noted.
	any watercourse including drains, canals and	
	the surrounding environment.	
32.	Traffic congestion near the entry and exist	Condition will be complied.
	points from the roads adjoining the	
	proposed project site must be avoided.	
33.	The safety measures proposed in the report	Condition will be complied.
	should be strictly followed.	

Part- B – Specific Conditions – Pre Construction Phase:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
1.	The project authorities should advertise with	Condition complied.
	basic details at least in two local	Newspaper advertisement copy is enclosed as
	newspapers widely circulated, one of which	Annexure - 5.
	shall be in the vernacular language of the	The copy of the press release has been
	locality concerned, within 7 days of the issue	forwarded to the Regional Office of the
	of clearance. The press releases also mention	Ministry of Environment and Forests located at
	that copy of the clearance letter is available	Chennai and SEIAA- TN. Acknowledgement
	with the State Pollution Control Board and	copy of the same is enclosed as Annexure -6.
	also at website of SEIAA, TN. The copy of	
	the press release should be forwarded to the	
	Regional Office of the Ministry of	
	Environment and Forests located at Chennai	
	and SEIAA- TN.	
2.	In the case of any change(s) in the scope of	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	Condition complied.
	by the proponent to the Local Body. The	The Screenshot of EC copy uploaded in the
	clearance letter shall also be put on the	website is attached as Annexure - 7.
	website of the Proponent.	
4.	The approval of the competent authority shall	Condition noted.
	be obtained for structural safety of the	Individual member units will be instructed to
	buildings during earthquake adequacy of fire	obtain all necessary statutory clearances and
	fighting equipments, etc as per National	approvals.
	Building Code including protection measures	
	from lightening etc before commencement of	
	the work.	
5.	All required sanitary and hygienic measures	Condition Noted. Necessary sanitary and
	for the workers should be in place before	hygienic measures will be provided.
	starting construction activities and they have to	
	be maintained throughout the construction	
	phase.	
6.	Design of building should be in conformity	Condition Noted. All the member industries
	with the Seismic Zone Classifications.	will be instructed to follow all applicable rules
		and guidelines.
7.	The Construction of the structures should be	Condition Noted. All the member industries
	undertaken as per the plans approved by the	will be instructed to follow all applicable rules
	concerned local authorities/local	and guidelines.
	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	STP is not proposed by SIPCOT.
	be obtained for using the treated sewage in	Individual industries will be instructed have
	the OSR area for gardening purpose. The	their own STP as per their requirement and to
	quality of treated sewage shall satisfy the	reuse the treated wastewater as per norms.
	bathing quality prescribed by the CPCB.	

shall be in accordance with the existing in CRZ area.	
FSI/FAR norms as per Coastal Regulation	
Zone Notification, 2011.	
11. The Project Proponent shall provide car Condition is not applic	cable. Proposed project is
parking exclusively for the visiting guest In development of Industri	rial 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 Conditions applicable	will be complied.
plans showing Separate pipelines marked with	•
different colours with the following details	
i. Location of STP,compost system,	
underground sewer line	
ii. Pipe Line conveying the treated	
effluent for green belt development	
iii. Pipe Line conveying the treated	
effluent for toilet flushing	
iv. Water supply pipeline	
v. Gas supply pipe line, if proposed	
vi. Telephone cable	
vii. Power cable	
viii. Storm water drains, and	
ix. Rain water harvesting system, etc.,	
and it shall be made available to the	
owners.	
14. A First Aid Room shall be provided in the Condition will be compl	lied. All the member
project site during the entire construction and units shall comply with.	
operation phases of the project.	

15.	The present land use surrounding the project	Condition noted.
	site shall not be disturbed at any point of time.	Project development activity is site specific and
		will not disturb the surrounding sites.
16.	The green belt area shall be planted With	Condition will be complied.
	indigenous native trees.	Greenbelt will be developed with
		indigenous native species.
		Greenbelt photographs is enclosed as
		annexure - 15
17.	Natural vegetation listed particularly the	Condition Noted.
	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,	Condition will be complied.
	there should be no disturbance to the	During construction and operation phase
	aquatic eco-system within and outside the	there will be no disturbance to the aquatic eco –
	area.	system.
19.	The Provisions of Forest Conservation Act	Not applicable.
	1980, Wild Life Protection Act 1972 & Bio	
	diversity Act 2002 should not be violated.	
20.	There should be Fire fighting plan an all	Condition will be complied. All the
	required safety plan.	member units will be instructed to follow
		applicable rules and guidelines.
21.	Regular fire drills should be held to create	Condition will be complied. All the member
	awareness among owners/ residents.	units shall comply with.

Part - C – Specific Condition – Construction phase:

S.NO	CONDITIONS	STATUS OF COMPLIANCE
1.	Construction Schedule:	
	i) The Project proponent shall have to furnish	Condition noted.
	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. All the member units will be
	construction should be screened for health	instructed to comply with.
	and adequately treated before and during their	
	employment on the work at the site.	
	ii) Personnel working In dusty areas should	Condition noted. All the member units will be
	wear protective respiratory devices and they	instructed to follow applicable rules and
	should also be provided with adequate training	guidelines.
	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. All the member units will be
	workers engaged in the project shall be	instructed to 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 noted.
	construction phase may be met from private	
	tankers.	
	ii) Provision shall be made for the housing	Condition not applicable. Local labours will
	labour within the site with all necessary	**
	infrastructures and facilities such as fuel for	
	cooking, mobile toilets, mobile STP, safe	· -
	drinking water, medical health care, creche	
	etc. The housing may be in the form of	
	temporary structures to be removed after the	
	completion of the project.	
	1 3	

	iii) Adequate drinking water and sanitary	Condition noted and will be complied. All the
	facilities should be provided for construction	member units will be instructed to comply
	workers at the site. The treatment and	with.
	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	Condition noted. All the member units shall
	be reduced by use of premixed concrete,	comply with.
	curing agents and other best practices	
	prevalent.	
	v) Fixtures for showers, toilet flushing and	Condition noted. All the member units shall
	drinking water should be of low flow type by	comply with.
	adopting the use of aerators / pressure	
	reducing devises / sensor based control.	
4.	Solid Waste Management:	
	i) In the solid waste management plan, the	Condition noted. All the member units shall
	STP sludge management plan for direct use	comply with.
	as manura gardans is not accontable; it must	
	as manure, gardens is not acceptable; it must	Solid waste management area is enclosed as
	be co-composted with biodegradables.	Solid waste management area is enclosed as annexure -19
	•	annexure -19
	be co-composted with biodegradables.	annexure -19 Condition noted.
	be co-composted with biodegradables. ii) Hazardous wastes such as batteries,	annexure -19 Condition noted. All the member units will be instructed to
	be co-composted with biodegradables. ii) Hazardous wastes such as batteries, small electronics, CFL bulbs expired	annexure -19 Condition noted. All the member units will be instructed to
	be co-composted with biodegradables. ii) Hazardous wastes such as batteries, small electronics, CFL bulbs expired medicines and used cleaning solvent bottles	annexure -19 Condition noted. All the member units will be instructed to
	be co-composted with biodegradables. ii) Hazardous wastes such as batteries, small electronics, CFL bulbs expired medicines and used cleaning solvent bottles should be segregated at source, in a month	annexure -19 Condition noted. All the member units will be instructed to
	be co-composted with biodegradables. ii) Hazardous wastes such as batteries, small electronics, CFL bulbs expired medicines and used cleaning solvent bottles should be segregated at source, in a month from residences and disposed as per the	annexure -19 Condition noted. All the member units will be instructed to follow applicable rules and guidelines.
	be co-composted with biodegradables. ii) Hazardous wastes such as batteries, small electronics, CFL bulbs expired medicines and used cleaning solvent bottles should be segregated at source, in a month from residences and disposed as per the SWM rules 2016.	annexure -19 Condition noted. All the member units will be instructed to follow applicable rules and guidelines.
	be co-composted with biodegradables. ii) Hazardous wastes such as batteries, small electronics, CFL bulbs expired medicines and used cleaning solvent bottles should be segregated at source, in a month from residences and disposed as per the SWM rules 2016. iii) Domestic solid wastes to be regularly	annexure -19 Condition noted. All the member units will be instructed to follow applicable rules and guidelines. Condition will be complied. All the member

	iv) No waste of any type disposed of in any	Condition Noted. All the member units will be
	watercourse including drains, canals and the	instructed to comply with.
	surrounding environment.	
	v) E-waste shall be disposed through	Condition Noted. All the member units will be
	Authorized vendor as per E-waste	instructed to follow applicable rules and
	(Management and Handling) Rules, 2016 and	guidelines.
	subsequent amendment.	
5.	Top Soil Management:	
	i) All the top soil excavated during	Condition Noted. All the member units will be
	construction activities should be stored for	instructed to comply with.
	use in horticulture/ landscape development	
	within the project site.	
6.	Construction Debris disposal:	
	i) Disposal of construction debris during	Condition Noted. All the member units will be
	construction phase should not create any	instructed to follow applicable rules and
	adverse effect on the neighboring	
	communities and be disposed off only in	
	approved sites, with the approval of	
	Competent Authority with necessary	
	precautions for general safety and health	
	aspects of the people, The construction and	
	demolition waste shall be managed as per	
	Construction & Demolition Waste	
	Management rules, 2016.	
	ii) Construction spoils, including bituminous	Condition Noted. All the member units will be
	materials and other hazardous materials must	instructed to comply with.
	not be allowed to contaminate watercourses.	Water bodies photograph is enclosed as
	The dump sites for such materials must be	annexure - 20
	secured so that they should not leach into the	
	adjacent land/lake/ stream etc.	
7.	Diesel Generator sets:	

	i) Low Sulphur Diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the	Condition Noted. All the member units will be instructed to follow applicable rules and guidelines.
	Rules framed thereon. ii) The diesel required for stand by DG sets shall be stored in underground tanks fulfilling the safety norms and if required, clearance from Chief Controller of explosives shall be taken.	
	iii)The acoustic enclosures installed at all noise generating equipments such as DG sets, air conditioning systems, cooling water tower etc.	Condition Noted. All the member units will be instructed to comply with.
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.	instructed to follow applicable rules and guidelines. Ambient air and Noise quality monitoring
	ii) Ambient air and noise levels should conform to residential standards prescribed by the TNPCB, both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during the construction phase. The pollution abatement measures shall be strictly implemented.	Condition noted. Individual industries will be instructed to comply with their statutory approvals / clearances. Ambient Air and Noise Monitoring Reports are enclosed as Annexure - 4 .

	be conducted ascertain their quality.	
	ii) Ready-mix concrete used in building construction and necessary cube tests should	Condition will be complied.
		Condition will be complied.
	(E) dated: 03.11.2009.	
	August, 2003 and Notification No. S.O. 2807	
	provision of Fly ash Notification of September, 1999 and amended as on 27th	guidelines.
	•	instructed to follow applicable rules and
		Condition Noted. All the member units will be
9.	Building material:	Condition Noted All the months and to 1911
	project site.	
	interval to control the dust emission within the	
	provided and same shall be used at regular	
	Further, water sprinkling system shall be	
	which will be entering the bus terminal.	
	be provided from buses and other vehicles,	
	adequate Air pollution Control measures shall	
		Condition noted. All the member units will
	light, air and ventilation.	
	movement of fresh air and passage of natural	
	distance between them to allow free	All the member units shall comply with.
	iv) The buildings should have adequate	Condition Noted.
	commissioning	
	regulative facility shall be meet before	
	norms. The traffic department shall be consulted and any cost effective traffic	
	be utilized. Parking plan to be as per DTCP	
	fully internalized and no public space should	
	project site shall be avoided. Parking shall be	
	points from the roads adjoining the proposed	
	iii) Traffic congestion near the entry and exit	Condition (voice).

	iii) Use of glass shall be reduced up to	All the member units shall comply with.
	40% to reduce the electricity consumption	
	and load on air conditioning. If necessary,	
	high quality double glass with special	
	reflecting coating shall be used in windows.	
10.	Storm Water Drainage:	
	i) Storm water management around the site	Storm water will be provided all along the
	and on site shall be established by following	internal road. All the member industries will
	the guidelines laid down by the storm water	be instructed to follow applicable rules and
	manual.	guidelines.
		Storm water photographs is enclosed as
		annexure -14
	ii) Storm water management plan shall be	Condition noted.
	obtained by engaging the services of Anna	
	University/IIT.	
11.	Energy Conservation Measures:	
	i) Roof should meet prescriptive requirement	All the member units will be instructed to follow
	as per Energy Conservation Building Code by	applicable rules and guidelines.
	using appropriate thermal insulation material,	
	to fulfill the requirement.	
		All of the control of
	ii) Opaque wall should meet prescribed	
	requirement as per Energy Conservation	applicable rules and guidelines.
	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	All the member units will be instructed to follow
	Building Code (ECBC) and National	applicable rules and guidelines.
	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	Condition noted. All the member units will be
	incorporated for illumination of common	advised to comply with.
	areas, lighting for gardens and street lighting.	LED lights photographs is enclosed as
	A hybrids system or fully solar system for a	annexure - 16
	portion of the apartments shall be provided.	
	v) A report on the energy conservation	The proposed project is an establishment of
	measures conforming to energy conservation	industrial park which involves provision of
	norms prescribed by the Bureau of Energy	roads, storm water drains, greenbelt, Power
	Efficiency shall be prepared incorporating	supply, water supply, etc. The member units
	details about building materials &	will be instructed to follow applicable rules and
	technology; R & U factors etc and	guidelines.
	submitted to the SEIAA in three month's	
	time.	
	vi) Energy conservation installation of	Condition will be complied. All the member
	CFLs/TFLs for lighting the areas outside the	units shall comply with.
	building should be integral part of the project	
	design and should be in place before project	
	commissioning.	
12.	Fire Safety:	
	i) Adequate fire protection equipments and	Condition noted and will be complied. All the
	rescue arrangements should be made as per	member units will be instructed to comply with.
	the prescribed standards.	
	ii) Proper and free approach road for fire-	Condition noted and will be complied. All the
	fighting vehicles up to the buildings and for	member units will be instructed to comply with
	rescue in the event of emergency shall be	
	made.	
13.	Green Belt Development:	

	i) The Project Proponent shall plant tree	Condition will be complied
		Condition will be complied.
	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 proponent has to earmark the	Condition will be complied. Greenbelt will be
	greenbelt area with dimension and GPS	developed as per the Layout Approval.
	coordinates for the green belt area all along	Greenbelt photograph is enclosed as annexure -
	the boundary of the project site with at least 3	15
	meter wide and the same shall be included	
	in the layout out plan to be submitted for	
	CMDA/ DTCP approval.	
	iii) The proponent shall develop the green	Condition noted. Overall greenbelt of
	belt as per the plan furnished and area	_
	earmarked for the greenbelt shall not be	
	alter at any point of time for any other	· · · ·
	1 1	annexure - 15
14.	Sewage Treatment Plant:	
	i) The Sewage Treatment Plant (STP)	SIPCOT did not propose STP. All the member
	installed should be certified by an	units will be instructed to comply with.
	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.	
	etc., for the treatment of sewage.	
	ii) The Proponent shall install STP as	SIPCOT did not propose STP. All the member
	furnished. Any alteration to satisfy the	units will be instructed to comply with.
	bathing quality shall be informed to SEIAA-	
1		
	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 and Effluent treatment plant to achieve the standards prescribed by the CPCB.	
	v) The project proponent has to ensure the complete recycling of treated sewage after achieving the standards prescribed by the CPCB	
	vi) The project proponent has to provide separate standby D.G set for the STP/GWTP for the continuous operation of the STP/GWTP in case of power failure.	All the member units will be instructed to comply with.
15.	Rain Water Harvesting:	
	i) The proponent 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, pretreatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc.	Condition noted. All the member units will be instructed to comply with.

	iii) The project proponent has to provide	Condition noted.
	rain water harvesting pits to recover and	All the member units will be instructed to
	reuse the rain water during normal rains as	comply with.
	reported.	
	i) The project activity should not cause any	Condition noted.
	disturbance & deterioration of the local bio	
	diversity.	
16.	Building Safety:	
	Lightning arrester shall be properly designed	All the member units will be instructed to
	and installed at top of the building and where	follow applicable rules and guidelines.
	ever 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 monthly compliance report (Half Yearly Compliance) to MoEF & CC Regional Office by the proponent. For the purpose of submitting Six-Monthly Compliance report, environmental monitoring was carried out at site by M/s. 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 matter (PM2.5), Sulphur dioxide, Oxides of Nitrogen (NO_X) 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-4.**

5.2 Ambient Noise Level Monitoring

Ambient noise level was monitored during the period of October 2024 to March 2025 and the test report of ambient noise recorded is attached as **Annexure - 4.**

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 collected is attached as **Annexure** -4.

5.4 Ground Water Quality Monitoring

The ground water samples were collected during the period of October 2024 to March 2025. The test report of ground water samples collected is attached as **Annexure -4.**

5.5 Surface Water Quality Monitoring

The surface water samples were collected during the period of October 2024 to March 2025. The test report of surface water samples collected is attached as **Annexure -4.**

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.

Dr. RAJKUMAR SAMUEL Director Technical

Name: Dr. Rajkumar Samuel

Designation: Director Technical

Company Name: Hubert Enviro Care

Systems Private Limited



Pro-Active and Responsive Facilitation by Interactive, Single-Window Hub



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

To,

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

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

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

Sir/Madam.

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/TN/MIS/67813/2020 dated 23 Sep 2021. The particulars of the environmental clearance granted to the project are as below.

1. EC22B039TN156655 EC Identification No.

2. File No. 7652/2020 3. **Project Type** New

4. Category **B1**

5. **Project/Activity including** 8(b) Townships and Area Development Schedule No. projects.

6. Name of Project Development of Industrial Park at Mambakkam Village in an area of 74.76

Ha (184.66 Acres)

STATE INDUSTRIES PROMOTION 7. Name of Company/Organization **CORPORATION OF TAMILNADU** LIMITED (SIPCOT)

8. **Location of Project** Tamil Nadu 9. **TOR Date** 23 Sep 2020

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

(e-signed) Thiru.Deepak S.Bilgi Member Secretary Date: 22/07/2022 SEIAA - (Tamil Nadu)



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

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THIRU.DEEPAK S.BILGI, I.F.S. MEMBER SECRETARY

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY-TAMILNADU

3rd Floor, Panagal Maaligai. No.1. Jeenis Road, Saidapet, Chennai - 600 015. Phone No. 044-24359973 Fax No. 044-24359975

ENVIRONMENTAL CLEARANCE (EC)

Letter No. SEIAA-TN/F.No;7652/EC/8(a)/852/2022 dated: 01.07.2022

Sir/Madam.

Sub: SEIAA, TN - Environmental Clearance - Proposed Development of Industrial Park at Mambakkam Village in an area of 74,76 Ha (184.66 Acres) at S.F. Nos. 119-1, 119-2A. 119-3A1A, 119-4, 119-5, 119-7A1, 119-8, 119-9, 119-10, 120-1, 120-2A1A, 120-2A2A, 120-2A3, 120-3, 120-4, 120-5, 121-1, 121-2, 121-3, 121-4, 121-5, 121-6A, 121-6B, 121-6C, 121-6D, 121-6E, 121-6F, 122-1, 122-2A, 122-2B, 122-2C, 122-3, 122-4A, 122-4B, 122-5, 123-1, 123-2, 123-3A, 123-3B, 123-4, 123-5A, 123-5B, 123-5C, 123-6, 123-7A, 123-7B, 123-8, 123-9, 123-10, 123-11, 123-12, 123-13, 123-14, 123-15, 123-16, 123-17. 123-18, 124-1, 124-2, 124-3A, 124-3B, 124-3C, 124-4, 124-5, 124-6, 124-7, 124-8, 124-9A, 124-9B, 124-10, 124-11, 124-12, 124-13, 124-14A, 124-14B, 124-15, 124-16, 124-17, 125-1A, 125-1B, 125-2, 125-3, 125-4, 125-5, 126-1, 126-2, 126-3, 126-4, 126-5, 126-6, 126-7, 126-8, 126-9, 126-10, 126-11A, 126-11B, 126-12, 127-1A1, 127-1A2, 127-1B, 127-2, 127-3, 127-4, 127-5, 127-6, 127-7, 127-8, 127-9, 127-10, 128-1, 128-2, 128-3, 128-4, 128-5, 128-6, 128-7, 128-8, 129-1, 129-2, 129-3, 129-4, 129-5, 129-6, 129-7, 129-8, 129-9A, 129-9B, 129-9C, 130, 132-1, 132-2A, 132-2B, 132-2C, 132-2D, 132-2E, 132-3, 132-6, 132-7A, 132-7B, 132-8, 132-9, 149-1, 149-2, 149-3A, 149-3B, 198-1, 198-2, 198-3, 198-4, 198-5, 198-6, 198-7A, 198-8A, 193-8B, 198-9, 198-10, 199-2, 199-4, 199-6, 200-1, 200-2B, 200-3, 200-4, 200-5, 200-6, 200-7, 200-8, 200-9, 200-10A, 200-10B, 200-11, 200-12, 200-13, 200-14, 200-15, 200-16, 201-1, 201-2, 201-3A, 201-3B, 201-3C, 201-3D, 201-4A, 201-4B, 201-5, 201-6, 201-9, 201-10, 201-11, 201-12, 201-13. 201-14A, 201-14B, 202-1A, 202-1B, 202-2A, 202-2B, 202-3A, 202-3B, 202-4, 202-5, 202-6A, 202-6B, 202-7, 202-8A, 202-8B, 202-9, 202-10, 202-11, 202-12A, 202-13, 202-14, 202-15, 202-16A, 202-16B, 202-17, 202-18, 204-1, 204-2, 204-3, 204-4, 204-5, 204-

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6, 204-7, 204-8, 204-9, 204-11, 204-12, 204-13A, 204-13B, 204-13C, 204-13D, 204-14, 204-15, 204-16A, 204-16B, 204-17, 205-1, 205-2, 205-3, 205-4, 205-5A, 205-5B, 205-6, 205-7, 205-8, 205-9, 205-10A, 205-10C, 206-1, 206-2, 206-3, 206-4, 206-5, 206-7, 206-8, 206-9, 206-11, 207-1, 207-2, 207-3, 207-4, 207-5, 207-6, 207-7, 207-8, 207-9A, 207-9B, 207-10, 207-11, 207-12, 207-13, 207-14, 208-1, 208-2, 208-3, 208-4, 208-6, 208-7, 208-8, 208-9, 208-10, 208-11, 203-12, 208-13, 208-14, 208-15, 208-16, 208-17, 208-18, 208-19, 208-20, 209-1, 209-2, 209-3, 209-4C, 209-4E, 209-5, 209-6, 209-7A, 209-7B, 210-1, 210-2, 210-3, 210-4, 210-5A, 210-5B, 210-5C, 210-5D, 210-6, 210-7A, 210-7B, 210-8, 210-9, 210-10, 211-1A, 211-iB, 211-2, 211-3A, 211-3B, 211-3C, 211-5A, 211-5B, 211-5C, 211-5D, 211-6, 211-7A, 211-7B, 211-7C, 211-7D, 211-7E, 211-7F, 211-8A, 211- 8B, 211-9A, 211-9B, 211-9C, 211-9D of Mambakkam Village Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu under Schedule B - 8(b)-Townships and Area Development Projects - for Environmental Clearance by M/s. State Industries Promotion Corporation of Tamilnadu Limited (SIPCOT) SIPCOT Limited Tamil Nadu under 8(b) Township And Area Development Projects as per the EIA Notification 2006 as Amended - Issued - Regarding.

Ref: 1. TOR vide Lr No. Lr No. SEIAA-TN/F.No. 7652/ SEAC/8(b)/ToR-766/2021 dated:23.09.2020

- Online Proposal No. SIA/TN/MIS/67213/2022, dated 23.09.2021
- 3. Your application for Environmental Clearance dated: 24.09.2021
- 4. Minutes of the 242nd meeting of SEAC held on 03.02.2022
- Minutes of the 485th meeting of Authority held on 15.02.2022
- Minutes of the 282nd meeting of SEAC held on 04.06.2022
- 7. Minutes of the 527th meeting of Authority held on 01.07.2022

This has reference to your application 2nd & 3rd cited, for the Proposed Development of Industrial Park by M/s. State Industries Promotion Corporation of Tamil Nadu Limited (SIPCOT) under 8(b) Township And Area Development Projects as per the EIA Notification 2006 as Amended.

The Competent Authority and Authorized Signatory furnished the detailed information in Form 1, Form 1A, Conceptual plan and liquidate enclosures are as Annexures:

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Annexure 1

S. No	Description	Details
1.	Name of the Project	State Industries Promotion Corporation of Tamilnadu Limited (SIPCOT SIPCOT Limited Tamil Nadu under SI. No 8 (b) of the Schedule.
2.	Location	119-1, 119-2A, 119-3A1A, 119-4, 119-5, 119-7A1, 119-8, 119-9, 119-10, 120 1, 120-2A1A, 120-2A2A, 120-2A3, 120-3, 120-4, 120-5, 121-1, 121-2, 121-3 121-4, 121-5, 121-6A, 121-6B, 121-6C, 121-6D, 121-6E, 121-6F, 122-1, 122 2A, 122-2B, 122-2C, 122-3, 122-4A, 122-4B, 122-5, 123-1, 123-2, 123-3A 123-3B, 123-4, 123-5A, 123-5B, 123-5C, 123-6, 123-7A, 123-7B, 123-8, 123-9 123-10, 123-11, 123-12, 123-13, 123-14, 123-15, 123-16, 123-17, 123-18, 124-1, 124-2, 124-3A, 124-3B, 124-3C, 124-4, 124-5, 124-6, 124-7, 124-8, 124-9A 124-9B, 124-10, 124-11, 124-12, 124-13, 124-14A, 124-14B, 124-15, 124-16 124-17, 125-1A, 125-1B, 125-2, 125-3, 125-4, 125-5, 126-1, 126-2, 126-3, 126-4, 126-5, 126-6, 126-7, 126-8, 126-9, 126-10, 126-11A, 126-11B, 126-12, 127-1A1, 127-1A2, 127-1B, 127-2, 127-3, 127-4, 127-5, 127-6, 127-7, 127-8, 127-9 127-10, 128-1, 128-2, 128-3, 128-4, 128-5, 128-6, 128-7, 128-8, 129-1, 129-2 129-3, 129-4, 129-5, 129-6, 129-7, 129-8, 129-9A, 129-9B, 129-9C, 130, 132-1 132-2A, 132-2B, 132-2C, 132-2D, 132-2E, 132-3, 132-6, 132-7A, 132-7B, 132-8, 132-9, 149-1, 149-2, 149-3A, 149-3B, 198-1, 198-2, 198-3, 198-4, 198-5 198-6, 198-7A, 198-8A, 193-8B, 198-9, 198-10, 199-2, 199-4, 199-6, 200-1 200-2B, 200-3, 200-4, 200-5, 200-6, 200-7, 200-8, 200-9, 200-10A, 200-10B 200-11, 200-12, 200-13, 200-14, 200-15, 200-16, 201-1, 201-2, 201-3A, 201-3B, 201-3C, 201-3D, 201-4A, 201-4B, 201-5, 201-6, 201-9, 201-10, 201-11 201-12, 201-13, 201-14A, 201-14B, 202-1A, 202-1B, 202-2A, 202-2B, 202-3A, 202-3B, 202-4, 202-5, 202-6A, 202-6B, 202-7, 202-8A, 202-8B, 202-9 202-10, 202-11, 202-12A, 202-13, 204-14, 204-15, 204-16A, 204-16B, 204-17, 205-1, 205-2, 205-3, 205-4, 205-5B, 205-6, 205-7, 205-8 8, 205-9, 205-10A, 205-10C, 206-1, 206-2, 206-3, 206-4, 206-5, 206-7, 206-8 8, 205-9, 205-10A, 205-10C, 206-1, 206-2, 206-3, 206-4, 206-5, 206-7, 206-8 8, 205-9, 205-10A, 205-10C, 206-1, 206-2, 206-3, 206-4, 206-5, 206-7, 206-8

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		206-9, 206-11, 207-1, 207-2, 207-3, 207-4, 207-5, 207-6, 207-7, 207-8, 207-9A, 207- 9B, 207-10, 207-11, 207-12, 207-13, 207-14, 208-1, 208-2, 208-3, 208-4, 208-6, 208-7, 208-8, 208-9, 208-10, 208-11, 208-12, 208-13, 208-14, 208-15, 208-16, 208-17, 208-18, 208-19, 208-20, 209-1, 209-2, 209-3, 209-4C, 209-4E, 208-16, 208-17, 208-18, 208-19, 208-20, 209-1, 209-2, 209-3, 209-4C, 209-4E, 208-20, 209-2, 209-2, 209-3, 209-4C, 209-4E, 208-20, 209-20, 209-20, 209-20, 209-4C, 209-4E, 208-20, 209-20, 209-20, 209-20, 209-20, 209-4C, 209-4E, 208-20, 209-20, 2
		209-5, 209-6, 209-7A, 209-7B, 210-1, 210-2, 210-3, 210-4, 210-5A, 210-5B 210-5C, 210-5D, 210-6, 210-7A, 210-7B, 210-8, 210-9, 210-10, 211-1A, 211- 1B, 211-2, 211-3A, 211-3B, 211-3C, 211-5A, 211-5B, 211-5C, 211-5D, 211-6
		211-7A, 211-7B, 211-7C, 211-7D, 211-7E, 211-7F, 211-8A, 211-8B, 211-9A 211-9B, 211-9C, 211-9D of Mambakkam Village Sriperumbudur Taluk Kancheepuram District, Tamil Nadu
3.	Type of Project	Townships and area development Projects Schedule 8 (b): >1,50,000 sq.

