

CSL/KKL/EN/MOEF&amp;CC/2025/MAY/450

08 MAY 2025

Marine Terminal Facility

Deputy Director General of Forests

Ministry of Environment, Forest and Climate Change (MoEF&amp;CC)

Integrated Regional Office, 1<sup>st</sup> Floor, Additional Office Block for GPOA

Shastri Bhawan, Haddows Road, Nungambakkam, Chennai - 600006, Tamilnadu

*Karaikal Plant:*

Melavanjore Village T R Pattinam Panchayat

Nagore 611 002 India

Tel + 91 4365 256 475/ 476

E-mail: csl@sanmargroup.com

www.chemplastsanmar.com

CIN L24230TN1985PLC011637

Respected Sir/Madam,

Subject: Submission of Half-Yearly Compliance Status Report of the Environmental Clearance (EC) given by Ministry of Environment, Forest and Climate Change (MoEF&CC) -reg.

Reference: MoEF EC/File No.: 10(9)/2004-IA-III dated 23 AUG 2004

With references to the above-mentioned subject, please find the enclosed compliance status report to the conditions contained in the MoEF's EC "Setting up of a Marine Terminal Facility for importing Ethylene for the proposed Ethylene Di Chloride (EDC) plant at Melavanjore, Karaikal by M/s. Chemplast Sanmar Limited, Karaikal" for the period from OCTOBER 2024 to MARCH 2025.

Thanking you and assuring our best cooperation always,

Yours faithfully,

For Chemplast Sanmar Limited,

  
S.Mathivanan

Senior Vice President – Operations

Enclosures: As mentioned aboveCopy to:

The Member Secretary

Puducherry Pollution Control Committee

3<sup>rd</sup> Floor, PHB Building, Anna Nagar

Puducherry - 605005

Regd Office: 9 Cathedral Road Chennai 600 086 India





## COMPLIANCE STATUS

### Subject/Proposal name:

Setting up of a Marine Terminal Facility for importing Ethylene for the proposed Ethylene Di Chloride (EDC) plant at Melavanjore, Karaikal by M/s. Chemplast Sanmar Limited, Karaikal

### Reference:

MoEF EC/File No.: 10(9)/2004-IA-III dated 23 AUG 2004

### PRESENT STATUS OF THE PROJECT

The said project namely "Setting up of a Marine Terminal Facility (MTF) for importing Ethylene for the proposed Ethylene Di Chloride (EDC) plant at Melavanjore, Karaikal by M/s. Chemplast Sanmar Limited, Karaikal" is completed and in operation

### A. Specific Conditions:

#	Conditions by MoEF	Compliance status
i	It shall be ensured that the existing mangroves, if any, at the project site are not adversely affected due to the project activities	Mangrove is not in existence in the project location
ii	Project proponent shall also identify suitable sites for mangrove afforestation and development of green belt in consultation with Forest department, Government of Pondicherry and make adequate budgetary provisions for implementation of the same	Greenery developed in the available area, local varieties are planted. Every year, we are developing green belt on phased manner
iii	All the construction materials sand, blue metal, mooram etc., shall be obtained only from the authorized quarries	Yes, complied. All construction materials used in the project were obtained from authorized sources in high quality
iv	The land pits shall be reclaimed immediately after the construction phase	There were no land pits created during construction phase of the project
v	State Pollution Control Committee in their consent letter no. PPCC/NOC/KKL/EE/2003/264 dated 29 JAN 2003 shall be effectively implemented	Fully complied as per the said consent letter (and its subsequent renewals) given by State Pollution Control Committee
vi	There shall be no withdrawal of ground water in CRZ area, for this project. The proponent shall ensure that as a result of the proposed constructions, ingress of saline water into ground water does not take place. Piezometers shall be installed for regular monitoring for this purpose at appropriate locations on the project site	No ground water utilized for the project. In view of this, the need for the Piezometers installations not necessitated
vii	The project shall not be commissioned till the requisite water supply and electricity to the project are provided by the PWD/Electricity Department	Project commissioned after getting the clearance from the Electricity department. Water supply ensured with the in house Desalination plant
viii	Specific arrangements for rainwater harvesting should be made in the project design and the rainwater so harvested	Rainwater harvesting facility was provided but not effective as the





	should be optimally utilized. Details in this regard should be furnished to this Ministry's Regional Office at Bangalore within 3 months	project location was very close to the sea (and in sea). As the plant is located in CRZ area the ground water is not utilized and water requirement is met with the in house Desalination plant
ix	The facilities to be constructed in the CRZ area as part of this project should be strictly in conformity with the provisions of the CRZ Notification, 1991 as amended subsequently	Being complied with CRZ Notification, 1991 and as amended subsequently in 2011
x	No land reclamation shall be carried out for this project	Complied
xi	Green buffer zone shall be provided all around the project area in consultation with local Forest Department and the report submitted to this Ministry's Regional Office at Bangalore	Green buffer zone developed in the available area and local varieties planted. Every year, we are developing the green belt on phased manner <i>-Pictures of greenery around Marine Terminal Facility is attached</i>
xii	Necessary provisions for mitigating impact of the leakages of the pipeline along with appropriate width for inspection of the pipeline for regulation, monitoring and lighting facilities and plying of battery operated inspection vehicle will be provided	Online leak monitors are in place, there by swift action can be carried out in case of any untoward incident. However there is no such occurrence since inception of the facility to till date. Regular monitoring, illumination facilities & battery operated inspection vehicle are available along the MTF