Total Area (in sq. m)

Total Plot area : 74.76 Ha (184.66 Acres)

Description	Acres	Ha
Plot area	125.52	50.81
Common amenities	3.46	1.41
Commercial activities	5.20	2.11
Solid Waste Management	1.50*	0.61
Road, Storm Water drain	13.75	5.57
OSR Area (10 m along periphery of site ar water body)	15.95	6.46
Greenbelt area	7.84**	3.17
Total Developable Area	173.22	70.14
HT line with 22m ROW	0.18	0.07
IOCL pipeline with 18 m ROW	5.89	2.38
Water Bodies	5.37	2.17

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Total Area of the Industrial Park

184.66

74.76

Total green belt proposed for the IP is 65.21 Acres (26.40 Ha) which is 37.65% of the developable area of 173.22 Acres (70.14 Ha)

5.	Brief description of the project	Industry sector	% of plotted area	Plot nos.	Area (Acres)	Area (Ha)	
		Electronics & Electrical Industries	100	1 to 24 -	125.52	50.81	
		100		1	125.52	50.81	
6.	Cost of Project	Rs.242 Crores			-		

7. a) Water requirement:

Total water requirement is expected to be 1637 KLD. Fresh water requirement is estimated at 168 KLD, CMWSSB TTRO water requirement is estimated to be 870 KLD. Balance 599 KLD of water will be met from recycling of treated wastewater.

Water Usage	Fresh water (KLD)	TTRO water (KLD)	Recycled water (KLD)	Total water(KLD)
Domestic	168	0	0	168
Flushing	0	84	0	84
HVAC	0	0	119	119
Process	0	97	245	342
Green belt development	0	689	235	924
Total	168	870	599	1637

b) Source

: Fresh water requirement will be met from Chembarambakkam Lake through

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^{*}Including E waste storage area

^{**} Greenbelt in 3m along road side - 2.77 acres and Additional 5.07 acres of Peripheral green belt apart from OSR area.

	MSW Organic waste	30	1512		SIPCOT shall mandate all the industries manage the Municipal Solid generated by the within their premises as per norms till the industries are allotted. Municipal Solid wastes shall be segregated by the segregated by the industries are allotted.		
	Component	Construction phase (Kg/day	Operation of the operat		Disposal Method		
9.	Solid Waste Generation and Management						
	Effluent fr individual industries	70m 368	368 reused		be treated by individual industries and if for process and utilities. ZLD will be ained by individual industries.		
	Sewage fr industries	om 235	235		be treated by individual industries and ed for flushing green belt development.		
8.	Waste Water management :						
			er pipeline reated wat		ambedu 45MLD (TTRO plant)		

7.5 MVA from TANGEDCO Power

1003

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Solid

individual industries as organic and inorganic

wastes. Organic wastes shall be composted by

individual industries and used for green belt

development. Inorganic wastes shall be sold to

SIPCOT shall earmarked 1.5 Acres of land for

establishment of Solid Waste Management

facility. SIPCOT shall provide land for the

Management facility on BOOT basis for all the

industries. Inorganic wastes shall be sent to

establishment of Municipal

TNPCB authorised recyclers.

INPCB authorized recyclers by the industries.

MSW

waste

Inorganic

20

	requirement							
11.	Manpower (Nos)	Construction phase: 100nos Operation phase: 5600nos						
12.	Details of Green Belt Area							
	Green belt break	up	Area (Acres)	Area (Ha)	Area (%)			
	OSR Area (10 m along periphery of site and water body)		15.95	6.46	9.2			
	33% green belt in industrial plots		41.42	16.77	23.91			
	Green belt 3 m along road side		2.77	1.12	1.59			
	Green belt along periphery apart from OSR		5.07	2.05	2.92			
	Total	Total		26.4	37.65			
13.	EMP Cost	1-01-01-01-01-01-01-01-01-01-01-01-01-01	Cost: Rs. 20.2La		- 4			
14.	CER cost	Rs. 5 crores as per SEAC minutes						

AFFIDAVIT

I, Tmt. E. Sundaravaili LA.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 proposed "Development of Industrial Park over an extent of 74.76 Ha (184.66 Acres) at S.F Nos. 119-1, 119-2A, 119-3A1A, 119-4, 119-5, 119-7A1, 119-8, 119-9, 119-10, 120-1, 120-2A1A, 120-2A2A, 120-2A3, 120-3, 120-4, 120-5, 121-1, 121-2, 121-3, 121-4, 121-5, 121-6A, 121-6B, 121-6C, 121-6D, 121-6E, 121-6F, 122-1, 122-2A, 122-2B, 122-2C, 122-3, 122-4A, 122-4B, 122-5, 123-1, 123-2, 123-3A, 123-3B, 123-4, 123-5A, 123-5B, 123-5C, 123-6, 123-7A, 123-7B, 123-8, 123-9, 123-10, 123-11, 123-12, 123-13, 123-14, 123-15, 123-16, 123-17, 123-18, 124-1, 124-2, 124-3A, 124-3B, 124-3C, 124-4, 124-5, 124-6, 124-7, 124-8, 124-9A, 124-9B, 124-10, 124-11, 124-12, 124-13, 124-14A, 124-14B, 124-15, 124-16, 124-17, 125-

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I. The total water requirement of the park is estimated at 1637 KLD (Fresh water:168 KLD, TTRO water:870 KLD and Recycled water:599 KLD). Fresh water requirement for the Industrial Park is proposed to be sourced from Chembarambakkam Lake and TTRO water from Koyambedu Tertiary Treatment Reverse Osmosis plant (TTRO) through Chennai Metropolitan Water Supply and Sewerage Board (CMWSSB).

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- II. Power Supply (7.5 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 along the road ensuring proper collection of storm water and the same will be used for charging the rain water harvesting structures. We affirm that the storm water drain would not carry any untreated (or) treated sewage.
- V. All member industries will be instructed to have their own solid waste and hazardous storage facility within their Plot. Inorganic waste will be sold to TNPCB authorized recyclers by member units. SIPCOT has earmarked 1.5 Acres of land for establishment of Solid Waste Management facility (including E waste shed).
- 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 with adequate capacity and maintain Zero Liquid Discharge (ZLD) system.
- VIII. Overall Greenbelt area of the park would be 26.4 Hz (i.e. 37.65% of developable area i.e., 70.14 Ha).
 - IX. The Tentative EMP cost of the park is INR 854 Lakhs. Details are given below:

SLNo	Project Components	Tentative Capital Cost (Rs. in lakhs)
1	Storm Water drains	395.00
2	Solar Street Lights	40.00
3	Green Belt Development	65.00

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	Total EMP Cost	854.00
8	Environmental Monitoring	0
7	E waste shed	269.00
6	Medical Dispensary	25.00
5	Solid Waste Management	25.00
4	Rain Water Harvesting 35.	

- X. As per Minutes of 282nd SEAC meeting, we commit to spend Rs.5 Crores towards CER activities before obtaining CTO from TNPCB. The following CER activities will be undertaken through the District Administration concerned:
 - · Creation of Environment website and creation of environmental centre in school,
 - · Revamping school building/ construction/ maintenance of school building.
 - · Construction of Girls toilet with 24/7 water facility,
 - · Providing sanitary napkin along with incinerator for the disposal (if applicable),
 - Tree plantation in consultation with respective Government School HM, located in Mambakkam village and other such CFR activities.

Declaration

I, Tmt. E. Sundaravalli, 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.

SEAC Recommendations;

Proposed Development of Industrial Park at Mambakkam Village in an area of 74.76 Ha (184.66 Acres) at S.F. Nos. 119-1, 119-2A, 119-3A1A, 119-4, 119-5, 119-7A1, 119-8, 119-9, 119-10, 120-1, 120-2A1A, 120-2A2A, 120-2A3, 120-3, 120-4, 120-5, 121-1, 121-2, 121-3, 121-4, 121-5, 121-6A, 121-6B, 121-6C, 121-6D, 121-6E, 121-6F, 122-1, 122-2A, 122-2B, 122-2C, 122-3, 122-4A, 122-4B, 122-5, 123-1, 123-2, 123-3A, 123-3B, 123-4, 123-5B, 123-5C, 123-6, 123-7A, 123-7B, 123-8, 123-9, 123-10, 123-11, 123-12, 123-13, 123-14, 123-15, 123-16, 123-17, 123-18, 124-1, 124-2, 124-3A, 124-3B, 124-3C, 124-4, 124-5, 124-6, 124-7, 124-8, 124-9A, 124-9B, 124-10, 124-11, 124-12, 124-13, 124-14A, 124-14B, 124-15, 124-16, 124-17, 125-1A, 125-1B, 125-2, 125-3, 125-4, 125-5, 126-1, 126-2, 126-3, 126-4, 126-5, 126-6, 126-7, 126-8, 126-9, 126-10, 126-11A, 126-11B, 126-12, 127-1A1, 127-1A2, 127-1B, 127-2, 127-3, 127-4, 127-5, 127-6, 127-7, 127-8, 127-9, 127-10, 128-1, 128-2, 128-3, 128-4, 128-5, 128-6, 128-7, 128-8, 129-1, 129-2, 129-3, 129-4, 129-5, 129-6, 129-7, 129-8, 129-9A, 129-9B, 129-9C, 130, 132-1, 132-2A, 132-2B, 132-3, 129-4, 129-5, 129-6, 129-7, 129-8, 129-9A, 129-9B, 129-9C, 130, 132-1, 132-2A, 132-2B, 132-14, 129-14, 129-15, 129-6, 129-7, 129-8, 129-9A, 129-9B, 129-9C, 130, 132-1, 132-2A, 132-2B, 132-14, 129-15, 129-15, 129-15, 129-6, 129-7, 129-8, 129-9A, 129-9B, 129-9C, 130, 132-1, 132-2A, 132-2B, 132-15, 129-4, 129-5, 129-6, 129-7, 129-8, 129-9A, 129-9B, 129-9C, 130, 132-1, 132-2A, 132-2B, 132-14, 129-15,

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The proposal was placed for appraisal in this 282nd SEAC meeting held on 4.6.2022. The details of the project furnished by the proponent are given in the website (parivesh. nic.in).

The SEAC noted the following:

The project proponent M/s. State Industries Promotion Corporation of Tamil Nadu Limited, has applied for seeking Environmental Clearance for the Proposed Development of Industrial Park over an extent of 74.76 Ha (184.66 Acres) at S.F. Nos. 119-1, 119-2A, 119-3A1A, 119-4, 119-5, 119-7A1, 119-8, 119-9, 119-10, 120-1, 120-2A1A, 120-2A2A, 120-2A3, 120-3, 120-4, 120-5, 121-1, 121-2, 121-3, 121-4, 121- 5, 121-6A, 121-6B, 121-6C, 121-6D, 121-6E, 121-6F, 122-1, 122-2A, 122-2B, 122-2C, 122-3, 122-4A, 122-4B, 122-5, 123-1, 123-2, 123-3A, 123-3B, 123-4, 123-5A, 123-5B, 123-5C, 123-6, 123-7A, 123-7B, 123-8, 123-9,

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 Earlier proponent has applied for ToR and the project was taken for appraisal during 168th SEAC meeting for ToR on 05/08/2020 and 397th SEIAA meeting held on 21/09/2020. The project was recommended for ToR as per the MoM of 397th meeting vide Letter No.

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- SEIAA-TN/F.No 7652/SEAC/8(b)/ToR-766/2020 dated.23/09/2020. ToR was obtained by the proponent vide Lr.No.SEIAA-TN/F.No.7652/SEAC/ 8(b)/ToR-766/2020 dated:23.09.2020.
- The proposed project is under schedule 8(b) category B1 as per the EIA Notification 2006
 and its amendments. Public Hearing is not applicable for the project. The same is mentioned
 in the ToR dated 23rd September, 2020.
- 4. As per ToR application the total land area was 87.51 Ha (216.14 Acres). Now during EIA stage, the area is reduced to 74.76 Ha (184.66 acres). The project area was reduced due to the deletion of 0.225 ha of Poramboke land (Salai at SF.No.120/2B) from GO (Ms) No.138 dated 08.07.2008 and also by deletion of 12.52 ha of additional lands due to administrative reasons. Accordingly, in the EIA report the land extent was considered as 74.76 ha (71.585 ha of patta land and 3.175 ha of poramboke land).
- On perusal of survey numbers mentioned in the ToR issued it was noticed that the following survey numbers 120/2B, 131/1, 216-1, 216-2, 216-3, 216-6, 216-7, 216-8, 216-9, 216-10, 216-11A, 216-11B, 216-12, 216-13, 216-14, 216-15, 217-1, 217-2, 217-3, 217-4, 217-5, 217-6, 217-7, 217-8, 217-9, 217-10, 217-11, 218-1 Pt, 218-2A, 218-2B Pt, 219-1 Pt, 219-2A Pt, 219-2B Pt, 219-15 Pt, 219-16, 219-17 Pt, 219-18 Pt, 219-19, 219-20, 221-2 Pt, 221-3, 211-4A, 221-4B, 221-5, 221-6 Pt, 221-7 Pt, 221-9, 222-4 Pt, 222-5, 222-6 Pt, 222-7, 222-8, 222-9, 222-11B Pt, 222-11C Pt, 222-11D Pt, 222-12A, 222-12B, 222-13A, 222-13B, 227-4 Pt, 227-5 Pt, 227-6 Pt, 227-7 Pt, 227-9Pt, 227-10, 227-11A, 227-11B, 228-4A, 228-4B, 228-5 were found to be removed and S.F.No.132/1 was added in the EC application.
- Now the proponent has applied for EC through online vide proposal No. SIA/TN/MIS/67813/2020 Dated: 23.09.2021 PP has submitted the compliance of the conditions stipulated in the Terms of Reference along with the EIA/EMP report with revised water balance and sewage quantity and solid wastes quantity.
- 7. As per the EIA Notification 2006 and its amendments the project is termed under Schedule 8 (b), Category B, since the area of Industrial Park is< 500 hectare and not housing any industry of Category A or B. As reported ,the Industrial Park is proposed to accommodate only Electronics/Electrical Industries which do not fall under the purview of EIA Notification 2006 and its subsequent amendments.

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- 8. 100% of the plotted area 125.52 Acres (50.81 Ha) is proposed to be allotted for Electronics & Electrical parts manufacturing and assembling industries falling under Red, Orange, Green & White category industries. Total number of plots proposed for the Industrial Park is 24.
- 9. As per the land documents, administrative sanction was accorded by the Government for the following:
 - (i) Acquisition of 38.54.0 hectares of patta dry lands and alienation of 2.02.5 hectares of poramboke lands (totaling 40.56.5 hectares) at Mambakkam Village Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu vide G.O. (Ms.) No.138 Industries (SIPCOT-LA) Department dated:08.07.2008.
 - (ii) Acquisition of 34.00.0 hectares of patta dry lands and alienation of 1.37.5 hectares of grazing ground poramboke and Vaikkal poramboke land (totaling 35.37.5 hectares) at Mambakkam Village Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu vide G.O. (Ms.) No.1 Industries (SIPCOT-LA) Department dated: 02.01.2009.
 - (iii) Acquisition of 9.06.5 hectares of dry land at Mambakkam Village Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu vide G.O. (Ms.) No.148 Industries (SIPCOT-LA) Department dated:07.12.2016.
 - (iv) PP has also furnished acknowledgment letter obtained from Special Tahsildar vide letter dated 07.11.2008 for reduction of 0.39.5 hectares of land from G.O. (Ms.) No.138 Industries (SIPCOT-LA) Department dated: 08.07.2008.
- The centre coordinates lies at Latitude; 12°55'30.69"N & Longitude: 79°53'52.66"E.
- 11. As per ToR application during Operation phase, Total water requirement was 2831 KLD. Fresh water requirement -200 KLD, TTRO water requirement - 1127.5 KLD and recycled water - 1503.5 KLD. The reduction in water requirement is due to reduction in 31.48 Acres of land for the project.
- 12. During operational phase, total water requirement is about 1637 kLD. Out of which, Fresh water requirement is 168 kLD, 870 kLD is TTRO water and 599 kLD is Recycled water. PP has furnished letter obtained from the Government vide G.O.(Ms) No. 134 dated 31.03.1997 for the fresh water supply of 5 million cubic feet per day from Chembarambakkam Lake. PP has also furnished letter obtained from CMWSSB vide letter dated 13.04,2020 for supply of 45 MLD TTRO water.

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- Effluent Generation 368 kLD, Sewage Generation 235 kLD. (Effluent Treatment Plant 450 kLD, Sewage Treatment Plant – 275 kLD)
- 14. The Treated Effluent (364 kLD) will be treated by individual industries and reused for Process and Utilities. The Treated Sewage (235 kLD) will be treated by individual industries and reused for Greenbelt Development. Further TTRO water (870 kLD) will be used for Greenbelt Development (689 kLD), Flushing (84 kLD) and Process (97 kLD).
- Greenbelt area 65.21 acres (26.40 Ha with 37.65% of developable area)
- 16. Government of Tamil Nadu has permitted SIPCOT to use OSR as Green Belt vide G.O. (Ms).No.157 Housing and Urban Development [UD4(3)] Department dated: 28.08.2017. Earlier, this proposal was placed before 242nd meeting of SEAC held on 03.02.2022, based on the presentation and documents furnished by the project proponent, SEAC decided to recommend the proposal for the grant of Environmental Clearance subject to the certain conditions as stated therein.

This proposal has placed before 485th SEIAA meeting held on 15.2.2022 and 500th SEIAA meeting held on 18.4.2022. Authority decided call for the following details from the PP.

- The project proponent shall furnish agreement between IOCL and SIPCOT to SEIAA before obtaining EC.
- The project proponent shall inform DISH about development of SIPCOT near gas pipeline and mock drill shall be conducted along with SIPCOT agency and report of the same shall be submitted to SEIAA before obtaining EC.
- Since gas pipeline is crossing, the project proponent shall submit NOC obtained from PESO to SEIAA before obtaining EC.
- The project proponent shall submit flood inundation certificate and shall fix the level according to the conditions issued in the certificate.
- As per the MoEF&CC Office Memorandum F.No. 22-65/2017 -[A.III 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.
- The project proponent shall furnish the details of Patta/ Govt.Land/other acquired taken over covering 184.66Ha proposed.

Based on the reply furnished by the PP, this subject has again been placed before 282nd SEAC

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meeting held on 4.6.2022. The PP has made the representation along with said details as sought by SEIAA. Based on the presentation & documents furnished by the PP, SEAC decided to recommend the proposal for the grant of Environmental Clearance, subject to the standard conditions & normal conditions stipulated by MOEF &CC, in addition to the following specific conditions.

- The project proponent shall continuously operate and maintain the Sewage treatment plant & Grey Water Treatment Plant to achieve the standards prescribed by the TNPCB/CPCB.
- 2. The project proponent shall inform DISH about development of SIPCOT near gas pipeline and mock drill shall be conducted along with SIPCOT agency and report of the same shall be submitted to SEIAA before obtaining CTO from TNPCB.
- 3. The project proponent shall submit flood inundation certificate and shall fix the level according to the conditions issued in the certificate.
- 4. The project proponent shall submit structural stability certificate from reputed institutions like IIT, Anna University etc. to TNPCB.
- The height of the stacks of DG sets shall be provided as per the CPCB norms.
- 6. 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.
- 7. The proponent shall make proper arrangements for the disposal of the treated water from the proposed site for Toilet flushing, green belt development & OSR and no treated water be let out of the premises.
- 8. 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.
- 9. The proponent shall provide the separate wall between the STP and OSR area as per the layout furnished and committed.
- 10. The purpose of Green belt around the project is to capture the fugitive emissions, carbon sequestration and to attenuate the noise generated, in addition to improving the aesthetics. A wide range of indigenous plant species should be planted as given in the appendix in consultation with the DFO. State Agriculture University and local school/college authorities. The plant species with dense/moderate canopy of native origin should be

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- chosen. Species of small/medium/tall trees alternating with shrubs should be planted in a mixed manner.
- 11. Taller/one year old Saplings raised in appropriate size of bags, preferably eco-friendly bags should be planted in proper espacement as per the advice of local forest authorities/botanist/Horticulturist with regard to site specific choices. 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.
- 12. 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.
- 13. The Proponent shall provide rain water harvesting sump of adequate capacity for collecting the runoff from rooftops, paved and unpaved roads as committed.
- 14. The project proponent shall obtain the necessary authorization from TNPCB and strictly follow the Hazardous & Other Westes (Management and Transboundary Movement) Rules, 2016, as amended for the generation of Hazardous waste within the premises.
- 15. No waste of any type to be disposed off in any other way other than the approved one.
- The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
- 17. 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.
- 18. 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.
- 19. 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.
- 20. 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.
- 21. As per the MoEF&CC Office Memorandum F.No. 22-65/2017-IA.III 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.\/

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SOURCE A

22. As accepted by the PP the revised CER cost of Rs.5 crore shall be spent with activities, particularly creation of Environmental Website and also creation of Environment centre in school, revamping School building/Construction/Maintenance of School building. construction of Girls toilet with 24/7 water facility, providing sanitary napkin along with Incinerator for the disposal (if applicable), tree plantation in consultation with concerned Government School HM located in Mambakkam Village before obtaining CTO from TNPCB.

Appendix -I List of Native Trees Suggested for Planting

No.	Scientific Name	Tamil Name	Tamil Name
1	Aegle manueles	Vilvam	sign) such
2	Adenaanthera pavenina	Manjadi	மர்சார். ஆசைக்குற்றிமனி
3	Afbizia labbeck	Vaagai	sytema.
4	Albizia amara	Und	a.f.s.
5	Baukinia purpuras	Mantharas	山市高り間は
6	Baultinia riscemena	Aaths	346
7	Baultinia fornentos	Iruvatni	Same#
8	Buchanania axillaria	Kathuma	ani. Surt
9	Borossus flabellifer	Panai	LAPAT
10	Вилла топоратта	Murukkamaram	MGE ERGR
11	Bohax ceibu	Bayu, Seyvilayu	3nn
12	Calophyllum inophyllum	Punnai	Labora
13	Cassia fistula	Sarakondrai	gradianamp
14	Cassia roxtrurghii	Sengondrai	GatiGatidang
15	Chloroxylon sweitenia	Purasamaram	USA WIN
16	Cochlospermum religiounn	Kongu, Manjaillavu	கோங்கு, மஞ்சள் இலவு
17	Cordia dichotoma	Narweshi	534Hf.
18	Creteon adamsons	Mayalingum	anderway.
19	Dillonia indica	Uwo Czha	8_#1
20	Dittenia pentagyna	SiruUva, Sitruuha	#21 0_#T
21	Dioapyro settemun	Karungali	against 6
22	Dioopyro schloroxylon	Vaganai	Set 6 do lette
23	Ficus amplissina	Kalfichi	an heat
24	Hibiscus tiliaceou	Aatrupoovaranu	-PERIODICA HIND IN
25	Hardwickia binata	Aacha	242.01
26	Holoptelia interrifelia	Aavile	न्यूया काक न्यूयीकी
27	Lannea coromandelica	Odhiam	ழ்∉யம்
28	Lagerstraemia speciosa	Poo Marudhu	U MON
29	Leprisanthus tetrophylla	Neikottaimaram.	Spin Gentliebt, upp
30	Limoron acidissima	Vita maram	स्थिकार व्यक्तक
31	Litson glutimos	Pininpattai	அரம்பா. புசின்பட்டை
32	Madhuca lengifolia	Ширры	Signiumu
33	Manilkara hexandra	Clakkai! aalai	a_K&M& UTMK
34	Minusops elengi	Magizhamaram	மகிழமரம்
35	Mitragyna parvifolia	Kadambu	andt.
36	Morinda pubescene	Nisna	214131
37	Morinda citrifolia	Vettas Nuna	Government agents
38	Phoenix sylvestra	Eachai	*##10918
39	Pongamia pinnat	Pungam.	special.



Pervarasu:

valsura

Veppalai Kodukkapuli

SEIAA Recommendations:

Thespesia populnea

Walsuratri foliata

Wrightia tinctoria

Pithocellobrum dulce

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59

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The proposal was placed in the 527th Authority meeting held on 01.07.2022. The Authority after detailed discussions 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:

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- 1. The project proponent shall in-house only non EIA attracting industries alone (Electronics & Electrical parts manufacturing and assembling industries falling under Red, Orange, Green & White category industries) as per EIA notification as amended for the proposed 24 nos, of plots.
- 2. The project proponent shall start establishment only after complete alienation of Patta lands, Govt. Poramboke lands & water bodies within the proposed site in concurrence with the competent authority before obtaining consent from TNPCB.

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- 3. The project proponent shall obtain necessary permission for water bodies within/around the proposed site from the Competent Authority before obtaining CTE from TNPCB.
- 4. The project proponent (SIPCOT) shall ensure that IOCL pipeline within the proposed project site shall not be disturb at any time and the SIPCOT shall provide & maintain adequate safety distance at all times as per recommendation of competent authority. Also, the proponent shall ensure that prior intimation from the IOCL & competent authorities are obtained every time for carrying out any development activities /maintenance activities around the said IOCL Pipeline within/around the proposed project site and such development activities /maintenance activities shall be carried out under the supervision of IOCL & competent authorities.
- The project proponent (SIPCOT) shall earmark in & around the IOCL pipeline area & HT line area within/around the project site & declare the said area as non- development area prohibited area for any form of public access including parking of any type vehicles as a safety precautionary measure.
- 6. The project proponent shall obtain and maintain valid permission all time for supply of fresh water as committed.
- 7. The project proponent shall ensure that non EIA attracting Industries to be in-housed shall treat the effluent generated by providing adequate individual ZLD followed by reject management system and shall reuse the treated effluent for the process activity.
- 8. The project proponent shall ensure that non EIA attracting Industries to be in-housed shall treat the Sewage generated by providing adequate individual STP and shall reuse the treated sewage for the toilet flushing & green belt/gardening as committed.
- 9. The project proponent shall ensure that non EIA attracting Industries to be in-housed shall provide adequate elevated closed area earmarked for collection, segregation, storage & disposal of wastes generated within the premises as per provisions of Solid Waste Management Rules, 2016, E-Waste (Management) Rules, 2016, Plastic Waste Management Rules, 2016 as amended, Bio-Medical Waste Management Rules, 2016 as amended, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 as amended, Construction and Demolition Waste Management Rules, 2016, & Batteries (Management and Handling) Rules, 2001.

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- 10. The project proponent shall ensure that non EIA attracting Industries to be in-housed shall provide elevated STP/ETP of adequate capacity & its utilities above the ground level with adequate height considering highest rainfall & flood level /inundation point of view as recommended by the competent authority for the proposed project site.
- 11. The project proponent shall ensure that the industries to be in-housed shall adhere that no treated or untreated trade effluent/sewage is discharged outside the premises under any circumstances.
- 12. The project proponent and the non EIA attracting Industries to be in-housed shall provide & ensure that the utilities/ arrangements for fresh water supply, Storm/rain water management, and for reuse of treated sewage/effluent as proposed.
- 13. The project proponent shall provide & maintain adequate storm water management & rain water harvesting structures as committed for the project site.
- 14. The project proponent shall obtain necessary permission for disposal of excess storm water from the competent authority before obtaining CTO.
- 15. The project proponent shall ensure that industries to be in-housed shall operate and maintain the proposed STP / ETP efficiently and continuously to bring the quality of treated sewage/effluent to satisfy the discharge standards prescribed by the CPCB at all times.
- 16. The proponent & the Industries to be in-housed shall periodically conduct and submit fire safety study, emergency evacuation plan, risk assessment study, occupational health safety study for the worst case scenario in regard to existing safety measures/standard operating procedures adopted for the process/ equipment/utilities for operation & maintenance and the storage areas of products, raw materials, solvent, fuel, etc. in the different operating zones of the plant at least once in a year to regularly identify safety fragile areas within the plant which requires regular monitoring and the proponent shall submit the same along with timeline for implementation of the said recommendations to the concerned departments.
- 17. The recommendation for the issue of Environmental Clearance is subject to outcome of Hon'ble High Court of Madras in W.P Nos. 20763/2017 & 27850/2019.
- 18. The project proponent & the Industries to be in-housed shall ensure buildings constructed are energy efficient and conform to the green building norms.

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- 19. The project proponent shall ensure Industries to be in-housed shall adhere to provide adequate parking space for visitors of all inmates including clean traffic plan as committed.
- 20. The project proponent shall adhere to the approval obtained for the source of fresh water supply from the competent Authority.
- 21. The proponent & the Industries to be in-housed shall strictly adhere to all biosafety standards, hygienic standards and safety norms of working staff and patients to be strictly from time to time as guidance of competent authority.
- 22. The proponent & the Industries to be in-housed shall strictly adhere to the disaster management and disaster mitigation measures/standards to avoid any calamities.
- 23. The proponent & the Industries to be in-housed shall strictly adhere to the EIA/EMP and disaster management plan.
- 24. The activities should in no way cause emission and build-up Green House Gases. All actions to be eco friendly and support sustainable management of the natural resources within and outside the campus premises.
- 25. The proponent should strictly comply with, Tamil Nadu Government order regarding ban on one time use and throwaway plastics irrespective of thickness with effect from 01.01.2019 under Environment (Protection) Act, 1986.
- 26. The proponent & the Industries to be in-housed shall ensure proper arrangement & utilization of recycled water.
- 27. The proponent & the Industries to be in-housed shall ensure that all trees & biodiversity listed in EIA report to be protected within the premises.
- 28. The proponent & the Industries to be in-housed shall ensure that the buildings should not cause any damage to water environment, air quality and should be carbon neutral building.
- 29. All the Buildings shall be energy efficient and confirm to the green building norms.
- 30. The proponent & the Industries to be in-housed shall ensure almost safety for the existing biodiversity, trees, flora & fauna shall not disturb under any circumstances.
- The proponent & the Industries to be in-housed shall ensure that the all activities of EMP shall be completed before obtaining CTO from TNPCB.
- 32. The proponent & the Industries to be in-housed shall ensure that the activities undertaken should not result in carbon emission, and temperature rise, in the area.

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- 33. The proponent & the Industries to be in-housed shall ensure that the buildings and activities should not result in Environmental damages, nor result in temperature rise.
- 34. The proponent & the Industries to be in-housed shall provide and ensure the green belt plan is implemented as indicated in EMP. Also, the proponent shall explore possibilities to provide sufficient grass lawns.
- 35. The proponent & the Industries to be in-housed shall ensure to provide the emergency exit in the buildings.
- 36. The proponent & the Industries to be in-housed shall ensure to provide elevator as per rules CMDA/DTCP.
- 37. The proponent & the Industries to be in-housed shall ensure to provide adequate capacity of DG set (standby) for the proposed STP so as ensure continues and efficient operation.
- 38. The proponent & the Industries to be in-housed shall adhere to the provision and norms regard to fire safety prescribed by competent authority.
- 39. The project proponent & the Industries to be in-housed shall adhere to storm water management plan as committed...

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:

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- 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, ETP, Solid Waste Management facility, E-waste management facility, DG sets, etc., should be made in the earmarked area only. In any case, the location of these utilities should not be changed later on.
- The Environmental safeguards contained in the application of the proponent /mentioned during the presentation before the State Level Environment Impact Assessment Authority / State Level Expert Appraisal Committee should be implemented in the letter and spirit.
- 4. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives. Fire and Rescue Services Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wild Life (Protection) Act, 1972, State / Central Ground Water Authority, Coastal Regulatory Zone Authority, other statutory and other authorities as applicable to the project shall be obtained by project proponent from the concerned competent authorities.
- The SEIAA reserves the right to add additional safeguard measures subsequently, if noncompliance 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.

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- "Consent for Establishment" shall be obtained from the Tamil Nadu Pollution Control Board and a copy shall be submitted to the SEIAA, Tamil Nadu.
- 10. In the case of any change(s) in the scope of the project, a fresh appraisal by the SEAC/SEIAA shall be obtained before implementation.
- 11. The conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Public Liability Insurance Act, 1991, along with their amendments ,draft Minor Mineral Conservation & Development Rules , 2010 framed under MMDR Act 1957, National Commission for protection of Child Right Rules ,2006 and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/Hon'ble High Court of Madras and any other Courts of Law, including the Hon'ble National Green Tribunal relating to the subject matter.
- 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, PM_{2.5}, SO₂, NO_x (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

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- 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 setup under the control of a Senior Executive who will report directly to the Head of the Organization and the shortfall shall be strictly reviewed and addressed.
- 21. The EMP cost shall be deposited in a nationalized bank by opening separate account and the head wise expenses statement shall be submitted to TNPCB with a copy to SEIAA annually.
- 22. The Project Proponent has to provide rain water harvesting pits to recover and reuse the rain water during normal rains as reported.
- 23. The project activity should not cause any disturbance & deterioration of the local bio diversity.
- 24. 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.
- All the assessed flora & fauna should be conserved and protected.
- 26. 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.
- 27. Necessary permission shall be obtained from the competent authority for the drawl / outsourcing of fresh water before obtaining consent from TNPCB.
- 28. The proponent shall appoint an Environmental Engineer with necessary qualification for

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the operation and maintenance of STP (Sewage Treatment Plant) and GWTP (grey water Treatment Plant)

- The Proponent shall provide the dispenser for the disposal of Sanitary Napkins.
- 30. All the mitigation measures committed by the proponent for the flood management, Solid waste disposal, Sewage treatment & disposal etc., shall be followed strictly.
- 31. No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.
- Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.
- 33. The safety measures proposed in the report should be strictly followed.

Part - B - Specific Conditions - Pre construction phase:

- I. 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 firefighting 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.
- 6. Design of buildings should be in conformity with the Seismic Zone Classifications.

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- 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 entry of basement shall be above maximum flood level.
- 13. The proponent shall prepare completion plans showing Separate pipelines marked with different colours with the following details
 - i. Location of STP, compost system, underground sewer line.
 - ii. Pipe Line conveying the treated effluent for green belt development.
 - iii. Pipe Line conveying the treated effluent for toilet flushing
 - iv. Water supply pipeline
 - v. Gas supply pipe line, if proposed
 - vi. Telephone cable
 - vii. Power cable
 - viii. 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.
- 16. The green belt area shall be planted with indigenous native trees.
- 17. Natural vegetation listed particularly the trees shall not be removed during the construction/operation phase. In case any trees are likely to be disturbed, shall be replanted.

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- 18. During the construction and operation phase, there should be no disturbance to the aquatic eco-system within and outside the area.
- 19. The Provisions of Forest conservation Act 1980, Wild Life Protection Act 1972 & Bio diversity Act 2002 should not be violated.
- There should be Firefighting plan and all required safety plan.
- 21. Regular fire drills should be held to create awareness among owners/ residents.

Part - C - Specific Conditions - Construction phase:

1. Construction Schedule:

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

2. Labour Welfare:

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

3. Water Supply:

- i) The entire water requirement during construction phase may be met from private tankers
- 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

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- dispersion trench after treatment through septic tank. The MSW generated shall be disposed through Local Body and the identified dumpsite only.
- iv) Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices prevalent.
- v) Fixtures for showers, toilet flushing and drinking water should be of low flow type by adopting the use of aerators / pressure reducing 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 co-composted with biodegradables.
- ii) 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.
- iii) Domestic solid wastes to be regularly collected in bins or waste handling receptacles and disposed as per the solid waste management rules 2016.
- iv) No waste of any type to be disposed of in any watercourse including drains, canals and the surrounding environment.
- v) E-waste shall be disposed through Authorized vendor as per E-waste (Management and Handling) Rules, 2016 and subsequent amendment.

5. Top Soil Management:

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

6. Construction Debris disposal:

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

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must be secured so that they should not leach into the adjacent land/ lake/ stream etc.

7. Diesel Generator sets:

- i) Low Sulphur Diesel shall be used for operating diesel generator sets to be used during construction phase. The air and noise emission shall conform to the standards prescribed in the Rules under the Environment (Protection) Act, 1986, and the Rules framed thereon.
- ii) The diesel required for operating stand by DG sets shall be stored in barrels 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 CMDA 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.
- v) The project proponent should ensure that adequate Air Pollution Control measures shall be provided from buses and other vehicles, which will be entering the bus terminal. Further, water sprinkling system shall be provided and same shall be used at regular interval to control the dust emission within the project site.

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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.

MEMBER SECRETARY SEIAA-TN

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EC Identification No. - EC22B039TN156655 File No. - 7652/2020 Date of Issue EC - 22/07/2022

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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 proponent has to earmark the greenbelt area with dimension and GPS coordinates for the green belt area all along the boundary of the project site with at least 3 meter wide and the same shall be included in the layout out plan to be submitted for CMDA/DTCP approval.
- 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.

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 and Effluent treatment plant effectively to meet out the standards prescribed by the CPCB.

MEMBER SECRETARY SEIAA-TN

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

15. Rain Water Harvesting:

- i) The proponent 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.
- Rain water harvesting for surface run-off, as per plan submitted should be implemented. Before recharging the surface run off, pre-treatment with screens, settlers etc. must be done to remove suspended matter, oil and grease, etc.
- iii) The Project Proponent has to provide rain water harvesting pits to recover and reuse the rain water during normal rains as reported.
- 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 Firefighting plan and all required safety plan.
- 2. Regular fire drills should be held to create awareness among owners/ residents.
- 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.
- The building should not spoil the green views and aesthetics of surroundings and should provide enough clean air space.
- 5. Solar energy saving shall be increased to atleast10% of total energy utilization.

MEMBER SECRETARY SEIAA-TN

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- The Project proponent has to spend the CER as committed in the affidavit. The above activity shall be carried out before obtaining CTO from TNPCB.
- 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 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.
- The Project proponent shall get due permission from the wetland Authority before the commencement of the work, if applicable.
- 10. The Project proponent should discuss with the wet land Authority, Tamil Nadu Forest Department, PWD and support lake restoration cum improvement, awareness and conservation programs.
- 11. The project activities should in no way disturb the manmade structures.
- 12. 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.
- 13. "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.
- 14. Raw water quality to be checked for portability and if necessary RO plant shall be provided.
- 15. 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.

MEMBER SECRETARY SEIAA-TN

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- 16. The ground water level and its quality should be monitored and recorded regularly in consultation with Ground Water Authority.
- 17. 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.
- 18. The Proponent shall operate STP continuously by providing stand by DG set in case of power failure.
- 19. It is the sole responsibility of the proponent that the treated sewage water disposed for green belt development/ avenue plantation should not pollute the soil/ ground water/ adjacent canals/ lakes/ ponds, etc
- 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 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.

MEMBER SECRETARY SEIAA-TN

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- 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.
- 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.
- 29. The Environmental Clearance is issued based on the documents furnished by the project proponent. In case any documents found to be incorrect/not in order at a later date the Environmental Clearance issued to the project will be deemed to be revoked/ cancelled.

MEMBER SECRETARY

Copy to:

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



TAMILNADU POLLUTION CONTROL BOARD

Category of the Industry:

RED

CONSENT ORDER NO. 2201248057277

DATED: 28/12/2022

ாகக்கிரக் **திருநாள்** அமுதர் பெருக்ரிய



PROCEEDINGS NO.T4/TNPCB/F.3099SPR/RL/SPR/A/2022 DATED: 28/12/2022

SUB: TNPC Board-Consent for Establishment-M/s. SIPCOT INDUSTRIAL PARK AT MAMBAKKAM, S.F. No. SF No. S 119-1, 119-2A, 119-3A1A, 119-4, 119-5, 119-7A1, 119-8, 119-9, 119-10, 120-1, 120-2A1A, 120-2A2A, 120-2A3, 120-3, 120-4, 120-5, 121-1, 121-2, 121-3, 121-4, 121-5, 121-6A, 121-6B, 121-6C, 121-6D, 121-6F, 121-6F, 122-1, 122-2A, 122-2B, 122-2C, 122-3, 122-4A, 122-4B, 122-5, 123-1, 123-2, 123-3A, 123-3B, 123-4, 123-5A, 123-5B, 123-5C, 123-6, 123-17A, 123-7B, 123-8, 123-9, 123-10, 123-11, 123-12, 123-13, 123-14, 123-15, 123-16, 123-17, 123-18, 124-1, 124-1, 124-13, 124-13, 124-14A, 124-14B, 124-15, 124-16, 124-17, 124-8, 124-9A, 124-9B, 124-10, 124-11, 124-12, 124-13, 124-14A, 124-14B, 124-15, 124-16, 124-17, 125-1A, 125-1B, 125-2, 125-3, 125-4, 125-5, 126-1, 126-2, 126-3, 126-4, 126-5, 126-6, 126-7, 126-8, 126-9, 126-10, 126-11A, 126-11B, 126-12, 127-1A1, 127-1A2, 127-1B, 127-2, 127-3, 127-4, 127-5, 127-6, 127-7, 127-8, 127-9, 127-10, 128-1, 128-2, 128-3, 128-4, 128-5, 128-6, 128-7, 128-8, 129-1, 129-2, 129-3, 129-4, 129-5, 129-6, 129-7, 129-8, 129-9A, 129-9B, 129-9C, 130, 132-1, 132-2A, 132-2B, 132-2C, 132-2D, 132-2E, 132-3, 132-6, 132-7A, 132-7B, 132-8, 132-9, 149-1, 149-2, 149-3A, 149-3B, 198-1, 198-2, 198-3, 198-4, 198-5, 198-6, 198-7A, 198-8A, 198-8B, 198-9, 198-10, 199-2, 199-4, 199-6, 200-1, 200-2B, 200-3, 200-4, 200-5, 200-6, 200-7, 200-8, 200-9, 200-10A, 200-10B, 200-11, 200-12, 200-13, 200-14, 200-15, 200-16, 201-1, 201-12, 201-13, 201-14A, 201-14B, 201-15, 201-6, 201-9, 201-10, 201-11, 201-12, 201-13, 201-14A, 201-14B, 201-15, 204-16A, 202-1B, 202-2A, 202-2B, 202-3A, 202-3B, 202-4, 202-5, 202-6A, 202-6B, 202-7, 202-8A, 202-8B, 202-9, 202-10, 202-11, 202-12A, 202-13, 202-14, 202-15, 202-16A, 202-16B, 202-17, 202-18, 204-1, 204-2, 204-3, 204-4, 204-5, 204-6, 204-7, 204-8, 204-17, 205-1, 205-3, 205-4, 205-5B, 205-6, 205-7, 205-8, 205-9, 205-10A, 205-10C, 206-1, 206-2, 206-3, 206-4, 206-5, 206-7, 206-8, 206-9, 206-11, 207-1, 207-12, 207-13, 207-14, 208-15, 208-16, 208-17, 208-18, 208-19, 208-10, 208-11, 208-1

REF: 1. Unit's application for CTE on 27,09,2022/03.12.2022

IR.No: F.3099SPR/RL/AEE/SPR/2022 dated 21/11/2022

3. Minutes of TSC Resolution No. 208-02 dated 22.12.2022

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

The Managing Director,

M/s . SIPCOT INDUSTRIAL PARK AT MAMBAKKAM

S.F No.SF No.s 119-1, 119-2A, 119-3A1A, 119-4, 119-5, 119-7A1, 119-8, 119-9, 119-10, 120-1, 120-2A1A, 120-2A2A, 120-2A3, 120-3, 120-4, 120-5, 121-1, 121-2, 121-3, 121-4, 121-5, 121-6A, 121-6B, 121-6C, 121-6D, 121-6E, 121-6F, 122-1, 122-2A, 122-2B, 122-2C, 122-3, 122-4A, 122-4B, 122-5, 123-1, 123-2, 123-3A, 123-3B, 123-4, 123-5A, 123-5B, 123-5C, 123-6, 123-7A, 123-7B, 123-8, 123-9, 123-10, 123-11, 123-12, 123-13, 123-14, 123-15, 123-16, 123-17, 123-18, 124-1, 124-2, 124-3A, 124-18,



3B, 124-3C, 124-4, 124-5, 124 TAMILNADU POLLUTION, CONTROL BOARD 14A, 124-14B, 124-15, 124-16, 124-17, 125-1A, 125-1B, 125-2, 125-3, 125-4, 125-5, 126-1, 126-2, 126-3, 126-4, 126-5, 126-6, 126-7, 126-8, 126-9, 126-10, 11A, 126-11B, 126-12, 127-1A1, 127-1A2, 127-1B, 127-2, 127-3, 127-4, 127-5, 127-6, 127-7, 127-8, 127-9, 127-10, 128-1, 128-2, 128-3, 128-4, 128-5, 128-6, 128-7, 128-8, 129-1, 129-2, 129-3, 129-4, 129-5, 129-6, 129-7, 129-8, 129-9A, 129-9B, 129-9C, 130, 132-1, 132-2A, 132-2B, 132-2C, 132-2D, 132-2E, 132-3, 132-6, 132-7A, 132-7B, 132-8, 132-9, 149-1, 149-2, 149-3A, 149-3B, 198-1, 198-2, 198-3, 198-4, 198-5, 198-6, 198-7A, 198-8A, 198-8B, 198-9, 198-10, 199-2, 199-4, 199-6, 200-1, 200-2B, 200-3, 200-4, 200-5, 200-6, 200-7, 200-8, 200-9, 200-10A, 200-10B, 200-11, 200-12, 200-13, 200-14, 200-15, 200-16, 201-1, 201-2, 201-3A, 201-3B, 201-3C, 201-3D, 201-4A, 201-4B, 201-5, 201-6, 201-9, 201-10, 201-11, 201-12, 201-13, 201-14A, 201-14B, 202-1A, 202-1B, 202-2A, 202-2B, 202-3A, 202-3B, 202-4, 202-5, 202-6A, 202-6B, 202-7, 202-8A, 202-8B, 202-9, 202-10, 202-11, 202-12A, 202-13. 202-14, 202-15, 202-16A, 202-16B, 202-17, 202-18, 204-1, 204-2, 204-3, 204-4, 204-5, 204-6, 204-7, 204-8, 204-9, 204-11, 204-12, 204-13A, 204-13B, 204-13C, 204-13D, 204-14, 204-15, 204-16A, 204-16B, 204-17, 205-1, 205-2, 205-3, 205-4, 205-5A, 205-5B, 205-6, 205-7, 205-8, 205-9, 205-10A, 205-10C, 206-1, 206-2, 206-3, 206-4, 206-5, 206-7, 206-8, 206-9, 206-11, 207-1, 207-2, 207-3, 207-4, 207-5, 207-6, 207-7, 207-8, 207-9A, 207-9B, 207-10, 207-11, 207-12, 207-13, 207-14, 208-1, 208-2, 208-3, 208-4, 208-6, 208-7, 208-8, 208-9, 208-10, 208-11, 208-12, 208-13, 208-14, 208-15, 208-16, 208-17, 208-18, 208-19, 208-20, 209-1, 209-2, 209-3, 209-4C, 209-4E, 209-5, 209-6, 209-7A, 209-7B, 210-1, 210-2, 210-3, 210-4, 210-5A, 210-5B, 210-5C, 210-5D, 210-6, 210-7A, 210-7B, 210-8.210-9, 210-10, 211-1A, 211-1B, 211-2, 211-3A, 211-3B, 211-3C, 211-5A, 211-5B, 211-5C, 211-5D, 211-6, 211-7A, 211-7B, 211-7C, 211-7D, 211-7E, 211-7F, 211-8A, 211-8B, 211-9B, 211-9C, 211-9D at Mambakkam Village, Sriperumbudur Taluk, Kancheepurum District,

MAMBAKKAM Village,

Sriperumbudur Taluk,

Kancheepuram District.

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

S.F.No. SF No. 8 119-1, 119-2A, 119-3A1A, 119-4, 119-5, 119-7A1, 119-8, 119-9, 119-10, 120-1, 120-2A1A, 120-2A2A, 120-2A3, 120-3, 120-4, 120-5, 121-1, 121-2, 121-3, 121-4, 121-5, 121-6A, 121-6B, 121-6C, 121-6D, 121-6E, 121-6F, 122-1, 122-2A, 122-2B, 122-2C, 122-3, 122-4A, 122-4B, 122-5, 123-1, 123-2, 123-3A, 123-3B, 123-4, 123-5A, 123-5B, 123-5C, 123-6, 123-7A, 123-7B, 123-8, 123-9, 123-10, 123-11, 123-12, 123-13, 123-14, 123-15, 123-16, 123-17, 123-18, 124-1, 124-2, 124-3A, 124-3B, 124-3C, 124-4, 124-5, 124-6, 124-7, 124-8, 124-9A, 124-9B, 124-10, 124-11, 124-12, 124-13, 124-14A, 124-14B, 124-15, 124-16, 124-17, 125-1A, 125-1B, 125-2, 125-3, 125-4, 125-5, 126-1, 126-2, 126-3, 126-4, 126-5, 126-6, 126-7, 126-8, 126-9, 126-10, 126-11A, 126-11B, 126-12, 127-1A1, 127-1A2, 127-1B, 127-2, 127-3, 127-4, 127-5, 127-6, 127-7, 127-8, 127-9, 127-10, 128-1, 128-2, 128-3, 128-4, 128-5, 128-6, 128-7, 128-8, 129-1, 129-2, 129-3, 129-4, 129-5, 129-6, 129-7, 129-8, 129-9A, 129-9B, 129-9C, 130, 132-1, 132-2A, 132-2B, 132-2C, 132-2D, 132-2E, 132-3, 132-6, 132-7A, 132-7B, 132-8, 132-9, 149-1, 149-2, 149-3A, 149-3B, 198-1, 198-2, 198-3, 198-4, 198-5, 198-6, 198-7A, 198-8A, 198-8B, 198-9, 198-10, 199-2, 199-4, 199-6, 200-1, 200-2B, 200-3, 200-4, 200-5, 200-6, 200-7, 200-8, 200-9, 200-10A, 200-10B, 200-11, 200-12, 200-13, 200-14, 200-15, 200-16, 201-1, 201-2, 201-3A, 201-3B, 201-3C, 201-3D, 201-4A, 201-4B, 201-5, 201-6, 201-9, 201-10, 201-11, 201-12, 201-13, 201-14A, 201-14B, 202-1A, 202-1B. 202-2A, 202-2B, 202-3A, 202-3B, 202-4, 202-5, 202-6A, 202-6B, 202-7, 202-8A, 202-8B, 202-9, 202-10, 202-11, 202-12A, 202-13, 202-14, 202-15, 202-16A, 202-16B, 202-17, 202-18, 204-1, 204-2, 204-3, 204-4, 204-5, 204-6, 204-7, 204-8, 204-9, 204-11, 204-12, 204-13A, 204-13B, 204-13C, 204-13D, 204-14, 204-15, 204-16A, 204-16B, 204-17, 205-1, 205-2, 205-3, 205-4, 205-5A, 205-5B, 205-6, 205-7, 205-8, 205-9, 205-10A, 205-10C, 206-1, 206-2, 206-3, 206-4, 206-5, 206-7, 206-8, 206-9, 206-11, 207-1, 207-2, 207-3, 207-4, 207-5, 207-6, 207-7, 207-8, 207-9A, 207-9B, 207-10, 207-11, 207-12, 207-13, 207-14, 208-1, 208-2, 208-3, 208-4, 208-6, 208-7, 208-8, 208-9, 208-10, 208-11, 208-12, 208-13, 208-14, 208-15, 208-16, 208-17, 208-18, 208-19, 208-20, 209-1, 209-2, 209-3, 209-4C, 209-4E, 209-5, 209-6, 209-7A, 209-7B, 210-1, 210-2, 210-3, 210-4, 210-5A, 210-5B, 210-5C, 210-5D, 210-6, 210-7A, 210-7B, 210-8,210-9, 210-10, 211-1A, 211-1B, 211-2, 211-3A, 211-3B, 211-3C, 211-5A, 211-5B, 211-5C, 211-5D, 211-6, 211-7A, 211-7B, 211-7C, 211-7D, 211-7E, 211-7F, 211-8A, 211-8B, 211-9A, 211-9B, 211-9C, 211-9D at Mambakkam Village, Sriperumbudur Taluk, Kancheepuram District,

> MAMBAKKAM Village, Sriperumbudur Taluk,



Kancheepuram District.

This Consent to establish is valid upto June 30, 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.

Digitally signed by

RAGUPATHI RAGUPATHI SANGANAN Date: 2022.12.29

12:05:47 +05'30' For Member Secretary, Tamil Nadu Pollution Control Board, Chennai

To

The Managing Director,

M/s.SIPCOT INDUSTRIAL PARK AT MAMBAKKAM,

STATE INDUSTRIES PROMOTION CORPORATION OF TAMIL NADU LTD (SIPCOT),

19-A, RUKMANI LAKSHMIPATHY ROAD.

EGMORE, CHENNAL,

Pin: 600008

Copy to:

- 1. The Commissioner, SRIPERUMBUDUR-Panchayat Union, Sriperumbudar Taluk, Kancheepuram District.
- 2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, SRIPERUMBUDUR.
- 3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Chennai.
- 4. File

POLLUTION PREVENTION PAYS

3



TAMILNADU ROLLUTION CONTROL BOARD

 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.

SI. No.	Description	Quantity	Unit
	Product Details		
1.	The Industrial Park is an infrastructure development project proposed in 74.76 Ha (184.66 Acres) which involves development and maintenance of roads, storm water drains, water supply, power supply through TANGEDCO, street lights, green belt development and other such amenities to accommodate Electrical, Electronics & any other industries that will not fall under A or B Category as per EIA notification, 2006 and amendments.	74.76	Hectares

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

3. Special Additional Conditions:

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

- The SIPCOT shall ensure to comply with the conditions as stipulated in the Environmental Clearance obtained from SEIAA, TN vide Lr.No.SEIAA-TN/F.No.7652/EC(a)/852/2022 dated 01.07.2022.
- 2. 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.
- 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.
- The SIPCOT shall remit consent fee in case of revision by the Government.



TAMILNADU POLLUTION CONTROPARA PARADiy signed by RAGUPATHI

I SANGANAN

SANGANAN

SANGANAN

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai



TAMILNADU ROLLUTION CONTROL BOARD

- 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.

Digitally signed by RAGUPATHI RAGUPATHI SANGANAN Date: 2022.12.29 12:06:45 +05:30' For Member Secretary,

For Member Secretary, Tamil Nadu Pollution Control Board, Chennal



TAMILNADU POLLUTION CONTROL BOARD

Receipt No. 820/2013

Category of the Industry:

RED

CONSENT ORDER NO. 2201148057277 DATED:

1 0 JAN 2023 *

DATED: 28/12/2022.





PROCEEDINGS NO.T4/TNPCB/F.3099SPR/RL//SPR/W/2022 DATED: 28/12/2022

SUB: TNPC Board-Consent for Establishment-M/S SIPCOT INDUSTRIAL PARK AT MAMBAKKAM S.F No. SF No.s 119-1, 119-2A, 119-3A1A, 119-4, 119-5, 119-7A1, 119-8, 119-9, 119-10, 120-1, 120-2A1A, 120-2A2A, 120-2A3, 120-3, 120-4, 120-5, 121-1, 121-2, 121-3, 121-4, 121-5, 121-6A, 121-6B, 121-6C, 121-6D, 121-6E, 121-6F, 122-1, 122-2A, 122-2B, 122-2C, 122-3, 122-4A, 122-4B, 122-5, 123-1, 123-2, 123-3A, 123-3B, 123-4, 123-5A, 123-5B, 123-5C, 123-6, 123-7A, 123-7B, 123-8, 123-9, 123-10, 123-11, 123-12, 123-13, 123-14, 123-15, 123-16, 123-17, 123-18, 124-1, 124-10, 123-10, 123-11, 123-12, 123-13, 123-14, 123-15, 123-16, 123-17, 123-18, 124-1, 124-10, 123-15, 123-16, 123-17, 123-18, 124-1, 124-10, 124-1 2, 124-3A, 124-3B, 124-3C, 124-4, 124-5, 124-6, 124-7, 124-8, 124-9A, 124-9B, 124-10, 124-11. 124-12, 124-13, 124-14A, 124-14B, 124-15, 124-16, 124-17, 125-1A, 125-1B, 125-2, 125-3, 125-4. 125-5, 126-1, 126-2, 126-3, 126-4, 126-5, 126-6, 126-7, 126-8, 126-9, 126-10, 126-11A, 126-11B, 126-12, 127-1A1, 127-1A2, 127-1B, 127-2, 127-3, 127-4, 127-5, 127-6, 127-7, 127-8, 127-9, 127-10, 128-1, 128-2, 128-3, 128-4, 128-5, 128-6, 128-7, 128-8, 129-1, 129-2, 129-3, 129-4, 129-5, 129-6, 129-7, 129-8, 129-9A, 129-9B, 129-9C, 130, 132-1, 132-2A, 132-2B, 132-2C, 132-2D, 132-2E, 132-3, 132-6, 132-7A, 132-7B, 132-8, 132-9, 149-1, 149-2, 149-3A, 149-3B, 198-1, 198-2, 198-3, 198-4, 198-5, 198-6, 198-7A, 198-8A, 198-8B, 198-9, 198-10, 199-2, 199-4, 199-6, 200-1, 200-2B, 200-3, 200-4, 200-5, 200-6, 200-7, 200-8, 200-9, 200-10A, 200-10B, 200-11, 200-12, 200-13, 200-14, 200-15, 200-16, 201-1, 201-2, 201-3A, 201-3B, 201-3C, 201-3D, 201-4A, 201-4B, 201-5, 201-6, 201-9, 201-10, 201-11, 201-12, 201-13, 201-14A, 201-14B, 202-1A, 202-1B, 202-2A, 202-2B, 202-2A, 202-2B, 202-2B 3A, 202-3B, 202-4, 202-5, 202-6A, 202-6B, 202-7, 202-8A, 202-8B, 202-9, 202-10, 202-11, 202-12A, 202-13, 202-14, 202-15, 202-16A, 202-16B, 202-17, 202-18, 204-1, 204-2, 204-3, 204-4, 204-5, 204-6, 204-7, 204-8, 204-9, 204-11, 204-12, 204-13B, 204-13C, 204-13D, 204-14, 204-15, 204-16B, 204-17, 205-1, 205-2, 205-3, 205-4, 205-5A, 205-5B, 205-6, 205-7, 205-8, 205-9, 205-10A, 205-10C, 206-1, 206-2, 206-3, 206-4, 206-5, 206-7, 206-8, 206-9, 206-11, 207-1, 207-2, 207-3, 207-4, 207-5, 207-6, 207-7, 207-8, 207-9A, 207-9B, 207-10, 207-11, 207-12, 207-13, 207-14, 208-1, 208 207-14, 208-1, 208-2, 208-3, 208-4, 208-6, 208-7, 208-8, 208-9, 208-10, 208-11, 208-12, 208-13, 208-14, 208-15, 208-16, 208-17, 208-18, 208-19, 208-20, 209-1, 209-2, 209-3, 209-4C, 209-4E, 209-5, 209-6, 209-7A, 209-7B, 210-1, 210-2, 210-3, 210-4, 210-5A, 210-5B, 210-5C, 210-5D, 210-5C, 209-5, 209-6, 209-7A, 209-7B, 210-1, 210-2, 210-3, 210-4, 210-5A, 210-5B, 210-5C, 210-5D, 210-5C, 210-5C, 210-5C, 210-5C, 210-5C, 210-5C, 210-5 6, 210-7A, 210-7B, 210-8,210-9, 210-10, 211-1A, 211-1B, 211-2, 211-3A, 211-3B, 211-3C, 211-5A, 211-5B, 211-5C, 211-5D, 211-6, 211-7A, 211-7B, 211-7C, 211-7D, 211-7E, 211-7F, 211-8A, 211-8B, 211-9A, 211-9B, 211-9C, 211-9D at Mambakkam Village, Sriperumbudur Taluk, Kancheepuram District, MAMBAKKAM Village, Sriperumbudur Taluk, Kancheepuram District for the establishment or take steps to establish the industry under Section 25 of the Water (Prevention and control of Pollution)Act, 1974, as amended in 1988(Central Act 6 of 1974)- Issued-Reg.

REF: 1. Unit's application for CTE on 27.09.2022/03.12.2022

IR.No: F.3099SPR/RL/AEE/SPR/2022 dated 21/11/2022

3. Minutes of TSC Resolution No. 208-02 dated 22.12.2022

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

The Managing Director,

SIPCOT INDUSTRIAL PARK AT MAMBAKKAM

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

S.F. No.SF No.s 119-1, 119-2A, 119-3A1A, 119-4, 119-5, 119-7A1, 119-8, 119-9, 119-10, 120-1, 120-2A1A, 120-2A2A, 120-2A3, 120-3, 120-4, 120-5, 121-1, 121-2, 121-3, 121-4, 121-5, 121-6A, 121-6B, 121-6C, 121-6D, 121-6E, 121-6F, 122-1, 122-2A, 122-2B, 122-2C, 122-3, 122-4A, 122-4B, 122-5, 123-1, 123-2, 123-3A, 123-3B, 123-4, 123-5A, 123-5B, 123-5C, 123-6,

1



123-7A, 123-7B, 123-8, 123-9, TAMILNADU POLLUTION CONTROL BOARD, 124-1, 124-2, 124-3A, 124-3B, 124-3C, 124-4, 124-5, 124-6, 124-7, 124-8, 124-9A, 124-9B, 124-10, 124-11, 124-12, 124-13, 124-14A, 124-14B, 124-15, 124-16, 124-17, 125-1A, 125-1B, 125-2, 125-3, 125-4, 125-5, 126-1, 126-2, 126-3, 126-4, 126-5, 126-6, 126-7, 126-8, 126-9, 126-10, 126-11A, 126-11B, 126-12, 127-1A1, 127-1A2, 127-1B, 127-2, 127-3, 127-4, 127-5, 127-6, 127-7, 127-8, 127-9, 127-10, 128-1, 128-2, 128-3, 128-4, 128-5, 128-6, 128-7, 128-8, 129-1, 129-2, 129-3, 129-4, 129-5, 129-6, 129-7, 129-8, 129-9A, 129-9B, 129-9C, 130, 132-1, 132-2A, 132-2B, 132-2C, 132-2D, 132-2E, 132-3, 132-6, 132-7A, 132-7B, 132-8, 132-9, 149-1, 149-2, 149-3A, 149-3B, 198-1, 198-2, 198-3, 198-4, 198-5, 198-6, 198-7A, 198-8A, 198-8B, 198-9, 198-10, 199-2, 199-4, 199-6, 200-1, 200-2B, 200-3, 200-4, 200-5, 200-6, 200-7, 200-8, 200-9, 200-10A, 200-10B, 200-11, 200-12, 200-13, 200-14, 200-15, 200-16, 201-1, 201-2, 201-3A, 201-3B, 201-3C, 201-3D, 201-4A, 201-4B, 201-5, 201-6, 201-9, 201-10, 201-11, 201-12, 201-13, 201-14A, 201-14B, 202-1A, 202-1B, 202-2A, 202-2B, 202-3A, 202-3B, 202-4, 202-5, 202-6A, 202-6B, 202-7, 202-8A, 202-8B, 202-9, 202-10, 202-11, 202-12A, 202-13, 202-14, 202-15, 202-16A, 202-16B, 202-17, 202-18, 204-1, 204-2, 204-3, 204-4, 204-5, 204-6, 204-7, 204-8, 204-9, 204-11, 204-12, 204-13A, 204-13B, 204-13C, 204-13D, 204-14, 204-15, 204-16A, 204-16B, 204-17, 205-1, 205-2, 205-3, 205-4, 205-5A, 205-5B, 205-6, 205-7, 205-8, 205-9, 205-10A, 205-10C, 206-1, 206-2, 206-3, 206-4, 206-5, 206-7, 206-8, 206-9, 206-11, 207-1, 207-2, 207-3, 207-4, 207-5, 207-6, 207-7, 207-8, 207-9A, 207-9B, 207-10, 207-11, 207-12, 207-13, 207-14, 208-1, 208-2, 208-3, 208-4, 208-6, 208-7. 208-8, 208-9, 208-10, 208-11, 208-12, 208-13, 208-14, 208-15, 208-16, 208-17, 208-18, 208-19, 208-20, 209-1, 209-2, 209-3, 209-4C, 209-4E, 209-5, 209-6, 209-7A, 209-7B, 210-1, 210-2, 210-3, 210-4, 210-5A, 210-5B, 210-5C, 210-5D, 210-6, 210-7A, 210-7B, 210-8.210-9, 210-10, 211-1A, 211-1B, 211-2, 211-3A, 211-3B, 211-3C, 211-5A, 211-5B, 211-5C, 211-5D, 211-6, 211-7A, 211-7B, 211-7C, 211-7D, 211-7E, 211-7F, 211-8A, 211-8B, 211-9A, 211-9B, 211-9C, 211-9D at Mambakkam Village, Sriperumbudur Taluk, Kancheepuram District,

MAMBAKKAM Village,

Sriperumbudur Taluk,

Kancheepuram District.

This Consent to establish is valid upto June 30, 2029, or till the industry obtains consent to operate under Section 25 of the Water (Prevention and control of Pollution) Act, 1974, as amended in 1988 whichever is earlier subject to special and general conditions enclosed.

Digitally signed by

RAGUPATHI RAGUPATHI SANGANAN Date: 2022.12.29

For Member Secretary, Tamil Nadu Pollution Centrol Board, Chennai

To

The Managing Director,

M/s.SIPCOT INDUSTRIAL PARK AT MAMBAKKAM,

STATE INDUSTRIES PROMOTION CORPORATION OF TAMIL NADULTD (SIPCOT),

19-A, RUKMANI LAKSHMIPATHY ROAD,

EGMORE, CHENNAL,

Pin: 600008

Copy to:

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

2



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 itsquantity has to be brought to the notice of the Board and fresh consent has to be obtained.

SI. No.	Description	Quantity	Unit
	Product Details		
1.	The Industrial Park is an infrastructure development project proposed in 74.76 Ha (184.66 Acres) which involves development and maintenance of roads, storm water drains, water supply, power supply through TANGEDCO, street lights, green belt development and other such amenities to accommodate Electrical, Electronics & any other industries that will not fall under A or B Category as per EIA notification, 2006 and amendments.	74.76	Hectares

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

a	Se	Sewage Treatment Plant:					
		Treatment st	atus: Septic Tank and S	P/DT			
SL. No.	ž.	Name of the Treatment Unit	No. of Units	Dimensions in metres			
		Septic Tank	1	4.2 m x 2.3 m x 1.9			
2. Soak Pit		Soak Pit	1	1.0 m dia x 2.5 m l			
b	Ef	fluent Treatment Plant:					
		Treatment status: No t	rade effluent and hence	does not arise			
SL. No.		Name of the Treatment Unit	No. of Units	Dimensions in metres			
-	i.						

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

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal
Effluent Ty	pe : Sewage	//////////////////////////////////////	
1,	Sewage 1(From SIPCOT Project office)	0.85	On Industrys own land
2.	Sewage 2 (From Individual industries)	235.0	Will be treated by Individual industries and reused for flushing and green belt development
Effluent Ty	pe : Trade Effluent		
1.	Effluent from Individual Industries	368.0	Will be treated by Individual industries and reused for process and utilities. ZLD will be maintained by individual industries.

4. Special Additional Conditions:



The unit shall of TAMILNADU ROLLUTION CONTROL BOARD du Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

5. Additional Conditions:



TAMILNADU POLLUTION CONTROL BOARD

1. The SIPCOT shall ensure to comply with the conditions as stipulated in the Environmental Clearance obtained from SEIAA, TN vide Lr.No.SEIAA-TN/F.No.7652/EC(a)/852/2022 dated

The issue of CTE to the project shall not be construed as CTO and shall not commission the project

without obtaining CTO from the Board.

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

4. In accordance with Item No.9 of the EIA Notification, 2006, the SIPCOT shall possess valid EC

while applying for CTO of the Board.

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

6. This consent order does not absolve from obtaining necessary permission / Clearance from other

Authority or under other statutes as applicable.

7. The SIPCOT shall obtain and furnish the approved planning permission from the Competent Authority while applying for CTO of the Board.

8. The unit shall furnish land delivery receipt for all the proposed survey numbers of Mambakkam

Village, 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 submit baseline data for ground water to assess the quality of ground water around 1 KM radius outside the boundary of the project and also from available open wells inside the premises within a month's time.

14. 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.

15. The SIPCOT shall ensure that all the individual industries manage the Municipal Solid Waste generated by them within their premises as per Solid waste Management Rules 2006 as amended. 16. The SIPCOT shall provide a common solid waste treatment and disposal facility for the disposal of solid wastes (bio degradable wastes).

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 earmark the area allotted for Greenbelt development and 5% for Solid Waste Management in a layout plan and furnish the same while applying for CTO of the Board.

 The SIPCOT shall provide Rain Water Harvesting pits so as to recharge the ground water table. 21. The SIPCOT shall ensure that the plastic wastes are segregated and disposed as per the provisions of Plastic Waste (Management and Handling) Rules, 2016.

22. 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.

24. The SIPCOT shall provide solar powered lights for illumination of common areas, lighting for

gardens and street lighting.

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. 26. The SIPCOT shall ensure that the allotted units not dig any well or bore well inside their premises

for drawing of ground water.

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

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

respective Acts.

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



For Member Secretary, Tamil Nadu Pollution 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.
- 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.

PAGUPATHI RAGUPATHI
SANGANAN
SANGANAN
Date: 2022.12.29
12:04:49 +05'30'
For Hember Secretary,

For Member Secretary, Tamil Nadu Pollution Control Board, Chennal

ON I.G.S. ONLY

பினாஸ்டிக் மாசில்லா தமிழகத்தை உருவாக்குவோம் !



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The Janaging Director.

MIS DECOT INDUSTRIAL PARK AT MAMBAKKAM.

STATE INDUSTRIES PROMOTION CORPORATION OF TAMIL NADULTD (SIPCOT).

19 A RUKMANI LAKSHMIPATHY ROAD.

EGN DRE CHENNAL





Tamil Nadu Pollution Control Board

No.76, Mount Salai, Guindy, Chennai - 600 032.

Telephone: 22353134 to 141

Telegram : 'CONPOL' Fax: 044 - 22353068

E-mail : tnpcb-chn@gov.in

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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.**

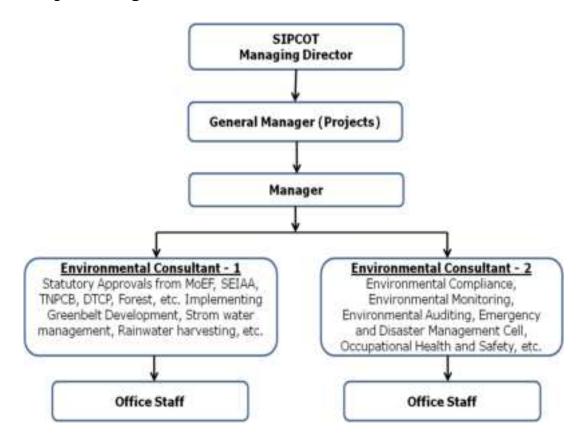


Figure - 1 Organogram for Environmental Management Cell

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
		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
		Management Plan.
		Ensuring compliance to the conditions prescribed by
3	Manager	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 / TNDCB at a
		TNPCB, etc.
		Addressing the various queries received from statutory
1	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.
		diffe due to the efficiency challenges.

Hubert Enviro Care Systems (P) Ltd.

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: 1 of 1

ULR

: TC1231025000016289F

Report No.

FRECS/AP/073/170325

Sample ID No-

: 170325254

Sampling Date

+16/03/2025

Address of the Client

: M/s. SIPCOT : Mambakkam

Atmospheric Pollution

Received Date : 17/03/2025

Sample Name

: Ambient Air

Commenced Date: 17/03/2025

Completed On

: 04/04/2025

Sample Mark

Report Date

04/04/2025

Sample Reference

NA

Sample Ory

Sample Drawn By

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

INA

Sample Location Environmental Condition : Project Area

| Humidity (%): 55.0

Sampling Method & Plan

: Temperature (°C): 30.0 : IS 5182 Part 5 & Part 14

S.Na.	Test Parameters	Units	Results	Test Method	NAAQ Stand	lards : 2009
Discip	dise ; Chemical					
1	Arsenic	og/m³	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 hour: No.:01 hour Date:01:03:2021	6 (Annual)	ō (Annual)
	Nickel	ng/m*	BLQ (LOQ: 20)	HECS-G/INS/SOP/ 041 Issue No. 01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
1	Bearer	$\mu g/m^{\epsilon}$	BLQ (LOQ: 0.1.)	3S 5182 Part #1: 2006	5 (Aismol)	3 (Annual)
	Remo (a) pyrone	eg/m*	BLQ (LOQ 0.1)	IS : 5182 Part 12: 2004	Talounot):	T (Annual)
	Americania in NH3	jrg/mt	6.83	85 5182 (Part 25) 2018	400 (24 hours)	100 (Annual)
	Carbon Mononide (CO)	mg/m²	BLQ(LOQ 0.05)	IS 5182 (Part 10) Claim: 4 1999	4 (1 hours)	2 (8 bours)
7	Nitrogen dioxides as NO2	jug/m ⁵	21.01	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
	Ozone as O3	µg/m³	15.10	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours
e::	Particulate matter (Size less than 10 μm)	lv8/m ₂	75.32	IS 5182 (Part 23)-2006	100 (24 hours)	60 (Annuil)
10	Particulate matter (Size less than 2.5 jum)	pg/m³	32.35	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)
11	Sulphur dioxide as SO2	1120/m ³	12.50	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)
12	Lend	µg/m³	BLQ (LOQ: 0.002)	HECS-G/INS/SOIV 041 Issue No.:01 Issue Date:III.03.2021	f (24 hours)	0.5 (Annual)

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

Remarks: The Testod Parameters as above are within the Limits of NAAQ Standards 2009.

"End of Report"



D. Анимиул Lab Manager Authorized Signatory

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INFOS. CARACTURATE IN A HECS-G/O/FMT/849

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

Guindy, Chennai - 600 032.

Ph: 42985555 / 43635555 Fax: 42985500

Name of the Client

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.

TEST REPORT

Page: 1 of 1

Report No. : HECS/AP/073/170325/N

Sample ID No. : 170325254

Sampling Date 16/03/2025

Address of the Client : Mambakkam

Received Date : 17/03/2025 Group Atmospheric Pollution Commenced Date: 17/03/2025 Sample Name Ambient Air Completed On : 04/04/2025 Sample Mark : NA Report Date. Sample Reference : 04/04/2025 = NA

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

Sample Location - Project Area

: M/s. SIPCOT

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

Sampling Method & Plan : IS 5182 Part 5 & Part 14

S.No.	Test Parameters	Units	Results	Test Method	
Discipline	: Chemicat			.f	
TV	OC	ppmv	BLQ(LOQ 0.1)	HECS-G/ENV/AAQ/SOP/005 hos	
			13-0-0-92/00/00/00/00	No. 01 fume Date 02:07 2020	

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



D.Anusuya Lab Manager Authorized Signatory

Hubert Enviro Care Systems (P) Ltd.

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

Ph: 42985555 / 43635555 Fax: 42985500

E-mail: labsales@hecs.in



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TEST REPORT

Page: Lof L

ULR

: TC1231025000016290F

Report No.

: HECS/AP/074/170325

Sample ID No

: 178325255

Sampling Date

Received Date

Completed Ox

Report Date

Sample Qty

Commerced Date: 17/03/2025

: 16/03/2025

: 17/03/2025

= 04/04/2025

: 04/04/2025

1NA

Address of the Client : Mambakkam

Group

- Atmospheric Pollution

Sample Name

- Ambient Air

M/s. SIPCOT

Sample Mark

= NA

Sample Reference

Name of the Client

: NA

Sample Drawn By

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

Sample Location

: Anakaputhur

: Temperature (°C): 29.0

| Humidity (%): 55.0

Environmental Condition Sampling Method & Plan

: IS \$182 Part 5 & Part 14

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Stand	lards : 2009
Discip	line : Chemical					
	Arsenic	'ng/m²	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No:01 Issue Date:01.03.2021	6 (Annual)	6 (Annual)
1	Nickel	ng/m²	Bt.Q (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01:03.2021	20 (Annual)	20 (Amual)
	Henzene	agint'	BLO (LOQ: 0.1.)	Bi 5182 Part 11: 2006	5 (Amusi)	5 (Annual)
6	Benzo (ii) pyrene	ng/m²	BLQ (LDQ: 0.1)	Bi : 5182 Part 12; 2004	T (Annual):	T (Annual)
	Ammonia as NH3	148/H2	7.35	IS 5182 (Part 25) 2018	400 (34 hours)	100 (Annut)
	Carbon Monoxide (CO)	mg/m²	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (I hours)	2 (8 hours)
7.	Nitrogen dioxides as NO2	µg/m²	20.42	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
	Ozone as O3	µg/m²	14.63	IS 5182 (Part 9) 1974	180 (1 bours)	100 (8 hours)
9	Particulate matter (Size less than 10 µm)	sig/m'r	86.76	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Amual)
10	Particulate matter (Size less than 2.5 ami)	hā/m'	25.65	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annul)
11	Sulphur dioxide as \$02	μg/m ^s	10.22	IS-5182 (Part 2) 2001	80 (24 bours)	50 (Annual)
12	Lend	μg/m²	BLQ (LOQ: 0.002)	HECS-G/INS/SOP/ 041 Isrue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)

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

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

""End of Report"

600 022

D.Anusuya Lab Manager Authorized Signatury

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HECS-C/O/FMT/M49 HECS-G/Q/FMT/049

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

Guindy, Chennal - 600 032.

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TEST REPORT

Page: 1 of 1

Report No. HECS/AP/074/170325/N

Sample ID No : 170325255

Received Date

Completed On

Report Date

Sample Oty

Sampling Date 16/03/2025

Consumered Date: 17/03/2025

1 17/03/2025

04/04/2025

: 04/04/2025

: NA

Address of the Client : Mambakkam

Group - Atmospheric Pollution Sample Name - Ambient Air(All)

Sample Mack : NA Sample Reference : NA

Sample Drawn By Sample Location

Name of the Client

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

Environmental Condition Sampling Method & Plan-: IS 5182 Part 5 & Part 14

- Anakaputhur

: M/s. SIPCOT

- Temperature (°C): 29.0

| Hamidity (%): 55.0

S.No.	Test Parameters	Units	Results	Test Method	
Discipline	e ; Chemical				
1 700	OC	ppnov	BLQ(LOQ 8.1)	HECS-G/ENV/AAQ/SOP/005 Issu	
				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



D.Anusuya Lab Manager Authorized Signatory

Hubert Enviro Care Systems (P) Ltd.

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

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TEST REPORT

Page: 1 of 1

ULR

: TC1231025000016291F

Report No.

- HECS/AP/075/170325

Sample ID No.

: 170325256

Sampling Date

Received Date

Completed On

- 16/03/2025

117/03/2025

= 04/04/2025

Address of the Client

: Mambakkam

: M/s. SIPCOT

Group

: Atmospheric Pollution

: Ambient Air

Sample Name

Sample Mark

: NA : NA

Sample Reference Sample Drawn By

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

Sample Location Environmental Condition : Santhavellore

Sampling Method & Plan

: 18 5182 Part 5 & Part 14

Report Date : 04/04/2025

Sample Qty

Commenced Date: 17/03/2025

= NA

: Temperature (°C): 30.0 | Humidity (%): 56.0

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Stand	lards : 2009
Discip	dine : Chemical					
	Arsenic	ng/m²	HLQ (LOQ: 2.0)	HECS-G/0vS/SOP: 041 haue No.:01 Issue Date:01:03.2021	6 (Amual)	6 (Annual)
2	Nickel	ng/m²	BLQ (LOQ: 2.0)	HECS-G/INS/SOP: 041 base No.:01 base Date:01.03.2021	20 (Annual)	26 (Annual)
1	Benzene	Hw/m!	BLO (LOO: 0.13	IS 5182 Part 11:2006	5 (Annual)	3 (Amout):
4	Bestor (a) pyrene	ing/mil	HLQ (LDQ: 0:1)	IS : 5182 Part 12: 2004	T (Annual)	T (Annai)
5	Anmonia as NH3	ug/m"	HLQCCQ 53	IS 5182 (Part 25) 2011	400 (24 hours)	100 (Amust)
6	Carbos Monoxide (CO)	mg/m²	BLQ(LOQ 8.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 bouts)
7	Nitrogen dioxides as NO2	µg/m²	13,42	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
К	Ozone as O3	$\mu g/m^{\prime}$	BLQ(LOQ 10)	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours
9	Particulate matter (Size less than 10 µm)	m8/mg	89.95	IS 5182 (Part 23) 2006	100 (24 hours)	(Amust)
10	Particulate matter (Size less than 2.5 µm)	hilian;	30.49	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Amual)
11	Sulphur dioxide in SO2	hilli, m _p	9.35	IS 5182 (Part 2): 2001	80 (24 hours)	50 (Annual)
12	Lead	hñ,m,	BLQ (LOQ) 0.002)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	1 (24 hours)	0.5 (Annual)

Nute:- BLO - Below the Limit of Quantification, LOQ- Limit of Quantification, µg/m²- Micrograms per cubic meter, mg/m2- Milligrams per cubic meter, ng/m3- Nanograms per cubic meter,

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

""Emt of Report""

D. Amesuya Lab Manager Authorized Signatory



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INFOS. CONTACT mass HECS-G/Q/FMT/049

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

Guindy, Chennai - 600 032.

Ph: 42985555 / 43635555 Fax: 42985500

E-mail: labsales@hecs.in

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TEST REPORT

Page: 1 of 1

Report No.

HECS/AP/075/170325/N

Sample ED No.

: 170325256

Sampling Date

: 16/03/2025

Address of the Client

Name of the Client

: Mambakkam

M/s. SIPCOT

- Atmospheric Pollution

Received Date = 17/03/2025

Sample Name Sample Mack

- Ambient Air

Commenced Date: 17/03/2025

: NA Sample Reference = N.A. Completed On Report Date

: 04/04/2825 : 04/04/2025

Sample Drawn By

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

Sample Qty - NA

Sample Location

Geoup

: Santhavellore

Environmental Condition

: Temperature (°C): 30.0 | Humidity (%): 56.8

Sampling Method & Plan-

: IS 5182 Part 5 & Part 14

S.No.	Test Parameters	Units	Results	Test Method
Discipl	line : Chemical			15
t -	TVOC	ppmy	BLQ(LOQ 0.1)	HECS-G/ENV/AAQ/SOP/005 Issue
- 1			DEWEST N	No.:01 furor Date:02:07.2020

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

End of Report



D.Anusuya Lab Manager Authorized Signatory

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HECS_C/O/FMT/49 HECS-G/Q/FMT/49

Hubert Enviro Care Systems (P) Ltd.

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

Ph: 42985555 / 43635555 Fax: 42985500

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TEST REPORT

Page: 1 of 1

171.16

: TC1231025000016292F

Report No.

HECS/AP/076/170325

Sample ID No.

: 170325257

17/03/2025

3 04/04/2025

: 04/04/2025

NA

Sampling Date

Received Date

Completed On

Report Date

Sample Qty

Commenced Date: 17/03/2025

+16/03/2025

Address of the Client

: Mambakkam

: M/s, SIPCOT

Atmospheric Pullution

- Ambient Air

Sample Name

: NA

Sample Mark

Sample Retirence

: NA

Sample Dyawn Ity Sample Location

Environmental Condition

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

: Temperature (°C): 28.0 | Humidity (%): 54.0

Sampling Method & Plan

- 18 5187 Part 5 & Part 14

S.Na.	Test Parameters	Units	Results	Test Method	NAAQ Standards: 2009			
Discipline : Chemical								
	Amenic	ull/ini,	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 bisue No.:01 bisue Date:01.03.2021	6 (Annual)	6 (Annual)		
1	Nickel	ng/m²	BLQ (LOQ: 2.0)	HECS-G/B\S/SOF\ 041 Issue No.:01 Issue Date:01:03.2021	20 (Annual)	20 (Annual)		
1	Bearese	148/m²	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	5 (Amuri)	5 (Annual).		
	Benzo (a) pyrenz	mg/m²	HLQ (LDQ: RT)	35 : 5182 Part 12: 2994	1 (Annuil)	T (Annual)		
5	Ammonia as NH3	pg/m²	8.82	IS 5182 (Pert 25) 2018	400 (24 hours)	100 (Annual)		
5	Carboo Mimoxide (CO)	mg/m²	BLQ(LOQ 0.05)	IS 5182 (Part 10) Clause 4 1999	4 (1 hours)	2 (8 hours)		
7	Nitrogen dioxides as NO2	µg/m²	17.07	IS 5182 (Part 6) 2006	80 (24 bours)	40 (Amual)		
1	Ozonc au O3	μg/m³	16:08	IS 5182 (Part 9) 1974	180 (1 hours)	100 (8 hours)		
8	Particulate matter (Size less than 10 μm)	µg/m²	97.77	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)		
10	Particulate matter (Size less than 2.5 μm)	µg/m²	34.42	IS 5182 (Part 24) 2019	60 (24 hours)	40 (Annual)		
11	Sulphur disoide as SO2	µg/m²	12.83	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Annual)		
12	Lead	µg/m²	BLQ (LOQ: 0.002)	HECS-G/INS/SOIF 041 Issue No.:01 Issue Date:01.03.2021	1 (24 bours)	0.5 (Annual)		

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

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

> D. Amusuya Lab Manager Authorized Signatory



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

Guindy, Chennai - 600 032.

Ph: 42985555 / 43635555 Fax: 42985500

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TEST REPORT

Page I of 1

Ricport Nis.

- HECS/AP/076/170325/N

Sample ID No

: 170325257

Test Parameters

: 16/03/2025 Sampling Date

Address of the Client

Name of the Client

: Mambakkam

: M/x. SIPCOT

Received Date 17/03/2025

Sample Name

: Ambient Air

Commenced Date: 17/03/2025

Sample Mark

Group:

S.No.

: NA

Sample Reference

: NA

Completed On 04/04/2025

Sample Donen By

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

Report Date : 04/04/2025 Sample Qty

Sample Location

: Vallakottai

: NA

Environmental Condition

Sampling Method & Plan

- Temperature (°C): 28.0 | Humidity (%): 54.0 : IS 5182 Part 5 & Part 14

Atmospheric Pollution

Results Test Method

BLOILDO 0.13

Discipline : Chemical TVOC

HECS-G/ENV/AAQ/SOP/005 hour No. 01 Insue Date:02:07 2020

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

Units

ppmy

End of Report



D.Anusuya Lab Manager Authorized Signatory

 The report in fail or part shall not be used for any promotional or publicity purpose without written consent by HECS expanisation: 2. Samples are not drawn by HECS unless or otherwise mentioned: 3. Univers specifically requirement the tast items will not be retained more than 15 days from the date of issue of tool report. 4. Under no circumstances lab occupit any liability or loss / damage caused by use or missue of less report after invoicing or issue of test report. 5. The test results relate only to the test liters.

HECS-C/CVENTTAD.

HECS-C/CVENTTAD.

THE CS-C-CVENTTAD.

**THE CS-C-CVE HECS-G/O/FMT/49

Hubert Enviro Care Systems (P) Ltd.

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

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TEST REPORT

Page: 1 of 1

ULR

: TC1231025000016293F

Report No.

= HECS/AI/077/170325

Sample ID No

: 170325258

Sampling Date

±16/03/2025

Address of the Client

: M/s. SIPCOT : Mambakkam

Received Date

17/03/2025

Sample Name

Atmospheric Pollution

Commenced Date: 17/03/2025

Groon

- Ambient Air

Sample Mark

- NA

Completed On Report Date

: 04/04/2025

Sample Reference

: NA

: 04/04/2025

Sample Drawn By

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

Sample Oty

Sample Location

: NA

Environmental Condition Sampling Method & Plan

: Temperature (°C): 28.0 | Humidity (%): 55.0

: 15 5187 Part 5 & Part 14

S.No.	Test Parameters	Units	Results	Test Method	NAAQ Stand	lards : 2009
Discip	dine : Chemical					
	Arsenic	ng/m²	BLQ (LOQ: 2.0)	HECS-G/INS/SOP/ 041 Issue No.:01 Issue Date:01.03.2021	6 (Annial)	6 (Annual)
2	Nickel	ng/m²	BLQ (LOQ: 24)	HECS-G/INS/SOP/ 041 Issue: No. 01 Issue Date:01.03.2021	20 (Annual)	20 (Annual)
)	Benzene:	jig/m²	BLQ (LOQ: 0.1)	IS 5182 Part 11: 2006	.5 (Annual)	5 (Amust)
	Hemm (a) pyrene	ng/m*	BLQ (LDQ: 0.1)	85 - 5182 Part 12: 2004	1 (Annual)	1 (Annual)
5	Annoma as NEO	ing/m²	10.03	15 51102 (Part 25) 2018	400 (24 heurs)	100 (Armud
6.	Carbon Monneide (CO)	mg/m)	BLQ(LOQ 0.05)	15-5182 (Part 10): Chause 4 1999	4 (1 hours)	2 (8 bours)
7.	Nitrogen disxides as NO2	µg/m²	18.97	IS 5182 (Part 6) 2006	80 (24 hours)	40 (Annual)
8	Ozone as O3	μg/m²	19.15	IS 5182 (Part 9) 1974	180 (1 bours)	100 (8 hours
9	Particulate matter (Size less than 10 µm)	HB/m ³	81,39	IS 5182 (Part 23) 2006	100 (24 hours)	60 (Annual)
10	Particulate matter (Size less than 2.5 jun)	hB/m,	35.22	IS 5182 (Part 24) 2019	60 (24 bours)	40 (Annual)
11	Sulphur dioxide as SO2	h/B/m ₃	14.74	IS 5182 (Part 2) 2001	80 (24 hours)	50 (Amuul)
12	Lead	htli,m,	BLQ (LOQ: 0.002)	HECS-G/INS/SOP 041 fasue No.:01 home Date:01.03.2021	1 (24 hours)	0.5 (Aressal)

Note: BLQ - Below the Limit of Quantification, LOQ-Limit of Quantification, µg/m²- Micrograms per cubic meter, mg/m3- Milligranos per cubic meter, ng/m3- Nanograms per cubic meter.

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



D.Anusuya Lab Manager Authorized Signatory

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

Guindy, Chennai - 600 032.

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TEST REPORT

Page: 1 of 1

Report No.

- HECS/AP/077/170325/N

Sample ID No. Sampling Date

: 170325258 : 16/03/2025

Address of the Client

Name of the Client

: M/s. SIPCOT : Mambakkam

Received Date : 17/03/2025

Sample Name

Atmospheric Pollution : Ambient Air

Sample Mark

Group

Commenced Date: 17/03/2025 Completed On

+NA :NA

Report Date

04/04/2025

Sample Reference

04/04/2025

Sample Drawn By

1 M/s. Hubert Euviro care Systems (P) Ltd.

Sample Oty

Sample Location

= NA

Environmental Condition

: Temperature (°C): 28.0 | Humidity (%): 55.0

Sampling Method & Plan

: IS 5182 Part 5 & Part 14

S.No.	Test Parameters	Units	Results	Test Method
Discipline:	Chemical			The Control of Control
t TVC		ppmv	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



D.Anusuy# Lab Manager Authorized Signatory

Hubert Enviro Care Systems (P) Ltd.

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

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TEST REPORT

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ULR

TC1231025000016873F

Report No.

= HECSL/WT/060/170325

Sample II3 No.

170325260

Sampling Date

: 16/03/2025

Address of the Client

: M/s. SIPCOT : Mambakkam

17/03/2025

Sample Name

Water : Ground Water Received Date Commenced Date: 17/03/2025

Sample Mark

Group

Completed On : 05/04/2025

- NA

Report Date

Sample Reference

05/04/2025

INA

Sample Oty

2 Litres

Sample Drawn By: Sample Location

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

Environmental Condition

: Temperature (°C): 22.0 | Humidity (%): 45.0 2021

Sampling Method & Plan	IS 17614(Part-1):3
providence in the straight and a limit	THE RESERVE AND THE PARTY OF TH

8.No.	Test Parameters	Units	Results	Test Method	IS 14500 : 2012	
					Acceptable Limits (Max)	Permissible Limit (Max)
Disci	pline : Chemical					
t:	Bi carbonate	mg/t	512.4	IS 3025 Part 51: 2001	NA:	NA.
2	Horon as H	mg/l	BLQ(LOQ.0.1)	IS 3025 Part 57 -Curcumin Method: 3021	0.5	2.4
1	Calcium us Ca	mW _U	104.21	IS 3025 Part 40, 1991(EDTA Tillimotos Method)	15	200
4.	Сагровне	mgri	BLARLORISTON	45 3023 Part 31, 2001	NA:	19.05
5	Chloride as Cl	mg/l	262.28	.IS 3025 Part 32: 1988 (Argentometric Method)	250	1000
0	Cyanide as CN	mg/I	BLQ(LOQ:0.01)	IS 3025 Part 27 Sec 1: 2021	0.05	No relaxation
7	Electrical Conductivity at 25°C	μS/cm	1698.0	IS 3025 Part-14: 2013	NA	NA
8	Fluoride as F	mg/l	0.43	APHA 25rd edition (Method 4500F- B., D): 2017	1.0	1.5
9	lron as Fe	mg/l	0.054	IS 3025 (Part 53): 2003	1.0	No relaxation
10	Magnesium as Mg	mg/l	29.16	IS 3025 Part 46: 1994 (Valumetric Method using EDTA)	30	001
11	Narate as NO3	mg/l	5.71	APHA 23rd edition (Method 4500 NO3B), 2017	45	No relaxation
12	Odour		Agrocuble	IS 3025 (Part 5): 2018	Agrecable	Agrecable
13	pH at 25°C	-	7.83	IS 3025(Part 11) : 2022 (Electrometric method)	6.5-8.5	No relexation



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Name of the Client

TEST REPORT

Page 2 of 4

ULR : TC1231025000016873F

Report No. : HECSL/WT/060/170325

Sample ID No : 170325260

Sampling Date : 16/03/2025

Address of the Client : Mambakkum

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 : Near Vallakottai Environmental Condition : Temperature (°C

H : Temperature (°C): 22.0 | Humidity (%): 45.0

: M/s. SIPCOT

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

Received Date :	17/03/2025
Commerced Date:	
and the second second second	05/04/2025

Report Date = 05/04/2025 Sample Qty = 2 Litres

Williams	or the second	100000000000000000000000000000000000000	480.00	

5.No.	Test Parameters	Units	Hesults	Test Method	15 1050	0 : 2012
					Acceptable Limits (Max)	Permissible Limits (Max)
14	Potassium as K	mg/t	15.0	IS 3025 Part 45: 1993 (Fleme emission Photometric Method)	NA NA	NA.
15	Sodium as Na	mg/l	192.0	IS 3025 Part 45: 1993 (Fleme emission Photometric Method)	NA	NA.
16	Sulphate as SO4	Pagin	51.87	IS 3025 Part 24 Sec. 1, 2022) Turbidity Methodic Turbidity Methodic	200	400
17	Total dissolved solids	mg/l	930.0	IS 3025 (Part 16): 1984	500	2000
18	Total Suspended Solids	mg/li	2.0	IS 3025 (Part 17): 1984	NA.	NA
19	Phosphorous as P	mg/l	0.110	IS 3025 Part 31 Sec 1: 2022 (Stammas Chloride method)	NA	NA
20	Total hardness as CaCO3	mg/l	380,0	IS 3025 (Part 21): 2009	200	600
21	Turbidity, NTU	NTU	0.9	IS 3025 (Part 10): 1984	1.	
22	Atsenic	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.01	No relocation
2.8	Cadmeum	mg/i	BLQ (LOQ: 0.001)	USEPA 200.8 : 1994	0.003	No relaxation
24	Chromium	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8 : 1994	0.05	No relaxation
25	Copper	rrg/l	BLQ (LOQ: 0:01)	USEPA 200.8 : 1994	0.05	1,5
26	Lend	mg/I	BLQ (LOQ: 0.005)	USEPA 300.8 : 1994	0.01	No relexation



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TEST REPORT

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ULR : TC1231025000016873F Report No. : HECSL/WT/060/170325

17/03/2025

: 05/04/2025

- 05/04/2025

2 Litres

Sample ID No : 170325260

Received Date

Completed On

Report Date

Sample Qty

Sampling Date : 16/03/2025

Commenced Date: 17/03/2025

Address of the Client : Mambakkam

Group: Water
Sample Name: Ground Water

Sample Mark : NA

Sample Reference : NA
Sample Drawn By : M/s. Hubert Environeure Systems (P) Ltd.

Sample Location : Near Vallakottai

Environmental Condition | Temperature (°C): 22.0 | Humidity (%): 45.0

: M/s. SIPCOT

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

S.No.	Test Parameters	Units	Results	Test Nethod	IS 1950	0 : 2012
					Acceptable Limits (Max)	Permissible Limits (Max)
27	Mercury	rig/t	BLQ (LDQ: 0.0005)	USEPA 200.8 : 1994	100.0	No relocation
28	Nickel	mg/t	BLQ (LOQ: 0.01)	USEPA 200.8 : 1994	0.02	No reluxation
29	Zinc	Figure 1	BLQ (LDQ: 0.01)	USEPA 2003 : 1994	3	13
30	Phranic compounds as C6H5OH	mgit	BLQ(LQQ-0.00 1)	TS 3605 Pure 43 Sec 1 2022	0.001	0.003
31	Anionie Surface Active agents as MHAS	mg/l	BLQ(LOQ:0.05)	APHA 23rd edition (Method 5540 B , C): 2017	0.2	T.
32	Percent Sodium	54	50.99	HECS /WT/SOP/002: 2019	NA	NA.
33	Barium	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8: 1994	0.7	No relaxation
34	Residual Sodium Carbonate	meq/l	HLQ(LOQ:1.0)	IS 11624: 2019	0.2	1.0
35	Ammonia as NH3	Figns	BLQ(LOQ:0.02)	45-3025 Part 34/Sec 2: 2021 (Newletization Method)	0.5	No relaxation
36	Sedium Adsorption Ratio(SAR)	Square root of (millimole/ litre)	4.3	IS 11624 : 2019	NA	NA.
37	Dissolved oxygen	mg/3	6.5	IS 3025 (Part 38): 1989 (Turimetric Method)	NA	NA



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DLR

TC1231025000016873F

Report No.

3 HECSL/WT/060/170325

Sample ID No.

: 179325260

Sampling Date

: 16/03/2025

Address of the Client

: Mambakkam

: M/s. SIPCOT

Received Date

: 17/03/2025

Water

Sample Name

Ground Water

Commenced Date: 17/03/2025

Sample Mark

Completed On

105/04/2025

: NA

Report Date

05/04/2025

Sample Reference

ENA

Sample Drawn By

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

Sample Qty

2 Litres

Sample Location Environmental Condition Near Vallakottai

- Temperature (°C): 22.0 | Humidity (%): 45.0

Sampling Method & Plan

: IS 17614(Part-1):2021

S.No.	Test Parameters	theirs.	Beside	Test Method	15 1050	6:2012
					Acceptable Limits (Mas)	Permissible Limite (Max)
38	Biological Oxygen Demand (BOD)@ 27°C For 3 days	Ngm	BLQ(LOQ:2.0)	IS 3025 Part 44: 1993	NA	NA
39	Chemical Oxygen Demand (COD)	mg/T	BLQ(LOQ:4.0)	IS 3025 Part 58: 2006	NA	NA.
40	Phosphare as PO4	mg/S	0.110	25, 3025 Peri 31 Sec 1, 2022	NA.	NA.
41	Selemum	mg/l	BLO (LOO: 0.005)	USEPA 2003 - 1994	0.01	No relocation
42	Manganese	mg/t	0.01) (10.0	USEPA 200.8 : 1994	0.1	0.3
43	Total alkalimity as CaCO3	mg/f	420:0	IS 3025 (Part 23): 1986	200	600

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



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TEST REPORT

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Report No.

HECSL/WT/060/170325/N

Sample ID No.

: 170325260

Sampling Date

Completed On

Report Date

Sample Qty

: 16/03/2025

: 05/04/2025

05/04/2025

2 Litres

Received Date : 17/03/2025

Commerced Date: 17/03/2025

Address of the Client

Name of the Client

Mambakkam

: MA. SIPCOT

Group

5.No.

Water

Sample Name

: Ground Water

Sample Mark

Sample Drawn By

Sample Location

Environmental Condition

Sampling Method & Plan

: NA

Sample Reference

:NA

Test Parameters

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

Dissits.

2 Near Vallakottai

: Temperature (°C): 22.0 | Humidity (%): 45.0

: IS 17614(Part-1):2021

Heridia Test Method

Discipline : Chemical

Hesavalert Climmum as Cr6+

BLQ(LOQ:0.01) mg/l

IS 3025 Part 52 Chase 6: 2003

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

"Ead of Report"

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\$11.11

: TC1231025000016887F

Report No.

- HECSL/WT/061/170325

Sample ID No.

: 170325261

Sampling Date

: 16/03/2025

: Mambakkam

1 M/s. SIPCOT

Water

Received Date : 17/03/2025

Sample Name

Ground Water

Commenced Date: 17/03/2025

Address of the Client

Completed On : 07/04/2025

Sample Mark

: NA

Report Date

: 07/04/2025

Sample Reference

INA

Sample Drawn By

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

Sample Qty

2 Litres

Sample Location Environmental Condition Near Anakaputhur

Temperature (°C): 22.0 | Humidity (%): 45.0

Sampling Method & Plan

: IS 17614(Part-I):2021

N.No.	Test Parameters	Units	Results	Test Method	15 1950	9:2012
		Acceptab	Acceptable Limits (Mas)	Permissible Limits (Max)		
Disci	pline : Chemical					
1	Bi carbonate	ring/L	378.2	IS 3025 Part 51: 2001	NA.	NA
2	Boron as B	Pageri	BEQ(LOQ-9.1)	IS 3025 Part 57 -Curcumin Method: 2021	0.5	2,4
3	Calcium ao Ca	Paget	144,28	IS 3025 Part 40: 1991(EDTA Titrimetric Method)	75.1	200
4.	Carbonate	mp/L	BL00.00 L0	TS 3025 Part 51: 2001	NA:	NA.
5	Chloride as Cl	mgd	202.9	15 3025 Part 32; 1988 (Argentometric Method)	250	1000
6	Cyanide as CN	mg/t	BLQ(LOQ:0.01)	IS 3025 Part 27 Sec 1: 2021	0.05	No relaxation
7	Electrical Conductivity at 25°C	µS/cm	2910.0	IS 3025 Part-14: 2013	NA.	NA
S	Fluoride as F	mg/I	0.45	APSIA 23rd edition (Method 4500F- B , D): 2017	1.0	1.5
9.	fron as Fe	mg/l	0.039	IS 3025 (Part 53): 2003	1.0	No relaxation
10	Magnesium as Mg	figm	53.46	IS 3025 Part 46: 1994 (Valumetric Method using EDTA)	30	100
11.	Narate as NO3	Pgm	7.12	APHA 23rd edition (Method 4500 NO3B): 2017	45	No relaxation
12	Odour	4.5	Agrecable	IS 3025 (Part 5): 2018	Agreeable	Agreeable
1.3	pH at 25%C	1.2	7.42	3S 3025(Part 11) : 2022 (Electrometric method)	6.5-8.5	No relaxation



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ULR

TC1231025000016887F

Report No.

: HECSL/WT/061/170325

Sample ID No

: 170325261

: 07/04/2025

07/04/2025

2 Litres

Sampling Date + 16/03/2025

Completed On

Report Dine

Sample Qty

Received Date : 17/03/2025

Commenced Date: 17/03/2025

Address of the Client

: Mambakkam

: M/s. SIPCOT

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

Near Anakaputhur

Environmental Condition

: Temperature (°C): 22.0

Sampling Method & Plan

: 1S 17614(Part-1):2021

Humidity	(%)	: 450

S.Na.	Test Parameters	Units	Results	Test Method	15 1858	9:2012
					Acceptable Limits (Max)	Permissible Limits (Max)
14	Potassium as K.	mg/l	24.0	IS 3025 Part 45; 1993 (Fleme emission Photometric Method)	NA.	NA.
15	Sodium as No	mg/I	254.0	IS 3025 Part 45: 1993 (Fleme emission Photometric Method)	NA.	NA
16	Sulphore as SO4	mg/i	300,34	To 3025 Part 24 Sec 1: 2022(Turbidity Method): Yurbidity Method)	2011	400
17	Total dissolved solids	mg/l	1666.0	IS 3025 (Part 16): 1984	500	2000
18	Total Suspended Solids	mg/l	BLQ(LOQ:2.0)	IS 3025 (Part 17): 1984	NA.	NA.
19	Phosphorous as P	mg/l	81.Q(LOQ:0:02)	IS 3025 Part 31 Sec 1: 2022 (Stannous Chloride method)	NA	NA
20	Total hardness as CaCO3	mg/l	580.0	IS 3025 (Part 21): 2009	200	600
21	Turbidity, NTU	NTU	BLQ(LOQ.0.1)	IS 3025 (Part 10): 1984	- 3	5
22	Araenic	ing/I	BLQ (LOQ: 0.005)	USEPA 200.8:1994	0.01	No relaxation
23	Cadmium	ing/I	BLQ (LOQ: 0.001)	USEPA 200.8 : 1994	0.003	No relasation
24	Chromium	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8 : 1994	0.05	No relaxation
25	Copper	mg/I	BLQ (LOQ: 0.01)	USEPA 200.8 : 1994	0.05	1.3
26	Lend	mg/l	BLQ (LOQ: 0.005)	USEPA 2003. 1994	0.01	No relaxation



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ULR

: TC1231025000016887F

Report No.

- HE/CSL/WT/061/170325

Sample ID No

: 170325261

Sampling Date

: 16/03/2025

Address of the Client

: M/s, SIPCOT : Mambakkam

Group

1 Water

Received Date

17/03/2025

Sample Name

Ground Water

Commenced Date: 17/03/2025

Sample Mark

Completed On

: 07/04/2025

: NA

Report Date

= 87/04/2025

Sample Reference Sample Drawn By

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

Sample Qty

2 Litres

Sample Location Environmental Condition Near Anakaputhur

: Temperature (°C): 22.0 | Humidity (%): 45.0

Sampling Method & Plan

: IS 17614(Part-1):2021

S.Na.	Test Parameters	Units	Results	Test Method	15 1959	0:2012
					Acceptable Limits (Max)	Permissible Limits (Max)
27	Mercury	rog/l	8LQ (LOQ: 0.0005)	USEPA 200 8 : 1994	0.001	No relacation
28	Nickel	mg/l	BLQ (LOQ: 0,01)	USEPA 200 R - 1994	0.02	No relaxation
20	Zim	mart	BLQ (LOQ	USEPA 200.8 : 1994	- 3	13
30	Phrnotic compounds to C6H5OH	mg/t	BLQCLOQ-0.00	18 3025 Part 43 Sec 1 - 2022	0.001	0.002
31	Anionic Surface Active agents as MHAS	mg/l	BLQ(LOQ:0.05)	APHA 23rd edition (Method 5540 B , C): 2017	0.2	1
32	Percent Sodium	76	40.09	HECS /WT/SOP/002 = 2019	NA	NA
33	Barium	rng/l	BLQ (LOQ: 0.01)	USEPA 200.8: 1994	0.7	No relaxation
34	Residual Sodium Carbonste	meg/I	BLQ(LOQ:1.0)	IS 11624: 2019	0.2	1.0
35	Ammonia as NH3	mg/I	BLQ(LOQ:0.02)	IS 3025 Part 34:Sec 2: 2021 (Nesslerization Method)	0.5	No relaxation
36	Sedium Adsorption Ratio(SAR)	Square root of (millimole/ litre)	3.9	IS 11624 : 2019	NA	NA.
37	Dissalved oxygen	Dym	6.5	15 3025 (Part 38): 1989 (Titrimetric Method)	NA	NA



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BLE

TC1231025000016887F

Report No.

HECSL/WT/061/170325

Sample ID No.

: 170325261

Sampling Date

- 16/03/2025

Address of the Chent

Name of the Client

M/s. SIPCOT Mambakkam

Received Date

17/03/2025

- Ground Water

Commenced Date: 17/03/2025

Sample Mark : NA Completed On

: 07/04/2025

:NA

Water

Report Date

: 07/04/2025

Sample Reference Sample Drawn By

Group Sample Name

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

Sample Qty

2 Litres

Sample Location Environmental Condition Near Anakaputhur

: Temperature (°C): 22.0 | Humidity (%): 45.0

Sampling Method & Plan

: IS 17614(Part-1):2021

S.No.	Test Parameters	Units	Results	Test Method	IS 1950	0:3012
					Acceptable Limits (Max)	Permissible Limits (Mus)
38	Biological Oxygen Demand (BOD)@: 27°C For 3 days	Tgm	BLQ(LOQ:20)	IS 3025 Part 44: 1993	NA	NA
39	Chemical Oxygen Demand (COD)	mg/I	BLQ(LOQ:4.0)	IS 3025 Part 58: 2006	NA	NA
40:	Phosphare as PC4	Tigget.	9.053	75 3825 Part 31 Sec. 1: 2027.	764	NA
41	Selenium	Pum	BLO (LOO- 0.005)	126FPA 200 S - 1964	0.01	No relaxation
42	Manganese	Paper	BLQ (LOQ: 0.01)	USEPA 200.8: 1994	0.1	0.3
43	Total alkalisaty as CaCO3	rings/L	310.0	15 3025 (Part 23): 1986	200	600

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



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TEST REPORT

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Name of the Client M/s. SIPCOT Sa

Report No. = HECSL/WT/061/170325/N Sample ID No. = 170325261

Address of the Client Mambakkam Sampling Date : 16/03/2025

Sample Reference : NA Report Date : 07/04/2025
Sample Drawn By : M/s.Hubert Enviro cure Systems (P) Ltd. Sample Qty : 2 Litres
Sample Location : Near Anakaputhur

Sample Location - Near Anakaputhur
Environmental Condition : Temperature (°C) : 22.0 | Humidity (%) : 45.0
Sampling Method & Plan : 1S 17614(Part-1):2021

S.No. Text Parameters Units Results Test Method

Discipline: Chemical

Hexavalent Chromum as Cris+ ing/1 BLQ(LOQ-0.01) IS 3025 Part 52 Classe 6: 2003

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

"End of Report"



D.Amsuya Lab Manager Authorized Signatury

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HECS-G/O/FMT/40

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TEST REPORT

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ULR : TC1231025000016888F

Report No. : HECSL/WT/062/170325

17/03/2025

: 07/04/2025

07/04/2025

2 Litres

Sample ID No : 170325262 Sampling Date : 16/03/2025

Commenced Date: 17/03/2025

Received Dane

Completed On

Report Date

Sample Qty

Address of the Client : Mambakkam

Group - Water

Sample Name : Ground Water

Sample Mark : NA Sample Itelerence : NA

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

Sample Location - Near Kunnam

Environmental Condition | Temperature (°C): 23.0 | Humidity (%): 46.0

: M/s. SIPCOT

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

S.Na.	Test Parameters	Unio	Hexults	Test Mathod	2S 1050	0:2012
					Acceptable Limits (Max)	Permissible Limits (Max)
Disci	pline : Chemical					
t	Bi carbonate	mg/t	280.6	IS 3025 Part 51: 2001	NA.	NA.
2	Horon as H	mg/1	BLQ(LOQ:0.1)	IS 3025 Part 57 - Curcuntin Method: 2021	0.5	2.4
	Calcium un Ca	mg/l	68,14	IS 3625 Part 40: 1991(EDTA Titramena: Method)	73-	200
4	Carbonate	mg/t	BLQ(L0Q:1.0)	15 3025 Part 51, 2001	NA:	NA.
5	Chloride as CI	mg/l	123,72	8S 3023 Part 32: 1988 (Argentometric Method)	250	1000
6	Cyanide as CN	mg/l	BLQ(LDQ:0.01)	IS 3025 Part 27 Sec 1: 2021	0.05	No relaxation
7	Electrical Conductivity at 25°C	μS/cm	1072.0	IS 3025 Part-14: 2013	NA	NA
8	Fluoride as F	mg/T	0.38	APILA 23rd edition (Method 4500F- B , D): 2017	1.0	1.5
9	Iron as Fe	llym:	0.047	IS 3025 (Part 53): 2003	1.0	No relaxation
10	Magnesium as Mg	Dyen	51.03	IS 3025 Part 46: 1994 (Valumetric Method using EDTA)	30	100
11	Nitrate as NO3	Pages	3.87	APEA 23rd edition (Method 4500 NO3B): 2017	45	No relaxation
12	Odour		Agrecable	IS 3025 (Part 5): 2018	Agrecable	Agrocable
13	pH at 25°C		8.03	25 3025(Part 11) : 2022 (Electrometric method)	6.5-11.5	No relexation



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TEST REPORT

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ULR

= TC1231025000016888F

Report No.

HECSL/WT/062/170325

Sample ID No.

: 170325262

Sampling Date

: 16/03/2025

Address of the Client

: Mambakkam

M/s. SIPCOT

: 17/03/2025

Group Sample Name 1 Water : Ground Water Received Date

Commenced Date: 17/03/2025

Sample Mark

Completed On

: 07/04/2025

= NA

Report Date

= 07/04/2025

Sample Reference

INA

Sample Drawn Hy

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

Sample Qty

2 Litres

Sample Location Environmental Condition Sampling Method & Plan Near Kunnam

: Temperature (°C) : 23.0 | Humidity (%) : 46.0

: IS 17614(Part-1):2021

S.No.	Test Parameters	Units	Results	Test Method	IS 1050	0:2012
	J. J	100			Acceptable Limits (Max)	Permissible Limit (Max)
14	Potassium as K	mg/t	6.0	IS 3025 Part 45: 1993 (Fieme emission Photometric Method)	NA.	NA
15	Sodium as Na	mg/l	55.0	IS 3025 Part 45: 1993 (Fleme emission Photometric Method)	NA.	NA
16	Sulphate as SO4	Ради	85,72	25 3025 Part 24 Sex 1, 2022(Terbelity Method): Furbelity Method)	200	400
17	Total dissolved solids	mg/l	549.0	2S 3025 (Part 16): 1984	500	2000
18	Total Suspended Solids	mg/l	BLQ(LOQ:2.0)	8S 3025 (Part 17), 1984	NA	NA NA
19	Phosphorous as P	Pgm	BLQ(LOQ:0.02)	IS 3025 Part 31 Sec 1: 2022 (Stannous Chloride method)	NA.	NA
20	Total hardness as CaCO3	Pigm	380.0	IS 3025 (Part 21): 2009	200	608
21	Turbidity, NTU	NTU	BLQ(LOQ:0.1)	IS 3025 (Part 10): 1984	J.	5
22	Arsenic	mg/I	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.01	No retreation
23	Cadmium	mg/l	BLQ (LOQ: 0.001)	USEPA 200.8 : 1994	0.003	No relexation
24	Chromium	mg/l	BLQ (LOQ: 0.01)	USEPA 200 8 : 1994	0.05	No relaxation
25	Copper	mg/l	BLQ (LOQ: 0.01)	USEPA 200 E - 1994	0.05	1.5
26	Lead	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.01	No relaxation



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Name of the Client

TEST REPORT

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ULR

: TC1231025000016888F

Report No.

HECSL/WT/062/170325

Sample ID No

: 170325262

Sampling Date

: 16/03/2025

Address of the Client

: Mambakkam

: M/s. SIPCOT

Received Date : 17/03/2025

Sample Name

Water
Ground Water

Commenced Date: 17/03/2025

Sample Mark

Green

: NA

Completed On : 07/04/2025

Sample Reference : NA

Report Date

07/04/2025

Sample Reference Sample Drawn By

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

Sample Qty

07/04/2025

Sample Location

Near Kunnam

n an consult of the consultation

....

: Temperature (°C): 23.0 | Humidity (%): 46.0

Environmental Condition Sampling Method & Plan

: IS 17614(Part-1):2021

S.No.	Test Parameters	Lietts	Results	Test Method	18 1050	0 : 2012
				110000000000000000000000000000000000000	Acceptable Limits (Max)	Permissible Limit (Max)
27	Mercury	Paper	BLQ (LOQ: 0.0005)	USEPA 200.E : 1994	0.001	No relaxation
28	Nickel	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8 : 1994	0.02	No relaxation
76	Zim	ng/i	REQ-(EDQ: 0.01)	USEPA 200.8 1994	12	15
30	Phrestic compounds as C6H5OH	Tight.	BLQ(LDQ:0.00	15-3025 Part 43 Sec 1: 2022	100.0	0.902
31	Amonic Surface Active agents as MBAS	Dgnt	BLQ(LDQ:0.05)	APHA 23ed edition (Method 5540 B , CJ: 2017	0.2	1
32	Percent Sodium	56	23.43	HECS /WT/SOP/002:: 2019	NA.	NA
33	Barium	ngt	BLQ (LOQ: 0.01)	USEPA 200.8:1994	0.7	No relaxation
34	Residual Sodium Carbonate	meq/I	BLQ(LOQ:1.0)	8S 11624; 2019	0.2	1.0
35	Ammonia as NH3	Figure	BLQ(LOQ:0.02)	IS 3025 Part 34:Sec 2, 2021 (Newferization Method)	0.5	No relaxation
36	Sodium Adsorption Ratio(SAR)	Square root of (millimole/ litre)	1.2	8S 11624 : 2019	NA	NA.
37	Dissolved oxygen	Ng/I	6.5	IS 3025 (Part 38): 1989 (Timineses: Method)	NA	NA.



D.Anusuya Lab Manager

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Name of the Client

TEST REPORT

Page: 4 of 4

ULR TC1231025000016888F

Report No. : HEC5L/WT/062/170325

Sample ID No : 170325262 Sampling Date : 16/03/2025

Address of the Client : Mambakkam

Water Group Sample Name Ground Water

Sample Mark = NA Sample Reference : NA

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

Environmental Condition Temperature (°C): 23.0 | Humidity (%): 46.0

: M/s. SIPCOT

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

Received Date = 17/03/2025 Commenced Date: 17/03/2025 Completed On 107/04/2025

Report Date 07/04/2025 Sample Qty 2 Litres

S.No.	Test Parameters	Eleits	Hesolts	Test Method	TS 18589 : 2812		
					Acceptable Limits (Max)	Permissible Limit (Max)	
38	Biological Oxygen Demand (BOD)(d 27°C For 3 days	mg/I	BLQ(LOQ:2.0)	IS 3025 Pirt 44: 1993	N.A.	NA	
39	Chemical Oxygen Demand (COD)	mg/l	BLQ(LOQ4.0)	IS 3025 Part 58: 2006	NA .	NA	
(1)	Phosphare as PO4	mp/i	BLQ(LOQ:0.02)	19 3075 Part 31 Sec 1: 2023	NA	HA	
41	Selenium	0107	BLQ (LOQ: 0.005)	L/SEPA 200.8 : 1994	0.00	Naveleanion	
42	Manganese	T\gm	BLQ (LOQ: 0.01)	USEPA 200.8 : 1994	0.1	0.3	
43	Total alkalinity as CaCO3	mg/l	230.0	IS 3025 (Part 23): 1986	200	-600	

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



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

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TEST REPORT

Page: 1 of t

Report No. : HEC

Commescud Date: 17/03/2025

Completed On : 07/04/2025

: HECSL/WT/062/170325/N

Sample ID No.

: 170325262

Sampling Date

Received Date

Report Date

Sample Qty

16/03/2025

77/03/2025

07/04/2025

2 Litres

Address of the Client

Name of the Client

: Mambakkam

: M/s. SIPCOT

Ceroup

S.No.

Water

Sample Name

Ground Water

Sample Mark

: NA : NA

Sample Reference Sample Drawn By

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

Sample Lucation

: Near Kunnam

Environmental Condition Sampling Method & Plan : Temperature (°C): 23.0 | Humidity (%): 46.0

Limits.

: IS 17614(Part-1):2021

 Results	Test Method
	ten ottiene

Discipline : Chemical

1 Hesavulent Chromaum as Cr6+

Test Parameters

mg/l

BLQ(LOQ:0.01)

IS 3025 Part 52 Clause 6: 2003

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

""End of Report"



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TEST REPORT

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ULR

: TC1231025000016874F

Steport No.

: HECSL/WT/063/170325

Sample ID No

: 170325263

Sampling Date

- 16/03/2025

Address of the Client

: Mambakkam

: M/s, SIPCOT

Water

Received Date

: 17/03/2025

Sample Name

Surface Water

Commenced Date: 17/83/2825

Sample Mark

Completed On

105/04/2025

: NA

Report Date

= 05/04/2025

Sample Reference:

INA

Sample Drawn By

: M/x.Hubert Enviro care Systems (P) Ltd. Pond Near Anakaputhur

Sample Qty.

2 Litres

Sample Location Environmental Condition

: Temperature (°C): 23.0 | Humidity (%): 46.0

Sampling Method & Plan

: IS 17614(Part-1):2021

S.Na.	Test Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
Discip	line : Chemical				
1	Total alkalimity as CaCO3	rigg/I	95.0	IS 3025 Part 23: 1986	NA
2	Bi carbonate	mg/I	115.9	IS 3025 Part 51: 2001	NA.
3	Biological Oxygen Demand (BOD)(g: 27°C For 3 sleys	oy/i	2.0	IS 3025 Part 44: 1993	30
4	Boron as II	ang/i	BLQGOQUET	18-3025 Part 57; 2021 (Carcumin Method)	No
5	Calcium as Ca	Tgm	24.05	IS 3025 Part 40: 1991 (EDTA Titrimetric Method)	NA
6-	Chemical Oxygen Demand (COD)	mg/l	20.0	IS 3025 Part 58: 2006	250
7	Chloride as Cl	mg/l	49.45	3S 3025 Part 32; 1988 (Argemonetric Method)	NA
×	Colour	Hazen units	BLQ(LOQ:1.0)	85 3025 Part 4: 2021	NA
9	Dissolved oxygen	mg/l	6.1	IS 3025 Part 38: 1989	NA
10	Electrical Conductivity at 25°C	µS/cm	380.0	IS:3025 Part 14: 2013	NA
11	Fluoride as F	Pager	0.26	APHA 23rd edition Method 4500 F -8,D: 2017	2.0
12	bun as Fe	mg/l	0.061	IS 3025 Part 53: 2003	3.0
13.	Nitrate as NO3	mg/l	4.12	APHA 23rd edition Method 4500 NG3B: 2017	NA



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Name of the Client

TEST REPORT

Page: 2 of 4

ULR

: TC1231025000016874F

Report No. Sample ID No = HECSL/WT/063/170325

Received Date

Completed On

Report Date

Sample Oty-

: 170325263

Sampling Date

Commenced Date: 17/03/2025

- 16/03/2025

= 17/03/2025

105/04/2025

1 05/04/2025

2 Litres

Address of the Client

: Mambakkam

: M/s. SIPCOT

Group

- Water

Sample Name

Surface Water

Sample Mark

: NA

Sample Reference

Sample Draws By Sample Location : M/s.Huhert Enviro care Systems (P) Ltd.

Pond Near Anakaputhur

: Temperature (°C): 23.0 | Humidity (%): 46.0

Sampling Method & Plan

Environmental Condition

: 1S 17614(Part-1):2021

S.Na.	Test Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
14	Marganese:	mg/I	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 as PO4	100	0.083	APHA 23rd edition Method 4500-P BJD: 2017	NA.
17	el{ at 25°C	E	7.26	IS 3825 Part 11: 2022 (Electrometric Method)	5.5 - 9.0
18	Total dissolved solids	mg/l	297.0	IS 3025 Part 16: 1984	NA.
19	Carbonate	mg/l	BLQ(LOQ:1.0)	1S 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	mg/l	8.51	IS 3025 Part 46: 1994 (Valumetric Method using EDTA)	NA
22	Potassium as K	Tym	4.0	IS 3025 Part 45; 1993	NA.
23	Sodium as Na	mg/l	38.0	IS 3025 Part 45: 1983	NA.
24	Sulphate as SO4	mg/t	8.12	IS 3025 Part 24 Sec 1: 2022	NA NA
25	Phenolic compounds as C6H5OH	mg/t	BLQ(LOQ:0.001)	IS 3025 Part 43:Sec 1: 2022	1.0
26	Amonic Surface Active agents as MBAS	mg/l	BLQ(LOQ:0.05)	APHA 23rd edition Method 5540 B ; C: 2017	NA NA



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Name of the Client

TEST REPORT

Page: 3 of 4

ULR

: TC1231025000016874F

Report No.

- HECSL/WT/063/170325

Sample ID No.

: 170325263

Sampling Date

: 16/03/2025

Address of the Client

Water

1 M/s. SIPCOT

: Mambakkam

Received Date : 17/03/2025

Sample Qty

Sample Name

Surface Water

Group

Commenced Date: 17/03/2025 1 05/04/2025

Sample Mark Sample Reference : NA

Complexed On

: NA

Report Date 05/04/2025

Sample Drawn By

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

2 Litres

Sample Location Environmental Condition : Pood Near Anakaputhur

: Temperature (°C): 23.0 | Humidity (%): 46.0

Sampling Method & Plan

: 15 17614(Part-1):2021

S.Na.	Test Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
27	Percent Sodium	16	45.07	HECSG /WT/SOP/002 home No.01, Issue date 18.12: 2021	NA.
28.	Barium	mg/t	BLQ (LOQ: 0.01)	USEPA 200 8 : 1994	NA
29	Residual Sudium Carbonate	mg/L	HLO(LOQ-1.0)	ES 11624: 2019	NA
30	Amenonia au NH3	ing/l	0.26	15: 3025 Part 34 Sec 2: 2021	50
31	Sodium Adsorption Ratin(SAR)	Square ries of (millimote/ litre)	3,69	ES 11624: 2019	NA
32	Total Hardness as CaCO3	ing/l	NO.0	IS 3025 Part 21: 2009	NA.
33	Total Phosphorous as P	mg/I	0.03	IS 3025 Part 31 Sec 1: 2022	NA
34	Total Suspended Solids	mg/l	2.0	IS 3025 Part 17: 1984	100
35	Turhidity	NTU	0.9	IS 3025 Part 10: 1984	NA.
36	Arsenic	Лдп	BLQ (LOQ: 0.005)	USEPA 200.8: 1994	0.2
37	Cadmium	Figur	BLQ (LOQ: 0.001)	USEPA 200.8 : 1994	3.0
38	Chromium	mg/l	BLQ (LOQ: 0.01)	USEPA 200.8: 1994	2.0
39	Copper	Pgm:	BLQ (LOQ: 0.01)	USEPA 200.8 : 1994	3.0



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TEST REPORT

Page: 4 of 4

ULR

: TC1231025000016874F

Report No.

: HECSL/WT/063/170325

Sample ID No

170325263

Sampling Date

: 16/03/2025

Address of the Client

: Mambakkam

: Mo. SIPCOT

Received Date

: Water Surface Water

1 17/03/2025

Sample Name

Commenced Date: 17/03/2025

Sample Mark

Completed On

: 05/04/2025

: NA

Report Date

: 95/94/2025

Sample Reference

INA

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

Sample Qty

2 Litres

Sample Drawn By Sample Location

Pond Near Anakaputhur

Environmental Condition

: Temperature (°C): 23.0 | Humidity (%): 46.0

Sampling Method & Plan.

: IS 17614(Part-1):2021

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	пул	BLQ (LOQ: 0.0005)	USEPA 200.8 : 1994	0.01
42.	Nickel	mg/l	BLQ (LOQ: 0.00)	USEPA 2003: 1994	3.0
43	Zinc	Ing/I	BLQ (LOQ: 0.01)	USEPA 200.8:1994	5.0

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



D.Anusuva Lab Manager Authorized Signatory

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HECS_CONSTITUTES. HECS-G/Q/FMT/049 Hubert Enviro Care Systems (P) Ltd. 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

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TEST REPORT

Page: 1 of 1

Report No.

- HECSL/WT/063/170325/N

Sample ID No

170325263

Sampling Date

Received Date

Completed On

Report Date

Sample Qty

16/03/2025

17/03/2025

: 05/04/2025

- 05/04/2025

2 Litres

Commenced Date: 17/03/2025

Address of the Client

Name of the Client

: M/s. SIPCOT : Mambakkam

Group

Water

Sample Name

: Surface Water

Sample Mark

: NA

Sample Reference

:NA

Sample Drawn By Sample Location

1 M/s. Hubert Enviro cure Systems (P) Ltd. Pond Near Anakaputhur

Environmental Condition Sampling Method & Plan

: Temperature (°C): 23.0 | Humidity (%): 46.0

: IS 17614(Part-1):2021

S.No.	Test Parametees	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
Discip	line : Chemical				
I	Hexavalent Chromium as Cr6+	mg/L	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 Renort***



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TEST REPORT

Page: 1 of 4

ULR : TC1231025000016875F

Report No. : HECSL/WT/064/170325

: 17/03/2025

: 05/04/2025

: 05/04/2025

2 Litres

Sample ID No. : 170325264

Received Date:

Completed On

Report Date

Sample Qty

Sampling Dinc - 16/03/2025

Commenced Date: 17/83/2025

Address of the Client : Mambakkam

Water

Sample Name Surface Water

Sample Mark : NA Sample Reference : NA

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

: M/s, SIPCOT

Sample Location Thenneri Lake

Environmental Condition : Temperature (°C): 23.0 | Humidity (%): 46.0

Sampling Method & Plan : 15 17614(Part-1):2021

S.No.	Test Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule-VI)
Discip	line : Chemical				
t.	Total alkalimity as CaCO3	eng/T	180.0	TS 3025 Part 23: 1986	NA.
2	Bi carbonate	mg/I	219.6	IS 3025 Part 51: 2001	.NA
ř	Hiological Oxygen Demand (BOD)(i) 27°C For 3 days	mg/l	BLQ(LOQ:2.0)	IS 3625 Part 44, 1993	30
4	Hoton as li	ing/i	BLQLDQui	15 3025 Part 53: 2021 (Curcumin Method)	NA
5	Calcium au Ca	mg/l	29.05	IS 3025 Part 40: 1991(EDTA Titrimetric Method)	NA
6	Chemical Oxygen Demand (COD)	mg/l	8.0	IS 3025 Part 58: 2006	250
7	Chloride as Cl	mg/l	94.02	IS 3025 Part 32: 1988 (Argentometric Method)	NA
5.	Colour	Hazen units	BLQ(LOQ:1.0)	IS 3025 Part 4: 2021	NA
Q.	Dissolved oxygen	mg/l	6.2	8S 3025 Part 38: 1989	NA
10	Electrical Conductivity at 25°C	µS/cm	841.0	IS:3025 Part 14: 2013	NA.
1.1	Fluoride as F	mg/l	0.39	APHA 23rd edition Method 4500 F -BJD: 2017	2.0
12	fron as Fe	Pagni	0.053	IS 3025 Part 53: 2003	3.0
13	Nitrate as NO3	Figm	2.34	APHA 23rd edition Method 4500 NO3B: 2017	NA.



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TEST REPORT

Page: 2 of 4

ULR

: TC1231025000016875F

Report No.

HECSL/WT/064/170325

Sample ID No

: 176325264

Sampling Date

Received Date

Completed On

Report Date

Sample Oty

: 16/93/2025

= 17/03/2025

: 05/04/2025

05/04/2025

2 Litres

Commenced Date: 17/03/2025

: Mambakkam

: M/s. SIPCOT

Address of the Client

Name of the Client

Group

Water

Sample Name

Surface Water

Sample Mark

: NA

Sample Reference

: NA

Sample Drawn By

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

Sample Location

: Thenneri Lake

Environmental Condition

: Temperature (°C): 23.0 | Humidity (%): 46.0

Sampline Method & Plan

: IS 17614(Part-1):2021

S.Na.	Test 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
15	Selenium	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.05
6	Phosphate as PO4	2007	Brûtuûsmi	APHA 73rd edition Method 4500-P 81,D: 2017	N.A
17	pH at 25°C		7.16	IS 3825 Part 11: 2022 (Electrometric Mcthod)	5.5 - 9.0
18	Total dissolved solids	rgm	438.0	IS 3025 Part 16: 1984	NA.
19	Carbonite	mg/l	BLQ(LOQ:1.0)	15 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	mg/l	9.72	IS 3025 Part 46: 1994 (Valumetric Method using EDTA)	NA
22:	Potassium as K	mg/l	10.0	IS 3025 Part 45; 1993	NA:
23	Sodium as Na	mg/l	112.0	IS 3025 Part 45: 1983	NA.
24	Sulphnie as SO4	figm.	59.87	1S 3025 Part 24 Sec 1: 2022	NA.
25	Phenolic compounds as C6H5OH	mg/l	BLQ(LOQ:0.001)	15 3025 Part 43:Sec 1: 2022	1.0
26	Ansonic Surface Active agents as MBAS	mg/l	BEQ(LOQ:9.05)	APHA 23rd edition Method 5540 B . C: 2017	NA:



D.Amusuya Lab Manager Authorized Signatory

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Address of the Client

TEST REPORT

Page: 3 of 4

ULR

: TC1231025000016875F

Repuirt No.

- HECSL/WT/064/170325

Sample ID No.

: 170325264

Sampling Date

: 16/03/2025

: Mambakkam

: M/s. SIPCOT

Received Date

1 17/03/2025

Group Sample Name Water

: Surface Water

Commerced Date: 17/03/2025

Sample Mark

Completed On

: 05/04/2025

: NA

Report Date

: 05/04/2025

Sample Reference

INA

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

Sample Qty

2 Litres

Sample Drawn By Sample Location

: Thenneri Lake

Environmental Condition Sampling Method & Plan-

: 1S 17614(Part-1):2021

: Temperature (°C): 23.0 | Humidity (%): 46.0

S.Nu.	Test Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
27	Percent Sodium	%	66.36	HECSG /WT/SOI/002 Insue No.01, Issue date 18.12: 2021	NA
28	Harium	Pages	BLQ (LOQ: 0.01)	USEPA 200.ff : 1994	NA
29	Residual Sodium Carbonate:	Pogen	1.39	15.11624: 2019	NA.
30	Animonia as 3913	Pggm	0.19	\$5,3025 Part 34 Soc 2; 2021	.50
71.	Sodium Adsorption Patio(SAR)	Square root of (millimole /fitre)	4.63	IS 11624, 2019	NA.
32	Total Hardness as CaCO3	mg/t	110.0	15:3025 Part 21: 2009	NA
33	Total Phosphorous as P	rug/t	0.033	ES 3025 Part 31 Sec 1: 2022	NA
34	Total Suspended Solids	mg/l	2.0	IS 3025 Part 17: 1984	100
35	Turbidity	NTU	0.7	IS 3025 Part 10: 1984	:NA
36	Arsenic	Figure	BLQ (LOQ: 0.005)	USEPA 200.II: 1994	0.2
37	Cudmium	Pager	BLQ (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	mg/l	BLQ (LOQ: 0.01)	USEPA 200.II: 1994	3.0



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TEST REPORT

Page: 4 of 4

ULR

TC1231025000016875F

Report No.

: HECSL/WT/064/170325

Sample ID No

: 170325264

Sampling Date

Received Date

Completed On

Report Date

Sample Ory

16/03/2025

: 17/03/2025

: 05/04/2025

: 05/04/2025

2 Litres

Commenced Date: 17/03/2025

Address of the Climt

Name of the Client

: M/s. SIPCOT : Mandrakkam

Group

: Water

Sample Name

Surface Water

Sample Mark

TNA

Sample Reference

: NA

Sample Drawn By

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

Sample Location Environmental Condition Thenneri Lake

: Temperature (°C): 23.0 | Humidity (%): 46.0

Sampling Method & Plan

: IS 17614(Part-1):2021

S.Na.	Test Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
40	Lend	mg/l	BLQ (LOQ: 0.005)	USEPA 200.8 : 1994	0.1
41	Mercury	mg/l	BLQ (LOQ: 0.0005)	USEPA 200.8 1994	0.01
42	Nidof	Pgm	BLQ (LOQ: 0.01)	USEPA 200.8 - 1994	3.0
43	Zisc	Pget 1	HLQ (LOQ-0.01)	USEPA 200.5 - 1994	5.0

Note:- BLQ : 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: 1 of 1

Report No.

FRECSL/WT/064/170325/N

Sample ID No

: 170325264

Sampling Date

+16/03/2025

Address of the Client

Name of the Climt

: Mambakkam

: M/s. SIPCOT

Received Date

= 17/03/2025

Group Sample Name Water

Surface Water

Commenced Date: 17/03/2025

Sample Mark

: NA

Completed On

: 05/04/2025

Sample Reference:

Report Date

- 05/04/2025

Sample Drawn By

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

Sample Qty.

2 Litres

Sample Location **Environmental Condition** Thenneri Lake

: Temperature (°C): 23.0 | Humidity (%): 46.0

Sompling Method & Plan

: IS 17614(Part-1):2021

S.Na.	Test Parameters	Units	Results	Test Method	Inland Surface water Standards (Schedule -VI)
Discip	oline : Chemical				-01.
1	Hexavident Chromium as Crb+	mg/T	BLQ(LOQ:0.01)	IS 3025 Part 52 Clause 6: 2003	0.1

Note:- BLQ : Below the Limit of Quantification, LOQ: Limit of Quantification, mg/l: milligram per l.itrv, % - Percentage. section of Generaless



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Name of the Client

TEST REPORT

Page: 1 of 2

ULR

: TC1231025000016837F

Report No.

: HECS/PE/067/170325

Sample ID No.

: 170325265

Sampling Date

Received Date

Completed On

Report Date

Sample Oty

Commenced Date: 17/03/2025

: 16/03/2025

17/03/2025

- 05/04/2825

: 05/04/2025

-1 Kg

: Mambakkam

Address of the Client

- M/s. SIPCOT

Pollution & Environment

Sample Name

Sample Mark

: NA

Sample Reference

INA

Sample Drawn By

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

Sample Location

: Project Site:

Environmental Condition Sampling Meth

A contraction of	- remberature (.c.): xavi	1 transments (50): 329
hod & Plan	: ICARDA : 2013	
	and the second state of th	1/4

S.No.	Test Parameters	Units	Results	Test Method
Discip	dine : Chemical			
	Cadmium	mg/Kg	HLQ (LOQ: 0.1)	HECS-G/INS/SOP/ 042 have No.:01 base Date:01.03.2021
2	Chromium	mg/Kg	25,55	HECS-G/INS/SOP/042 Jense No. 01 Issue Date:01-03-2025
1	Copper	ту/Кр	47.85	HECS-G/INS/SOW 042 hour No.01 hour Date:01.03.2021
1	Em:	mg/kg	131	HECS G/INS/SOP: 042 hour No. 01 hour One 01.03.3021
5	Soil Texture	-	Clay loam	FAO of United Nations, Rame Chapter III 2008
6	Soil Texture ()Sunf	%	24.6	FAO of United Nations, Rome Chapter III 2008
7	Soil Testure ii)Silt	16	41.2	FAO of United Nations, Rome Chapter IR 2008
K	Soil Texture iii)Clay	%	342	FAO of United Nations, Rome Chapter III 2008
0	pH Value @ 25 ° C (1 : 2.5)		7.69	IS 2720 (Part 26) 1987
10	Electrical conductivity @ 25 ° C (1 : 2)	µS/cm	210.0	IS 14767-2000
11	Bulk Density	gm/cm3	0.98	FAO of United Nations Rome 2007
12	Organic Carbon	56	0.39	IS 2720 (Part 22) Section 1 1972
13	Organic Matter	%	0.62	3S 2720 (Part 22) Section I 1972



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TEST REPORT

Page: 2 of 2

ULR

: TC1231025000016837F

Report No.

HECS/PE/067/170325

Sample ID No.

: 170325265

Sampling Date

: 16/03/2025

Address of the Client

Name of the Client

: M/s. SIPCOT Mambakkam

Received Date

Commerced Date: 17/03/2025

17/03/2025

Pollution & Environment

Sample Name

: Sull

05/04/2025

Sample Mark

Groun

Completed On

: NA : NA

Report Date

85/04/2025

Sample Reference Sample Down By

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

Sample Qty

-1 Kg

Sample Location

: Project Site

Environmental Condition Sampling Method & Plan

* Temperature (°C) : 29.0 | Humidity (%) : \$5.0

: ICARDA : 2013

S.No.	Test Parameters	Units	Results	Test Method
14	Available Phosphorosa as P	a'a u	BLQ(LOQ 5:0)	FAO of United Nations, Rome Chapter III 2008
15	Available Potassium	mEq/100g	10,14	FAO of United Nations, Rome Chapter III 2008
16	Boron as B	mg/kg	BLQ(LOQ 0.1)	HECS-G/ENV/SSW/SOP/018 haue No.01 fisue Date:02:07 2020
17:	Total Nitrogen in N	15	0.0115	(S. 14084 Chinic 4: 1999)
18	Evehangsble Calcium so Ca	mfiqit	16.70	EAO of United Nations, Moreor Chapter III 2000
19	Exchangable Magnesium as Mg	mEq/L	12.49	FAO of United Nations, Roose Chapter III 2008
20	Cation Exchange Capacity	milq/100g	3.0	IS 2720 (Part 24) Clause 5 1976
21	Water Holding capacity	%	18.4	IS 14765: 2000
22	Colour	2.00	Black	HECS-G/ENV/SSW/SOP/011 Issue No.91 Issue Date:92:07: 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: 1 of 1

Report No.

1 HECS/PE/067/170325/N

Sample ID No.

: 170325265

Sampling Date

: 16/03/2025

Address of the Client

Name of the Client

: Mambakkam

: M/s. SIPCOT

Group

Pollution & Environment

Received Dine

17/03/2025

Sample Name

: Soil

Commenced Date: 17/03/2025

Completed On

05/04/2025

Sample Mark

: NA

Report Date

05/04/2025

Sample Reference

: NA

1 Kg

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

Sample Qty

Environmental Condition

: Project Site

: Temperature (°C): 29.0 | Humidity (%): 55.0

Sampling Method & Plan

: ICARDA : 2013

S.Na.	Test Parameters	Units	Results	Test Method
Discip	iline : Chemical			7.0
į.	Moistore	**	4.58	No. 81 Issue Date 02:07: 2020
2	Marganese	mg/kg	150.68	HECS-G/INS/SOP/ 042
1	tron	mg/kg	3.38	Inference method
d	Infiltration Rate		0.0	Mirror method

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

End of Report



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TEST REPORT

Page: 1 of 2

ULR

TC1231025000016838F

Report No.

: HECS/PE/068/170325

Sample ID No

: 170325266

17/03/2025

: 05/04/2025

05/04/2025

1 Kg

Commenced Date: 17/03/2025

Sampling Date

Received Date

Completed On

Report Date

Sample Qty

: 16/03/2025

Address of the Client : Mambakkam

Grungs

Pollution & Environment

Sample Name

Soil

Sample Mark

: NA

Sample Reference

INA

Sample Drawn By.

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

Sample Location

Anakaputhur

Environmental Condition Sampling Method & Plan

: M/s. SIPCOT

: ICARDA : 2013

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

S.No.	Test Parameters	Units	Results	Test Method
Discip	line : Chemical			.0
1	Cadmium	mg/Kg	BLQ (LOQ: 0.1)	HECS-G/INS/SOP/ 042 Issue No. 91 Issue Date:01.03.2021
2	Chromium	mg/Kg	32.83	HECS-G/INS/SOP/042 Issue No. 61 Issue Date:61.03.2021
3	Copper	mg/Kg	43.17	HECS-G/INS/SOP 942 hour No. 01 hour Date(01.03.2021
-	Zinc	mg/kg.	4.20	HEX:S-G/INS/SORV (H2 base No. 0) base Date:01.03.2021
5	Soil Texture		Clay	FAO of United Nations, Rome Chapter III 2008
6	Soil Texture i)Sand	*	17.8	FAO of United Nations, Roose Chapter III 2008
7	Soil Texture ii)Sili	16	26.4	FAO of United Nations, Rome Chapter III 2008
K	Soil Texture iii)Clay	%	55.8	FAO of United Nations, Rome Chapter III 2008
9	pH Value @ 25 ° C (1 : 2.5)		7.91	IS 2720 (Part. 26) 1987
10	Electrical conductivity (i) 25 " C (1 : 2)	µS/cm	670.0	IS 14767: 2000
11	Bulk Demity	gm/cm3	0.99	FAO of United Nations Rome 2007
12	Organic Carbon	%	0.36	IS 2720 (Part 22) Section 1 1972
13	Organic Matter	%	0.62	85 2720 (Part 22) Section 1 1973



D.Апимиуя Lab Manager Authorized Signatory

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TEST REPORT

Page: 2 of 2:

ULR

: TC1231025000016838F

Report No.

- HECS/PE/068/170325

Sample ID No

: 170325266

Address of the Client

Name of the Client.

: M/s. SIPCOT

Sampling Date

16/03/2025

Group

: Mambakkam

Pollution & Environment

Received Date : 17/03/2025

Sample Name

- Soil

Commenced Date: 17/03/2025

Completed On

: 05/04/2025

Sample Mark

: NA

Report Date

-05/04/2025

Sample Reference

INA

Sample Drawn By

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

Sample Oty.

Sample Location

Anakaputhur

1 Kg

Environmental Condition Sampling Method & Plan

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

: ICARDA: 2013

S.No.	Test Parameters	Units	Results	Test Method
14	Available Phosphorous as P	h@/g	NLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter 811 2008
15	Available Potassium	mEq/100g	12,74	FAO of United Nations, Rome Chapter III 2008
16	Boron as B	nog/kg	BEQ(LOQ 0.1)	HECS-G/ENV/SSW/SOIV018 Ione No. 01 Issue Date 02:07 2020
17.	Total Nimigen as N	%	0.0105	IS 14684 Chape 4 1999
15	Exchangable Calcium na Ca	mtiq-L	7.05	FAD of United Motions, Rome Chapter in 2008
19	Exchangable Magnesium as Mg	mEq/L	15.90	FAO of United Nations, Rome Chapter III 2008
20	Cation Exchange Capacity	mEq/100g	2.3	IS 2720 (Purt 24) Clause 5 1976
21	Water Holding capacity	56	19,5	IS 14765: 2000
22	Colour		Brown	HECS-G/ENV/SSW/SOP/011 Issue No.01 Issue Date:02:07: 2020

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



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 unless of otherwise mentioned. 3. Unless specifically requested by customer the test items will not be related more than 15 days from the date of issue of test report. 4. Under no circumstances tab accepts any biolidity or loss? damage crossed by use or estable of test report after invoicing or issue of test report. 5. The test results relate only to the test items.

HECS-C/OFMT/049 HECS-G/O/FMT/049

Hubert Enviro Care Systems (P) Ltd. 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

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TEST REPORT

Page: Lef I

Report No.

Commerced Date: 17/03/2025

HECS/PE/068/178325/N

Sample ID No

: 170325266

Sampling Date

Received Date

Completed On

Report Date

Sample Oty.

: 16/03/2025

17/03/2025

: 05/04/2025

1 Kg

: 05/04/2025

Address of the Client

Name of the Client

: Mambakkam

M/s. SIPCOT

Circoop

Pollution & Environment

1 Soil

Sample Name

: NA

Sample Mark

: NA

Sample Reference Sample Drawn By

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

Sample Location Environmental Condition Saveding Method & Plan

: Anakaputhur

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

: ICARDA : 2013

S.No.	Test Parameters	Units	Results	Test Method
Discip	oline : Chemical			
	Monture	*6	13.58	No. 01 Issue Date 02:07: 2020
2	Manganese	tog/kg	116.10	HECS-G/INS/90P/ 042
1	Iron	rop/kg	7.25	Inhouse method
t	Infiltration Water		0.4	Anhistone menthrid

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

End of Report



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TEST REPORT

Page: Lof 2

ULR

: TC1231025000016839F

Report No.

- HECS/PE/069/170325

Sample ID No.

170325267

17/03/2025

05/04/2025

05/04/2025

-1 Kg

Commenced Date: 17/03/2025

Sampling Date

Received Date

Completed On

Report Date

Sample Qty

: 16/93/2025

Address of the Client

: Mambakkam

: M/s. SIPCOT

Group

S.No.

2

4

Ŕ

10

12

13

Pollution & Environment

Sample Name

Soil

Sample Mark Sample Reference

: NA

Test Parameters

Sample Drawn By

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

Sample Location

: Santhavellore

Environmental Condition Sampling Method & Plan

Discipline : Chemical Cadmium

Chropsium

Soil Texture

Soil Texture ()Sand

Soil Texture sijSilt

Soil Texture in Clay

Balk Demity

Organic Carbon

Ovganic Matter

pH Value (m 25 ° C (1 : 2.5)

Electrical conductivity (ii) 25 °C (1 : 2)

Copper

Zinc

Temperature (°C): 29.0 | Humidity (%): 54.0

Units

mg/Kg

mg/Kg

mg/Kg

musika.

44

%

µS/cm

Empleng

16

40

: ICARDA : 2013

Results Test Method BLQ (LOQ: 0.1) HECS-G/INS/SOIV 042 Issue No.:01 Issue Date 01 03,2021 HECS-G/INS/SOP/042 Issue No. 01 8.29 Issue Date:01.03.2021 53.78 HECS-G/INS/SOP/ 042 Issue No.:01 hose three 01 07 2071 HHCS-G/INS/SOP 042 bour No. 01 8.14 from Date 01.03.2021 Clay loam FAO of United Nations, Rome Chapter 111.2008 FAO of United Nations, Rome Chapter 21.5 III 2008 45.8 FAO of United Nations, Rome Chapter -III 2008 32.7 FAO of United Nations, Rome Chapter -HT 2008 7.94 ES 2720 (Part 26) 1987

IS 14767: 2000

FAO of United Nations Rome 2007

IS 2720 (Part 22) Section 1 1972

IS 2720 (Part 32) Section I 1972



D.Anusuya Lab Manager Authorized Signatory

328.0

0.98

0.27

0.47

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HECS-C/O/FMT/849

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E-mail: labsales@hecs.in



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TEST REPORT

Page: 2 of 2

ULR

: TC1231025000016839F

Ricport No.

HECS/PE/069/170325

Sample ID No

: 170325267

Sampling Date

Received Date

Completed On

Report Date

Sample Oty

Commenced Date: 17/03/2025

: 16/03/2025

17/03/2025

: 05/04/2025

05/04/2025

HECS-G/ENV/SSW/SOP/011 Issue No.:01 Issue Date:02:07: 2020

1 Kg

Address of the Client

: M/s. SIPCOT : Mambakkam

Pollution & Environment

: Soil : NA

Sample Mark Sample Reference : NA

Sample Drawn By Sample Location

Group

22

Colour

Sample Name

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

Environmental Condition Sampling Method & Plan : Santhavellore

: ICARDA : 2013

: Temperature (°C): 29.0 | Humidity (%): 54.0

S.No.	Test Parameters	Units	Results	Test Method
14	Available Phosphorous as P	HR/B	HLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
15	Available Pocassium	mEq/100g	14.35	FAO of United Nations, Rome Chapter - III 2008
16	Boron as B	mg/kg	HEQILOQ 0.11	HECS-G/ENV/SSW/SGP/018 Issue No. 01 Issue Date:02-07 2020
17	Tirrat Nitrogen as N	16	0.0104	25 14634 Clinaic 4 1999
111	Exchangable Calcium as Ca	mfiq4.	15,97	FAO of United Nations, Home Chapter 81 3608
19	Exchangable Magnesium as Mg	mříq/L	3.99	FAO of United Nations, Rome Chapter - III 2008
20	Cation Exchange Capacity	mEq/100g	2.1	IS-2720 (Part 24) Clause 5 1976
21	Water Holding capacity	16	19.2	IS 14765: 2000

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

Brown



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| This is a continue of the continue of test report of test report. 5. The feet results only to the test from: HECS-G/O/FMT/049

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TEST REPORT

Page: I of I

Report No.

HECS/PE/069/170325/N

Sample ID No

170325267

Sampling Date

: 16/03/2025

Address of the Client

Name of the Client

: Mambakkam

: M/s. SIPCOT

Group

S.No.

Pollution & Environment

Received Date

17/03/2025

Sample Name

: Soil

Cemmenced Date: 17/03/2025

Sample Mark

: NA

Completed On

: 05/04/2025

Sample Reference

: NA

Test Parameters

Report Date

: 05/04/2025

Sample Drawn By Sample Location

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

: Santhavellore

Sample Oty

1 Kg

Environmental Condition

: Temperature (°C): 29.0 | Humidity (%): 54.0

Sampling Method & Plan

Discipline : Chemical

: ICARDA : 2013

Units	Results	Test Method
16	3.87	HECS-G/ENV/SSW/SOP/003 Issue No. 01 Issue Date:02:07: 2020
mg/kg	193.57	HECS-G/INS/SOP/ 042

Moisture Manganese iron merke 7.21 Inhouse method Infiltration Rate 1.4 Schinner merhiod

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

"End of Report"



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TEST REPORT

Page : 1 of 2.

ULR : TC1231025000016840F

Report No. : HECS/PE/070/170325

17/03/2025

05/04/2025

: 05/04/2025

1 Kg

Sample ID No : 170325268

Received Date

Completed On

Report Date

Sample Oty

Sampling Date : 16/03/2025

Commenced Date: 17/03/2025

Address of the Client : Mambakkum

Group Pollution & Environment

: M/s. SIPCOT

Sample Name : Soil Sample Mark : NA Sample Reference : NA

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

Sample Location : Vallakottai

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

Sampling Method & Plan : ICARDA : 2013 S.No. Test Parameters Units Results Test Method Discipline : Chemical Cadmium 1.05 HECS-G/INS/SOP/ 042 Issue No.:01 may/kut Issue Date:01.03.2021 ž Chromium 10.66 HECS-G/INS/SOP/042 Issue No. 01 mg/kg have Date:01.03.2021 Copper 10.76 HECS-G/INS/SORY 042 base No. 01 merks Time 01.01.2021 4 Zinc market 9.36 HEE'S CORSSISSIVE OLD from No. 01. Same Date:01.03.2021 5 Said Texture Clay litary FAO of United Nations, Rome Chapter -III 2008 6 Soil Texture ((Sand) 24.3 FAO of United Nations, Rome Chapter III 2008 FAO of United Nations, Rome Chapter Soil Texture it |Silt % 40.2 III 2008 Soil Textore iii)Clay 96 35.5 FAO of United Nations, Rome Chapter -111 2008 pH Value 98:25 ° C (1:2.5) 7.89Ei 2720 (Part 26) 1987 10 Electrical conductivity (i) 25 ° C (1 : 2) a/S/can 218:0 15 14767: 2000 **Bulk Demity** 3.3 govern3 0.9% FAO of United Nations Rome 2007 12 Organic Carbon 0.34 IS:2720 (Part 22) Section 1 1972: Organic Matter 13 16 0.60 ES 2720 (Part 22) Section I 1972



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HECS-G/O/FMT/049

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Group



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Name of the Client

TEST REPORT

Page: 2 of 2

ULR

: TC1231025000016840F

Report No.

HECS/PE/070/170325

Sample ID No

: 170325268

Sampling Dute

: 16/03/2025

: Mambakkam

: M/s. SIPCOT

Address of the Client

: Pollution & Environment

Received Date 17/03/2025

Soil

Commenced Date: 17/03/2025

Sample Name Sample Mark : NA

Completed On

: 05/04/2025

: NA Sample Reference

Report Date

: 05/04/2025

Sample Drawn By

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

Sample Qty

Sample Location

: Vallakottai

1 Kg

Environmental Confition

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

Sampling Method & Plan-

: ICARDA : 2013

S.No.	Test Parameters	Units	Results	Test Method
14	Available Phosphorous as P	348/K	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter - III 2008
15	Available Potassium	mEq/100g	1K.R5	FAO of United Nations, Rome Chapter - III 2008
16	Boron as B	mp/kg	BLQ(LOQ 0.1)	HECS-G/ENV/SSW/SOP/018 Issue No. 01 Issue Date:02:07 2020
17:	Total Nitrogen at N	. 54	0.0119	IS 14084 Clause 4 1999
11	Exchangible Coloron to Co	mfqt.	15.06	FAO of United Nations, Rome Chapter III 2008
19	Exchangable Magnesium as Mg	mbq/L	11,97	FAO of United Nations, Rome Chapter BI 2008
20	Cation Exchange Capacity	mEq/100g	2.8	38 2720 (Part 24) Clause 5 1976
21	Water Holding capacity	%	18.2	IS 14765: 2000
22	Colour	- W	Black	HECS-G/ENV/SSW/SOP/011 Issue No. 91 Issue Date:92:07: 2020

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



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ANY OF ACCEPTANCE AND ACC HECS-G/O/FMT/049

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

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E-mail: labsales@hecs.in

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TEST REPORT

Page 1 of 1

Report No : HEC

- HECS/PE/070/170325/N

Sample ID No

: 170325268

Sampling Date

: 16/03/2025

Address of the Client

Name of the Chent

: Mambakkam

1 M/s, SIPCOT

Group

Pollution & Environment

Sample Name

: Sud

Sample Mark Sample Reference

: NA

Sample Drawn By Sample Location

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

2 Vallakottai

Environmental Condition Sampling Method & Plan : Temperature (°C): 30.0 | Humidity (%): 54.0

: JCARDA : 2013

Received Date : 17/03/2025

Commenced Date: 17/63/2025 Completed On : 05/04/2025

Report Date : 05/04/2025

Sample Qty : 1 Kg

S.No.	Test Parameters	Units	Results	Test Method
Discipl	line : Chemical	- 1		
1	Moisture	76	4.41	HECS-G/ENV/SSW/SOP/003 loom No.01 loose Date:02:07: 2020
Σ:	Manganese	mg/kg	123.79	HECS-G/INS/SOP/ 042
):	Iron	mg/kg	3.09	Inhouse method
	Infiltration Rate		8.8	belower mothed

Notes- mg/kg: milligram per kilogram, % - Percentago.

"End of Report"



Hubert Enviro Care Systems (P) Ltd.

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

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E-mail: labsales@hecs.in



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Address of the Client

TEST REPORT

Page: 1 of 2

ULR

: TC1231025000016841F

Report No.

HECS/PE/071/170325

Sample ID No

: 170325269

Sampling Date

16/03/2025

: Ma. SIPCOT : Mambakkam

Received Date : 17/03/2025

Sample Name

Group

- Poliution & Environment

Commerced Date: 17/03/2025

Sample Mark

: NA

Completed On 1 05/04/2025

: NA Sample Reference

Report Date

105/04/2025

Sample Drawn By

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

Sample Oty

Sample Location

1 Kg

Environmental Condition Sampling Method & Plan

: Temperature (°C): 28.0 | Humidity (%): 54.0

: ICARDA - 2013

S.Na.	Test Parameters	Units	Results	Test Method	
Discip	line : Chemical			the second secon	
t:	Cadmium	mg/kg	BLQ (LOQ: 0.1)	HECS-G/INS/SOP/ 042 Issue No.:01 Issue Date:01.03.2021	
Ė	Chromium	mp/kg	20.45	HECS-G/INS/SOP/042 Issue No.:01 Issue Date:01.03,2021	
	Copper	mgrkg	21.26	HECS-G/INS/SOP 842 lister No.01 lime Core.(0.0).2021	
•	Zinc	miligi	21.10	HEC'S GUNS/SORV 047 from No. 611 from Dinestri 63 2021	
	Soil Teature	17	Lown	FAO of United Nations, Rome Chapter III 2008	
	Soil Texture i)Sand	16	35.0	FAO of United Nations, Rome Chapte III 2008	
	Soil Texture ii)Silt	%	46.4	FAO of United Nations, Rome Chapter III 2008	
	Sol Texture iii)Chy	76	18.6	FAO of United Nations, Reme Chapter III 2008	
,	pH Value @ 25 ° C (1 : 2.5)	-	6.74	ES 2720 (Part. 26), 1987	
0	Electrical conductivity (i) 25 ° C (1 : 2)	p5/cm	98.5	IS 14767, 2000	
13	Bulk Density	gm/cm3	1.00	FAO of United Nations Rome 2007	
2	Organic Carbon	76	0.23	IS 2720 (Part 22) Section 1 1972	
13.	Organic Matter	%	0.39	IS 2720 (Part 22) Section 1 1972	



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HECS-G/O/FMT/949 HECS-G/Q/FMT/049

Hubert Enviro Care Systems (P) Ltd.

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

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TEST REPORT

Page: 2 of 2

ULR

: TC1231025000016841F

Report No.

: HECS/PE/071/170325

Sample ID No

: 170325269

Sampling Date

Address of the Client

Name of the Client

: M/s, SIPCOT : Mambakkam

: 16/03/2025

Pollution & Environment

Received Date

: 17/03/2025

Group Sample Name

- Soil

Commenced Date: 17/03/2025

05/04/2025

Sample Mark

INA

Completed On Report Date

: 05/04/2025

Sample Reference

: NA

Sample Drawn By

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

Sample Oty

Sample Location

1 Kg

Environmental Condition

Temperature ("C): 28.0 | Humidity (%): 54.0

Sampling Method & Plan.

: ICARDA : 2013

S.No.	Test Parameters	Units	Results	Test Method
14	Available Phosphorous as P	PW/8	BLQ(LOQ 5.0)	FAO of United Nations, Rome Chapter III 2008
15	Available Potassium	mEq/100g	15.54	FAO of United Nations, Rome Chapter III 2008
16	Весоп нь В	mg/kg	BLQ(LOQ 0.1)	HECS-G/ENV/SSW/SOP/018 Issue No:01 Issue Date:02:07 2020
17	Total Nitrogen as N	16.1	0.0107	15 14084 Churc 4 1999
N	Exchargable Calcium as Ca	mEq/1.	11.91	FAD of United Nations, Score Chapter III 2008
19	Exchangable Magnesium as Mg	mbq/L	3.93	FAO of United Nations, Rome Chapter III 2008
20	Cution Exchange Capacity	mEq/100g	1.3	IS 2720 (Part 24) Clause 5 1976
21	Water Holding capacity	%	30.2	IS 14765: 2000
22	Colour		Brown	HECS-G/ENV/SSW/SOP/011 Issue No.01 Issue 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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Hubert Enviro Care Systems (P) Ltd. A-21, III Phase, Thiru Vi Ka Industrial Estate,

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Name of the Client

E-mail: labsales@hecs.in

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TEST REPORT

Page: 1 of L

Report No. FHECS/PE/071/170325/N

Sample ID No : 170325269

Sampling Date ± 16/03/2025

Address of the Client : Mambakkam

Received Date Groups Pollution & Environment = 17/03/2025 Commenced Date: 17/03/2025 Sample Name : Soll Completed On Sample Mark : NA = 05/04/2025 Report Date 105/04/2025 : NA Sample Reference Sample Oxy 1 Kg

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

: M/s. SIPCOT

Environmental Condition : Temperature (°C): 28.0 | Humidity (%): 54.0

Sampling Method & Plan : ICARDA : 2013

S.Na	Test Parameters	Units	Results	Test Method
Discip	dine : Chemical			
	Moisture	95	5.23	HECS-G/ENV/SSW/SOP/003 Issue No. 01 Issue Date:02:07: 2020
2	Manganese	mg/kg	102.33	HECS-G/INS/SOP/ 642
1	from	mg/kg	8.50	Inhome method
t	Infiltration Rase		0.3	Mouse method:

Note: mg/kg: milligrum per kilogrum, % - Percentage.

""End of Report""



Hubert Enviro Care Systems (P) Ltd.

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Ph: 42985555 / 43635555 Fax: 42985500

E-mail: labsales@hecs.in



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TEST REPORT

Page: I of I

DLR

: TC1231825800016294F

Report No.

HECS/AP/078/170325

Sample ID No.

170325259

Sampling Date

: 16/03/2025

Address of the Client

1 M/s. SIPCOT : Mambakkum

Received Date

17/03/2025

Group Sample Name Atmospheric Pollution

Commenced Date: 17/03/2025

1 Noise Levels (Excluding vibration)

Completed On

04/04/2025

Sample Mark

: Ambient Noise

04/04/2025

Sample Reference

= NA

Report Date Sample Oty

Sample Drawn By

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

-NA

Sample Location

*Temperature (°C): 29.0 | Humidity (%): 55.0

Environmental Condition Sampling Method & Plan

1891-0800 21:

S.Nn	Sampling Location	Day Noise level in dB (A)	Night Naisz level in dli (A)
9	Project Site	50.7	43.2
2	Anakaputhur	54.0	40.9
3	Santhavellore	48.6	42.5
à	Vallakomac	51.9	43.8
5	Komani	49.0	43.0

Noise Standards - CPCB:

Industrial Area : Day Time-75 dB (A); Night Time-70 dB (A). 11. Commercial Area : Day Time-65 dB (A); Night Time-55 dB (A). Hii. Residential Area : Day Time-55 dB (A): Night Time-45 dB (A). Silence Zone iv. : Day Time-50 dB (A); Night Time-40 dB (A).

Note:

- 1. 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. ***End of Report***



^{1.} The report in full or part shall not be used for any promotional or publicity purpose without written consent by HECS organization. 2. Ramples are not drawn by HECS unless or otherwise murritured. 3. Unless apacitically requested by contemar the test inner will not be retained more than 15 days from the date of issue of test report. 4. Under no circumstances lab accepts any biddity or less of test report. 5. The test moulto-mist entry to the test items.

HECS-G/O/FMT/049 HECS-G/O/FMT/049

அப்துல்கலா பேருவீழாவை முன்னிட்டு

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தமிழ்தாடு தொழில் முன்னேற்ற நிறுவனம்

to or reducement discovering systems, regarded Gardenier - 800 000, CRI VI HIRI TOTAY IS GCHETOC

Gast: 27.07.2022

சிப்காட தொழிற் பூங்கா சுற்றுச்சூழல் கிசைவாணை

மாநில சுற்றுச்சுமுல் நாக்க மதிப்படு ஆகையையும், தமிழ்நாடு கடித grain: SEIAA-TN/F.No.7652/EC/8(a)/852/2022, Gads 01.07.2022 அகை காத்சியும் மாவட்டம், ஸ்ரேயுதம்புதா தாழுகளுக் உள்ள பருப்பாகம் இருமத்தில் "சிப்காட் தொழிற் பூக்கா" அமைப்புற்றான சுற்றுச்சுழக் இசையாணை carpridh.drugs

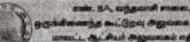
தேவ்கி சையாக ணையின் முழகிவரங்களை www.aipcot.tn.gov.in என்னும் சிப்பை கிணையதளத்திதும் மாந்ல மாக கட்டுப்பாடு வாரியம் மற்றும் மாநில சுற்றுச்சுமுல தாக்க மதிப்பீட்டு ஆணையத்தின் கணையத்ளத்திலும் வுற்றுக்கொள்ளமைம். மேலும் கவன்சைவாணையின் நக்கினை சிப்காட் தலைமை அழுவகைத்தின் அல்லது சிப்காட் திட்ட அணுவகைக்கினோ பெற்றுக்கொள்ளனரும்.

மேலான்மை இயக்குனர்

போதனை வ. ந்து சமந்திரம் கடைந்தோம், ஊதனை புரிந்து வரிந்திரம் படைப்போம்

காஞ்சியும் மாவட்ட ஆள்சேர்ப்பு நீலையம்

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அறிவிப்பு

மண்டலத்தில், கூட்டுறவு சங்கங்களின் காஞ்சியாம் CHICAL PROPERTY. அலுவலக் உகலியாளர்கள் பணியிடங்கள் மற்றும் இதர கூட்டுறவு நிறுவனங்களில்



CHENNAI

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THURSDAY 28.07.2022

Advertisement for the Post of Young Professionals (Law) in the Salt Commissioner's Organization, Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry

Application from Law Graduates, below the 35 years of age are invited for 12 Posts of Young Professional (Law) to be posted at the following places:-

- 1. Jaipur 4
- 2. Mumbai 4
- 3. Chennai 4

viled advertisement can be seen on website r//www.saltcomindia.gov.in and https://dpiit.gov.in

The last date for submission of application to the office of Salt Commissioner, 2-A, Lavan Bhawan, Lavan Marg, Jhalana Doongri, Jaipur-302004, E-Mail (lavan-rj@nic.in) is 16.08.2022

CBC 05208/12/0001/2223

Queta Experi

YOU CAN'T WAIT FOR INSPIRATION. YOU HAVE TO GO AFTER IT WITH A CLUB



STATE INDUSTRIES PROMOTION CORPORATION OF TAMIL NADU LIMITED

19-A. RUKMANI LAKSHMIPATHY ROAD, EGMORIE. CHEMNAI-600 008. CIN U74909TN197150C000967



Date: 27.07.2022

SIPCOT INDUSTRIAL PARK ENVIRONMENTAL CLEARANCE

Environmental Clearance has been obtained for the proposed development of SIPCOT Industrial Park at Mambakkam Village of Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu from the State Environment Impact Assessment Authority (SEIAA), Tamil Nadu vide Letter No. SEIAA-TN/F.No.7652/EC/8(ay852/2022 dated 01.07.2022.

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

DIPRITATION NO. 22

MANAGING DIRECTOR

Conserve And banding their Standardson and Standard States

ENROLMENT NOTICE

After ten days of the publication of the notice and within Three Alcords thereafter. I. Deopush Kalariya S/o. Chandraprokesh Kalariya Aged 22 Years Permanently residing at \$187/658 T.H.Road Old Washermerpet Chennal \$00021 intend having annothers as an advocate at before the Bar Council of remit Nadu, Bar Council Buildings High Court Campus. Chennal 104

Those who have any valid objections may notify the same to the Bar Council within 10 days.

DEEPESH KATARIYA

EASTERN RAILWAY

Tender Notice No.: 407EQQ-25/Spi. Work, dad. 20.07.2022. El heroloro are sylhod by Yin Austrani Toyen Engineer.

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No. 5.43,54,821.00. Comment Money 11.08.2022. Companies on period for the exert 118 recents. (MSIC 12507022.20). Tento Nation on are sedime of Money and Australian Companies.

ON'T WATCH

oftow us at : O @EasternFlailway

D Eastern Railway Headquarter



TENDER FOR SELECTION OF A SOCIAL MEDIA & DIGITAL AGENCY FOR UTTAR PRADESH TOURISM

Bid Reference: SOCIAL MEDIA/2022

Dated: 27.07.2022

Directorate of Tourism (DoT), Government of Ultar Pradesh to promote tourism in the state. Therefore, DoT invites proposals from social media & digital firm for carrying out digital media activities.

Interested parties may download bid document from http://etender.up.nic.in and submit their proposals with requisite documents before 10/08/2022. The submitted proposals will be open at 10.08.2022 at DoT Office, Paryatan Bhawan, 4th Floor, C-13, Vipin Khand, Gomti Nagar, Lucknow-226010 Uttar Pradesh, India.

DoT reserves the right to reject any or all the proposals without assigning any reason thereof. For any queries please respond on e-mail:

dg-upt@up.gov.in

All subsequent notifications, changes and amendments will be posted only on the website

http://etender.up.nic.in

DoT reserves the right to cancel this invitation and / or invite fresh Bid with or without amendments to this invitation, without liability or any obligation for such invitation and without assigning any reason.

Utto Predat

DIRECTORATE OF TOURISM

Government of Uttar Pradesh



Projects-I/Mambakkam/EC/Ad-Forward01/2022

Date: 08.08.2022

The Director
Ministry of Environment, Forests and Climate Change,
Integrated Regional Office, 1st Floor,
Additional Office Block for GPOA, Shastri Bhavan,
Haddows Road, Nungambakkam,
Chennal – 600 006.

/RPAD/

Sir,

Sub: SIPCOT - Development of Industrial Park at Mambakkam Village of Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu - Environmental Clearance (EC) granted by SEIAA - Advertisement Released in the Daily Newspapers - Copy of the Advertisement forwarded - Reg.

Ref: EC Letter No. SEIAA-TN/F.No.7652/EC/8(a)/852/2022 dated 01.07.2022

With reference to the above, we have obtained Environmental Clearance (EC) from the State Environment Impact Assessment Authority (SEIAA), TN for the proposed development of SIPCOT Industrial Park at Mambakkam Village of Sriperumbudur Taluk, Kancheepuram District. In compliance to the condition stipulated in the EC, advertisement is released in the English Daily 'The New Indian Express' of the Chennai edition dated 28.07.2022 and in the Tamil Daily 'Dinathanthi' of the Chennai edition dated 28.07.2022, publishing information of 'Grant of EC' by the SEIAA.

The Newspaper Advertisement copies are enclosed for your kind perusal.

S DESPATCHED

P
12 AUG 2022

C 6B
T S.L. No. Signature

Yours faithfully,

Sd/--

MANAGING DIRECTOR

//Forwarded by Order//

GENERAL MANAGER (P-I)

Encl.: as above

State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking) CIN: U74999TN1971SGC005967

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

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



Projects-I/Mambakkam/EC/Ad-Forward02/2022

Date: 08.08.2022

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

/RPAD/

Sir,

Sub: SIPCOT – Development of Industrial Park at Mambakkam Village of Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu – Environmental Clearance (EC) granted by SEIAA – Advertisement Released in the Daily Newspapers - Copy of the Advertisement forwarded - Reg.

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12 AUG 2022

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S.L. No. Signature

Yours faithfully,

Sd/--

MANAGING DIRECTOR

//Forwarded by Order//

GENERAL MANAGER (P-I)

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

आए. भी.-१३ भारतीय झक्र विभाग प्रमुक्त इक्रार को नाम मीहर Name stamp of office of posting

भेजने वाले का पता Sender's Address STATE INDUSTRIES PROMOTION CORPORATION OF TAMIL NADULTD.

(A Govt. of TamilNadu Undertaking) P.B. No. 7223

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

पिन/PIN 6 0 0 0 0 8

REMINISTRATION OF THE PERSONS ASSESSMENT

MGIPCBE



प्राप्त स्वीकृति (रसीद) ACKN	OWLEDGEME
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बीमा का मूल्य (हपवों में) Insured for Rupess	Store
वितरण की तारीख / Date of delivery	20 0 2
अनावश्यक को काट दिया द्वाए। Score out the matter not required.	(TO) E)
केवल बीमा वस्तानी के लिए। For Insured articles only.	100 0 W

पाने वाले के हस्ताक्षर / Signature of addressee

ant. 18. 218/22 रतीय डाक विभाग DEPARTMENT OF POSTS, INDIA से नाम मीहर 1 8 AUG 2022 Name stamp of office of posting CHENNAL -600 003



बारीय-मीहर

भेजने वाले का पता Sender's Address STATE INDUSTRIES PROMOTION CORPORATION OF TAMIL NABULETO.

(A Govt. of TamilNadu Undertaking) P.B. No. 7223

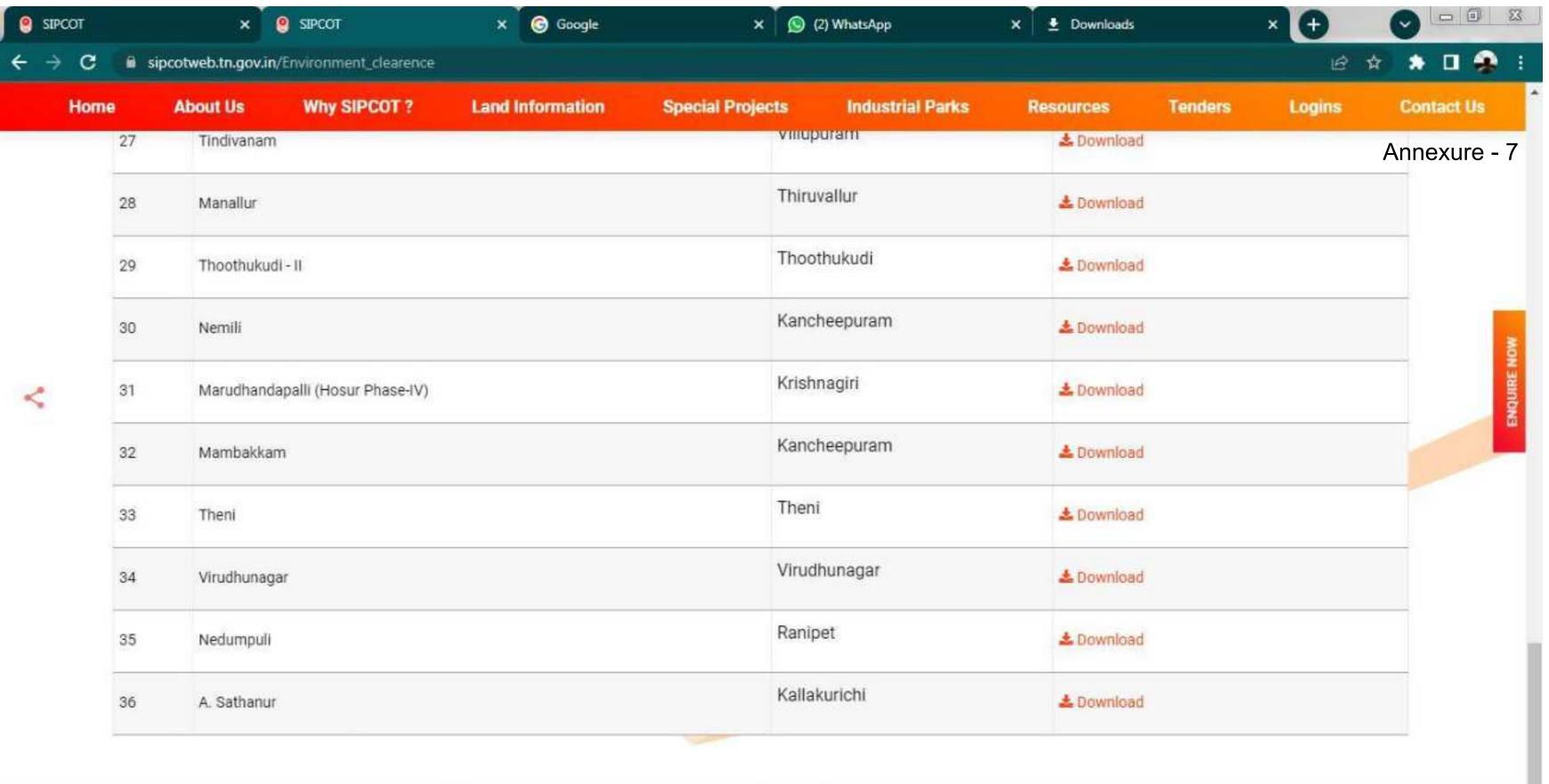
19-A, RUKMANI LAKSHMIPATHY ROAD, EGMORE, CHENNAL

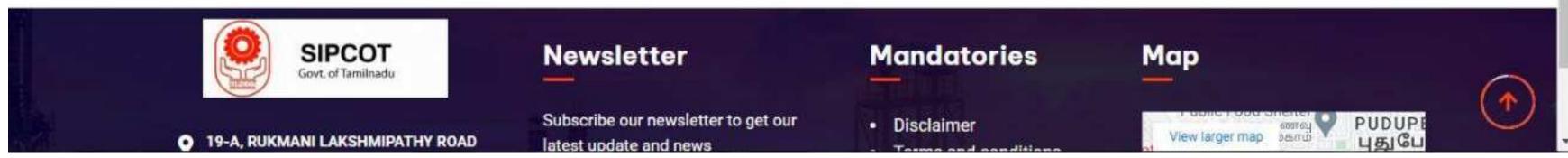
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Received a Registered Letter / Postgard / packet	Jember Secretary
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बीमा का मूल्य (रुपयों में) Insured for Rupees	SUMMENT IMPACT
वितरण की तारीख / Date of delivery	20
जनावश्यक को काट दिया द्वाए। Score out the matter not required.	13 AUG 2022
फेयल बीमा वस्तजी के लिए । For Insured articles only.	THE RESERVE
	पाने वाले के हस्ताकार /Separture of addressee







Projects-I/EIA/Mambakkam/EC/2022

Date: 12.07.2022

The Member Secretary, State Level Environment Impact Assessment Authority, 3rd Floor, Panagal Maligai, No.1, Jeenis Road, Saldapet Chennai – 600015,

Sir,

Sub: SIPCOT- "Development of Industrial Park at Mambakkam Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu" - Submission of EMP & CER details as per Minutes of the 282nd SEAC meeting - Reg.

Ref: 1. ToR Issued for the project vide SEIAA-TN/F.No 7652/SEAC/8(b)/ToR-766/2020 dated 23.09.2020

 Online uploading of EIA Report vide Proposal No. SIA/TN/MIS/67813 /2020 dated 23.09.2021

EIA report hard copy submission at SEIAA on 24.09.2021.

4. Minutes of 242nd SEAC Meeting held on 03.02.2022

5. Minutes of 485th SEIAA Meeting held on 15.02.2022

6. Minutes of 282nd SEAC Meeting Held on 04.06.2022

With reference to the above, we submit herewith details of EMP & revised CER activities as per the Minutes of 282nd SEAC Meeting:

S.No	Query		Rep			
1	Trace process	Rs.854 Lakhs. The EMP cost details are given				
		SI.N	Project Components	Tentative Capital Cost (Rs. in lakhs)	Tentative Recurrin g Cost /year (Rs in Lakhs)	
		1	Storm Water drains	395.00	2.5	
		2	Solar Street Lights	40.00	1.0	
		3	Green Belt Development	65.00	3.6	
				35.00	1.0	
		5	Solid Waste 25.0	25.00	2.0	
		6	Medical Dispensary	25.00		

State Industries Promotion Corporation of Tamil Nadu Limited Page 1

(A Government of Tamil Nadu Undertaking)

CIN: U74999TN1971SGC005967

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



S.No	Query	Reply			
		7	E waste shed	269.00	2.5
		8	Environmental Monitoring	0	0.7
			Total EMP Cost	854.00	20.2
2	As accepted by PP, the revised CER cost of Rs.5 Crores shall be spent with activities, particularly creation of Environment website and creation of environmental centre in school, revamping school building/ construction/maintenance of school building, construction of Girls toilet with 24/7 water facility, providing sanitary napkin along with incinerator for the disposal (if applicable), tree plantation in consultation with concern Government School HM, located in Mambakkam village, before obtaining CTO from TNPCB.	activit The under Distric Cre Re Re Re Inc	simmit to spend Rs. ties before obtaining of the control of the co	ng CTO from activities e Line Depara- oncerned: nment web ental centre i ullding/ con ol building, toilet with 2 napkin alo posal (if app consultati nt School Hi	m TNPCB. will be artment / site and in school, struction/ 4/7 water ong with licable), ion with M, located

We request you to kindly consider the above reply and issue Environmental Clearance at the earliest.

Thanking You.

Yours faithfully, Sd/--MANAGING DIRECTOR

//Forwarded by Order//

GENERAL MANAGER (P-I)

Copy to:

1. Projects-I Department

2. Finance Department

Civil Department

1 3 JUL 2022

State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking) CIN: U74999TN1971SGC005967

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



CHIEF ENGINEER (O&M. IR.





Lr No:CMWSSB/C.E(O&M)W\$-E(WWY&R) / 45 TTRO-KOY / SIPCOT / 2020-21 | Dated:10.04 2020

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

(DBO) a 45 MLO repactly Terrary Treatment Reverse Osmosis (TTSO) Prant at Kayambadu Including supply. Jaying and nointenance of M.S. trensmission main for conveying product water to various S/PCOT industries adeator at trungs/lisketta. Separambader and Coughdant – Works Completed in all inspects. Inaugurated and Commissioned by the Honble Chief has located at trungs/lisketta (SiPCOT industries of Tamilhadu on 29.11.7019 – Supply of TTSO Water to the Mis. StrCOT industries located at trungs/liskettal, Pillafpakkam, Valiannyadagas, Shiperumbadur and Orogadam – Commenced from 18.12.2019 – Separity curposit to be remitted #Requested - Reminder - Reg.

Ref. Lr.No. CMWSSB / C.E(O&M)II / S.E(WWT&R) / 45 TTRO-KGY / SIPCOT / 2019-20, Dated; 06.12 2019;15.12 2019 & 24.01.2020.

The work of "Design, Build and Operate for 15 years (DSO) a 45 MLD capacity Teathery Treatment Reverse Osmosis (TTRO) Plant at Koyambedu including supply, laying and maintenance of M.S. transmission main for conveying product water to various SIPCOT industries situated at trungattukottal, Sriperembudur and Oragadam's has been completed in all aspects and has been inaugurated & commissioned by the Horrible Chief Minister of Yamilhadu on 29.11.2019. The supply of TTRO product water to the M/s SIPCOT industries located at trungattukottal, Pitlaipakkam, Vallamvadagal, Sriperembudur and Oragadam from Kayambedu TTRO plant was commenced from 18.12.2019 proverds.

In this connection, it is submitted that, the request for realitization of security deposition amount of Rs.2.045 Crares towards the supply of TTRO product water to Mis SIPCO1 industries from Koyamberia TTRO plant has been made since (i6.12.2019 and further reminders were made vide under references cited.

In this connection, it is submitted that the requisite security deposit amount has not been remitted till date, inspite of continuous follow up with officials of M/s \$72001

As CMWSSB is facing financial crunch for the past more than 5 years with the deficit of about Rs.300 Grores, it is very difficult to manage to remit the Electricity consumption charges of about Rs.1.5 Crores per month towards operation of TTRO plant & Intermediate storage Pumping Stations.

Hence it is requested to cause necessary instructions to the officials to expedite the remittence of security deposit of Rs.2.045 Crores immediately through RTGS/NEF1.

This is submitted for favour of information and requested for early ection in this request.

CHIEF ENGINEER (O&M-I)

பாரவம் — இன்னா மாவட்டம் — இருப்பெருப்புரு ரீ வட்டம் — இருக்காட்டுக் கோட்டை கூராமம் — சிப்சாட் தொழில் வளர்கத்தில் இன்மந்தின் தொழிற்சாவல குதுத்து— செய்பரம்பாக்கம் ஏரியிலுறுந்த தெறிரி மற்பம் நிலங்குதுத்த நிரிப்பாசனம் போக எட்சிய நிரில் 5 மில்லைம் தடி நிரி — வடும்தெல் — ஆகுக வெளியிடைப் படுகிறது.

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படிக்கவும்:

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- 1. மேலாவிகம் இயக்றநர். சிப்காட் நோர்முக கடிகை என். 1026/96 நாள்: 2.9.1996.
- 2. தமைமைப்பொறுயாளர், நூர்வள 5தார அமைப்பு, சென்னை மடிடைலம், கிருஉத்கா ஒறுநேர் வழங்கல்தமை கடதே என். டபிரிய 1/5250/96, நாள்: 24.12.1996.

பார்வை 1ல் கட்ட கலதத்தில் சிப்காட், மேலோவ்லைம் இயக்குநேர் இஞிக் கோட்டுக்கோட்டை சிப்சாட் தொழில் வளைகத்திற்கு, அங்கு அடையைவுள்ள உறுருட்டால் கார் தொழிற்சாவலக்கு தேலையான 1.1.மில்ஸ்மைல் கன அடை தெண்ணிர் உட்பட மொத்தும் சமார் 10 மில்ஷியல் கன அடி தெண்ணிர் தேவை என்ற கேட்டுக் கொண்டுள்ளோர்

2. பார்கை 2ல் கட்ட கடித்தில் தலைமைப்பொறுமாளர் நீர் வள தோற அமைப்பு செக்கை மட்டைலம் மற்கம் கூருத்தா குடிநீர் வழங்கல் நீட்டம். கடந்த காவக்களில் செய்பறம்பாக்கம் ஏரியில் உள்ள நீர் நிலை ஒரு சீறாக கிருந்திக்கை எக்றம், நீரிக் கொள்ளனவு 1980ம் ஆண்டு 711 மில்வியைக் கூறை அடியாக வும், 1992ம் நூர்டி 485 மிலிலியில் சன் ஒடியாகவும் 1996ம் ஐஸ்டு 2401 மில்வியில் கணதாடியாகவும் இநிந்ததன், குறிப்பிட்டுள்ளார். மேஷம் பதிவு செலியப் பட்டுள்ள 13,223 ஏக்கர் ஐயக்கட்டுகளில் தற்போத விலசாயம் செலியப்பட்டு வரும் 9800 ஏக்கர் நிலக்கதுக்கு நீர்பாககம் செலிதாக வேக்கும் எலிற நிலை உள்ளத எல்றம் குறிப்பிட்டுள்ளார். மேஷம் இத்தோடு செல்கவை மாநகளுக்கு கூடிதல்களிர் வசதியும் செல்பறம்பாக்கம் ஏரியிலிருந்த வழற்க கேகிஷையிருப்பதால் நீர் இருப்பை கருத்தில் கொல்டு தான் தென்றிர் வழங்க இடியில் எல்ற குறிப்பிட்டுள்ளார்.

3. தலைகைமைப்பொறியாகள் (இசுக்குமை மூஃடலம் மேஃடும் கிருட\$கோ தேநூள் வழக்குல் இட்டம்) வ் வினைக்கத்தை குருத்திற்கொடும் விப்காட் தொழும் வளாகத்தினரான் செயற்குறிப்பை இறக பாரிசீகித்தது.

இதம்பறம்பாக்கம் ஏராழுக் நீர் இருப்பூற்குகள்க, பதிவு செலியப் பட்ட ஜயக்கட்டு படுதிகளுக்காக தேவையாக தங்கிர் மற்பம் செல்லக் நகளுக்கு தேவந்றுக்குத் தேவையாக தாந்தோ பூர்த்த செலித பூர் செம்பறம்பாக்கம்



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Sagnay clair தொயியிருந்த நாள் ஒள். ஆத 5 பூக்கூடு என தா, சிப்சாட் தொழித் வளாகத்திற்கு வதங்குவதற்கு தறக உடைவிடுகிறது. மேற்கூட் குகுவிறன திறைவேற்கமும், சிப்காட் தொழில் வளாகத்திலர் பொருப்பணித்துவறையல் புதிய தியந்தவைகைகூக்கு உட்பட்டு ஒப்பந்தத்தில் வகவொறுப்படுட்ட பூக்கதே நிர் வழங்க வேஸ்டும் எஸ்ட தலைமைப்பொறியாளர். கொள்ள மண்டலம். மூற்றம் கிருஉத்தா குஷநீர் வழங்கல் திட்டம் அறிவுலத்தப்படுகிறார்.

(அத்தான் தனுப்பா)

குக்.பி. துப்தா. 'அறுச் செய்வர்.

பெடநர்:

தவைவமைப்பொறுபோளர், நூர்வள ஆதார அமைப்பு, 'செக்கோன.5'.

தள்ளை நெதார அமைப்பு, திர்வன நதார அமைப்பு, தெக்கும் மடிடையும் மற்டம் சிஞ்உத்கா குறநிர் மேற்கும் வழங்கள் தவுறை, தெயிற்நாரு தொழில் வளர்ச்சி கழகம், 19 ஏ. நக்மானி வட்சுமிபத் தோரு, எழும்பர், தெக்கோன், இதுவரை மானட்டம்.

நகல்:

தொழும்தமை இசக்கான 5 நகராட்டு நோக்காகம் மேற்கம் ஞேநிர் வழங்கள் தலு. வெக்கான 5

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पार्त्व महाराज्य व प् पूर्

Annexure-10

SIPCOT – MAMBAKKAM MONITORING PHOTOGRAPH

AMBIENT AIR QUALITY MONITORING PHOTOGRAPH:

NEAR PROJECT AREA



SANTHAVELLORE



NEAR ANAKAPUTHUR



VALLAKKOTTAI



KUNNAM



NOISE MONITORING PHOTOGRAPH

NEAR PROJECT AREA



SANTHAVELLORE



NEAR ANAKAPUTHUR



VALLAKKOTTAI



KUNNAM



SOIL SAMPLING PHOTOGRAPH









NEAR ANAKAPUTHUR

VALLAKKOTTAI





KUNNAM



GROUND WATER SAMPLING PHOTOGRAPH

NEAR ANAKAPUTHUR



VALLAKKOTTAI



KUNNAM



SURFACE WATER SAMPLING PHOTOGRAPH



POND NEAR ANAKAPATHUR





Projects-I/EIA/Mambakkam/DISH/2022

Date: 22.03.2022

/RPAD/

The Director of Industrial Safety and Health (FAC), Directorate of Industrial Safety and Health, No 47/1, Near Metro Water Roundtana, Thiru Vi Ka Industrial Estate, Gulndy, Chennai - 600 032.

Sir,

Sub: SIPCOT - "Development of Industrial Park at Mambakkam Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu" - Intimation on Development of the Project and Request to Conduct Mock Drill - Reg.

Ref: 1. Our application for Environmental Clearance Vide Proposal No. SIA/TN/MIS/67813/2020; File No. 7652.

Minutes of 242nd SEAC meeting held on 03.02.2022.
 Minutes of 485th SEIAA meeting held on 15.02.2022.

With reference to the above, it is to inform that, SIPCOT propose for 'Development of Industrial Park at Mambakkam Village, Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu over an extent of 74.76 Hectares (184.66 Acres) for which SIPCOT has submitted application to State Level Environment Impact Assessment Authority (SEIAA), Tamil Nadu seeking Environmental Clearance for the above project.

It is to inform that, an existing underground IOCL oil pipeline is passing through the proposed site and also a new underground IOCL gas Pipeline (Chennai to Madurai via Tiruchirappalli) has been proposed by Petronet CTM Limited through our site for which Government of India has issued Gazette Notification vide S.O.2245 dated 06/10/2000. The details of the IOCL pipeline passing through the proposed Industrial Park are given below:

- Existing underground oil pipeline of 14"OD from Manali to Trichy, laid in 2005 is passing through the proposed site.
- Proposed underground gas pipeline of 30" OD adjacent to existing oil pipeline from Ennore to Kilakkadi.

 Onderground Gastleman Gastleman University (Management International I
- ROW for both pipelines together is 18 m. சுசநார் இயக்குநர் அறுவகைக்கில் உறைகள்

ெள்ளை தெறியைப் பாறுகள்பு மற்றும் சமநார இயக்குநர் அறுவலகத்தில் உறைகள் (உள்ளே உள்ளது என்னவென்று தேரியாது) பெற்றுக் கொள்ளப்பட்டது.

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State Industries Promotion Corporation of Tamil Nadu Limited

(A Government of Tamil Nadu Undertaking)
CIN: U74999TN19713GC005967

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

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



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Further, we wish to bring to your kind notice that, there will not be any development in the 18m ROW pipeline. Also, SIPCOT propose to develop the Industrial Park for accommodating only Non-EIA category industries i.e., which does not fall under the EIA Notification 2006 & its subsequent amendments. The layout of the Industrial Park is enclosed as **Annexure-I.**

In this connection, during the 242nd SEAC meeting held on 03.02.2022, the committee has recommended the proposal to SEIAA for grant of Environmental Clearance with certain specific conditions. In the Minutes of 485th SEIAA Meeting, the authority has mentioned that the project proponent shall inform DISH about development of gas pipeline in SIPCOT land and mock drill shall be conducted along with SIPCOT agency for which the report shall be submitted to SEIAA before obtaining EC. Copy of the Minutes is enclosed as **Annexure-II** for your reference.

We therefore request you to conduct a mock drill and furnish a report on the safety measures to be followed for the proposed Industrial Park at the earliest.

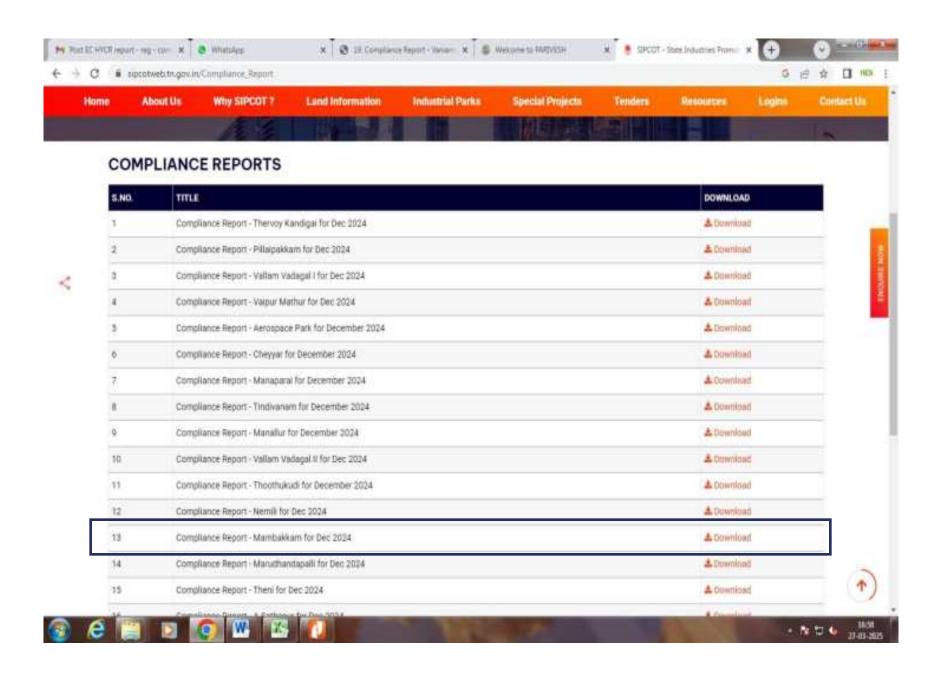
Thanking you

Yours faithfully

MANAGING DIRECTOR

Encl: As above.

Annexure 12





1/172996/2024

Date: 25-09-2024

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

Sir,

Sub: SIPCOT Industrial Park, Mambakkam – Environmental Statement for the Financial Year ending 31st March 2024 - Submitted – Reg.

Ref: SEIAA EC Letter No. SEIAA-TN/F.No.7652/EC/8(a)/835/2022 dated 01.07.2022.

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 Mambakkam Village in Sriperumbudur Taluk, Kancheepuram District, Tamil Nadu for the Financial Year ending 31st March 2024.

Yours faithfully,

GENERAL MANAGER (P-I)

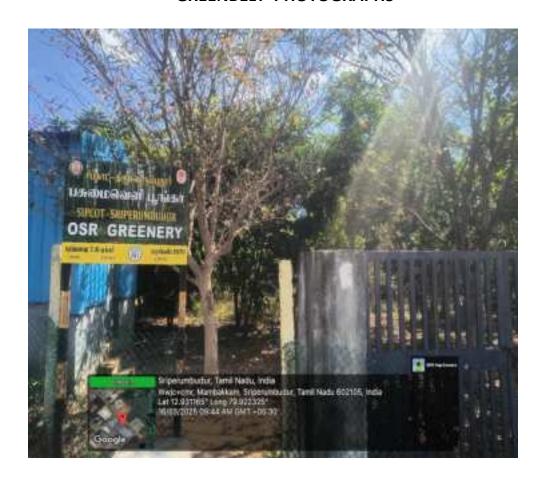
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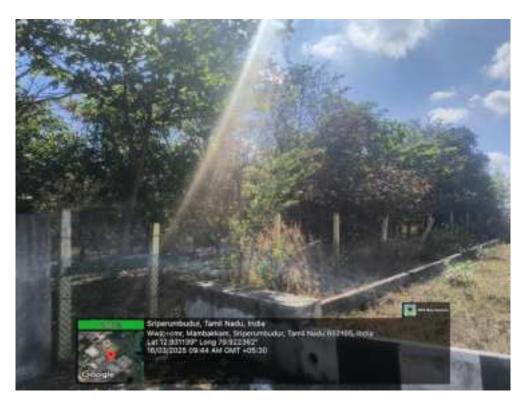
STORM DRAIN PHOTOGRAPHS



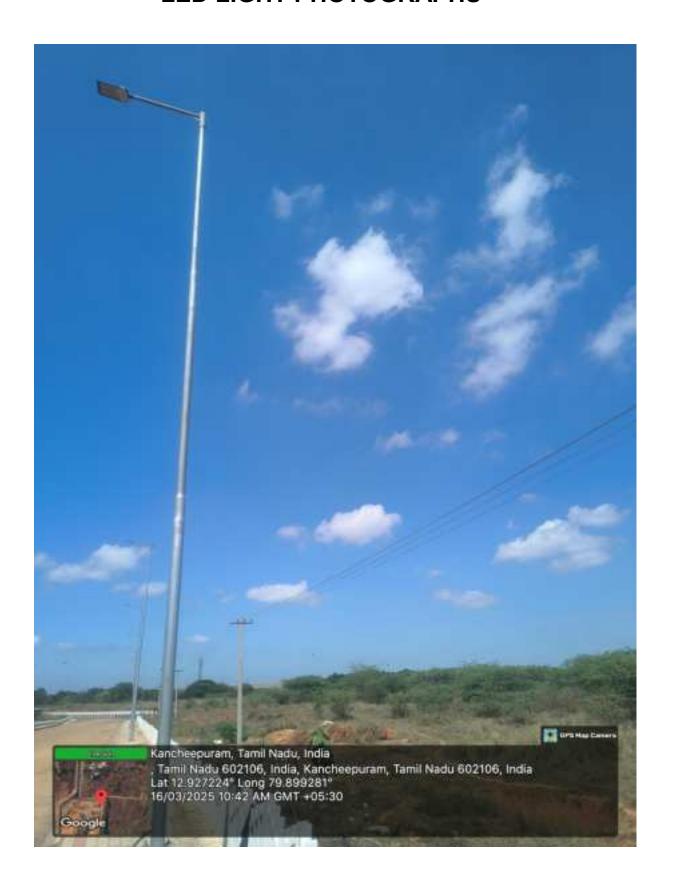


GREENBELT PHOTOGRAPHS



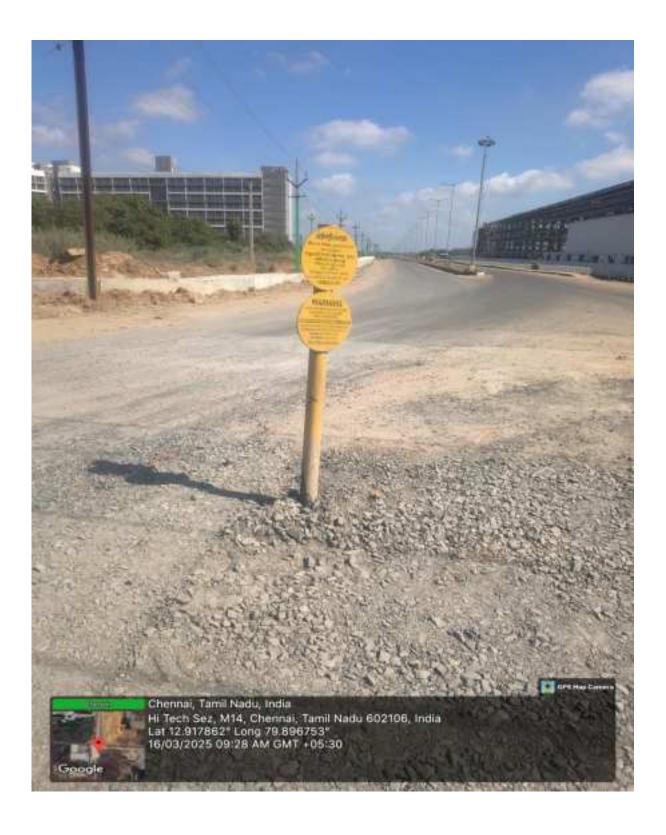


LED LIGHT PHOTOGRAPHS

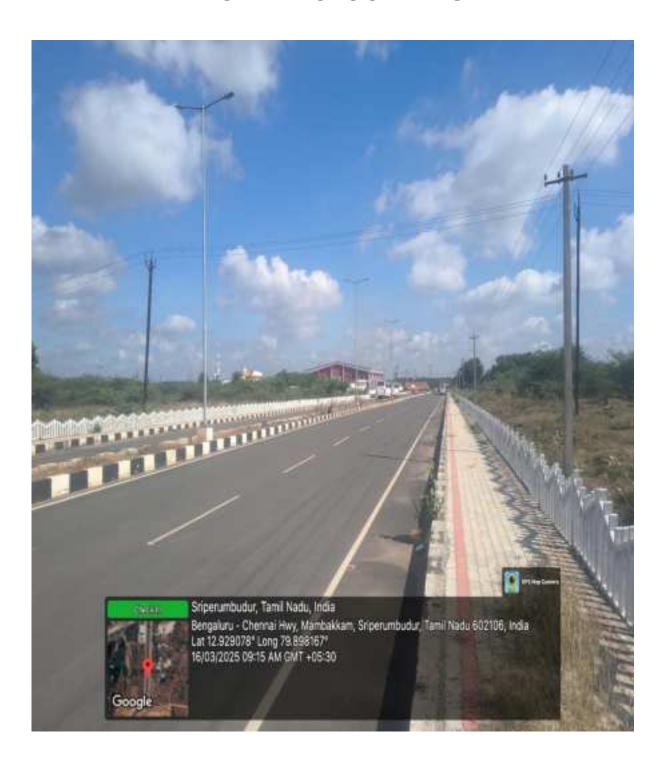


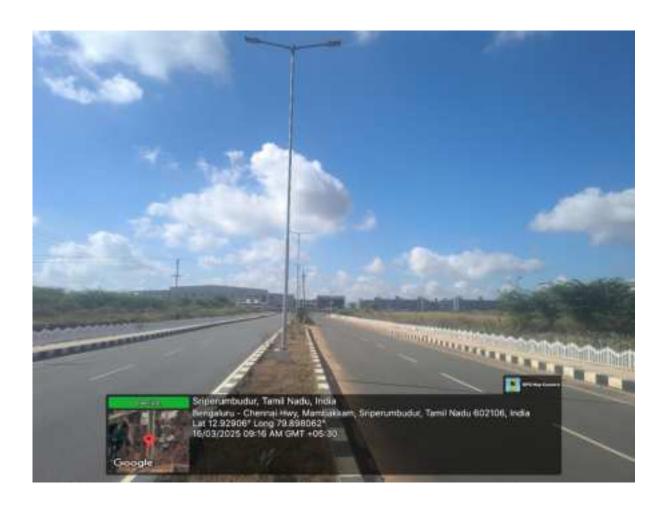


IOCL PIPELINE PHOTOGRAPH

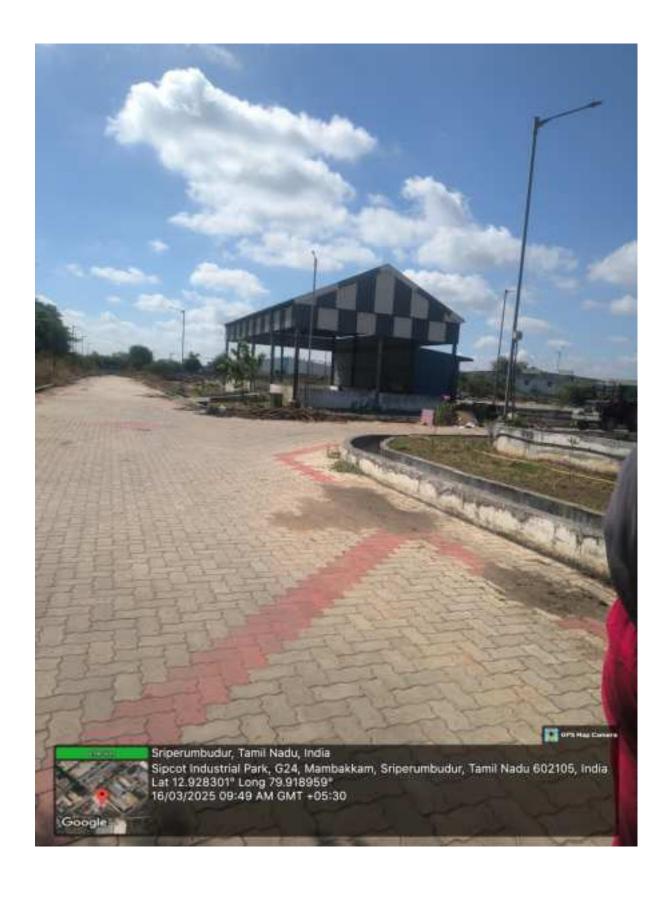


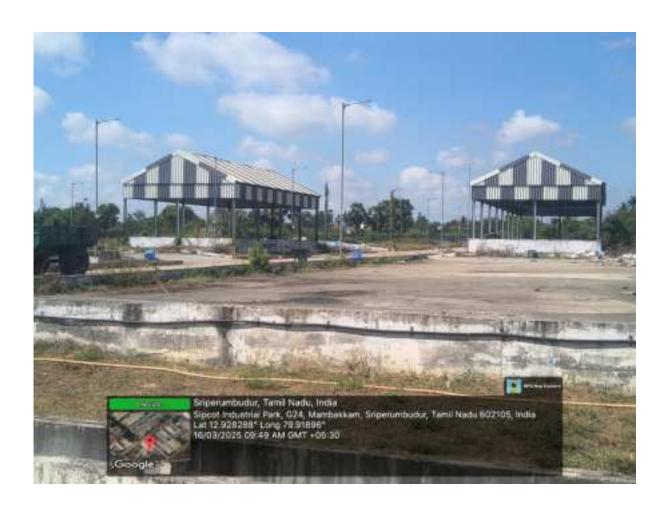
ROAD PHOTOGRAPHS





SOLID WASTE MANAGEMENT AREA - PHOTOGRAPHS





Annexure 20

NEARBY WATER BODY PHOTOGRAPH