**B. General conditions:**

#	Conditions by MoEF	Compliance status
i	Construction of the proposed structures should be undertaken meticulously conforming to the existing Central/Local Rules and Regulations including Coastal Regulation Zone Notification 1991 and its amendments. All the construction designs/drawings relating to the proposed construction activities must have approvals of the concerned State/UTs/Government Departments/Agencies	Complied by having construction designs, drawings through M/s. L&T Construction and supported by M/s. Technip India Limited for complying the said requisite rules and regulations
ii	Adequate provisions for infrastructure facilities such as water supply, fuel, sanitation etc. should be ensured for construction workers during the construction phase of the project so as to avoid felling of trees/mangroves and pollution of water and the surroundings	Complied
iii	The project authorities must make necessary arrangements for disposal of solid wastes and for the treatment of effluents by providing a proper waste water treatment plant	There is no effluent/solid waste and noise generation from the operations of the MTF, where





	outside the CRZ area. The quality of treated effluents, solid wastes and noise level etc., must conform to the standards laid down by the competent authorities including the Central/State Pollution Control Board/Committee and the Union Ministry of Environment & Forests under the Environment (Protection) Act 1986, whichever are more stringent	Ethylene and Caustic Soda Lye are being handled
iv	The proponent shall obtain the requisite consents for discharge of effluents & emissions under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 from the Pollution Control Committee before commissioning of the project & copy of each of these shall be sent to this Ministry	Consent obtained from PPCC and same is communicated to the ministry
v	The proponents shall provide for a regular monitoring mechanism so as to ensure that the treated effluents conform to the prescribed standards. The records of analysis reports must be properly maintained and made available for inspection to the concerned State/Central Officials during their visits	Not applicable as there is no effluent generation at MTF
vi	In order to carry out the environmental monitoring during the operational phase of the project, the project authorities should provide an environmental laboratory well equipped with standard equipment and facilities and qualified manpower to carry out the testing of various environmental parameters	The environment laboratory set up at plant site which is operated by the qualified and competent technical persons to carry out the analysis of the environment parameters <i>-Third party environmental monitoring report of Marine Terminal Facility attached</i>
vii	The sand dunes and mangroves, if any, on the site should not be disturbed in any way	There are no sand dunes or Mangroves in and around the site
viii	A copy of the clearance letter will be marked to the concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal	Complied
ix	The Pondicherry Pollution Control Committee should display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office/Tahsildar's Office for 30 days	Complied
x	The funds earmarked for environment protection measures should be maintained, in a separate account and there should be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards should be reported to this Ministry's Regional Office at Bangalore and the State Pollution Control Board/Committee	Complied. Separate budget for the environmental protection measures earmarked every year. All the expenses recorded in advanced accounting system (SAP). Total environmental protection expenditures and investments was





xi	Full support should be extended to the Officers of this and Ministry's Regional Office at Bangalore and the officers of the Central and State Pollution Control Boards by the project proponents during their inspection for monitoring purposes by furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities	around Rs. 3.6 Crores last year Being extended
xii	In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to this Ministry for modification in the clearance conditions or imposition of new ones for ensuring environmental protection	No deviation and alteration of the project was required so far
xiii	This ministry reserves the right to revoke this clearance, if any of the conditions stipulated are not complied with to the satisfaction of this Ministry	Noted
xiv	This Ministry or any other competent authority may stipulate any other additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with	Noted
xv	The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Board, Committee and may also be seen at website of the Ministry of Environment & Forests at <a href="http://www.env.for.nic.in">http://www.env.for.nic.in</a> . The advertisement should be made within 7 days from the date of issue of the Clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Bangalore	Advertisement made in the newspapers on the environmental clearance immediately after obtaining the same. The copy has been forwarded to the Regional office of the ministry at Bangalore
xvi	The Project proponents should inform the Regional Office at Bangalore as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start and Land Development Work	Not Applicable as the project site land belongs to the Government of Puducherry – Port Department

#### Site visits of Ministerial staff

The following table shows the details of site inspection of ministerial representatives so far:

#	Name of Ministerial staff	Date of site inspection
1	Dr. Suresh, Regional Director & Ms. Anjana Kumari, Scientist -D Central Pollution Control Board (CPCB), Bangalore	07 NOV 2019





2	Dr.C.Palpandi, Scientist 'D' Ministry of Environment, Forest and Climate Change (MoEF&CC), Chennai	03 OCT 2024
---	--	-------------

Annexures:

- Photos of Greenery around Marine Terminal Facility
- Third party environmental monitoring report of Marine Terminal Facility

Thanking you,

Yours faithfully,  
For Chemplast Sanmar Limited,

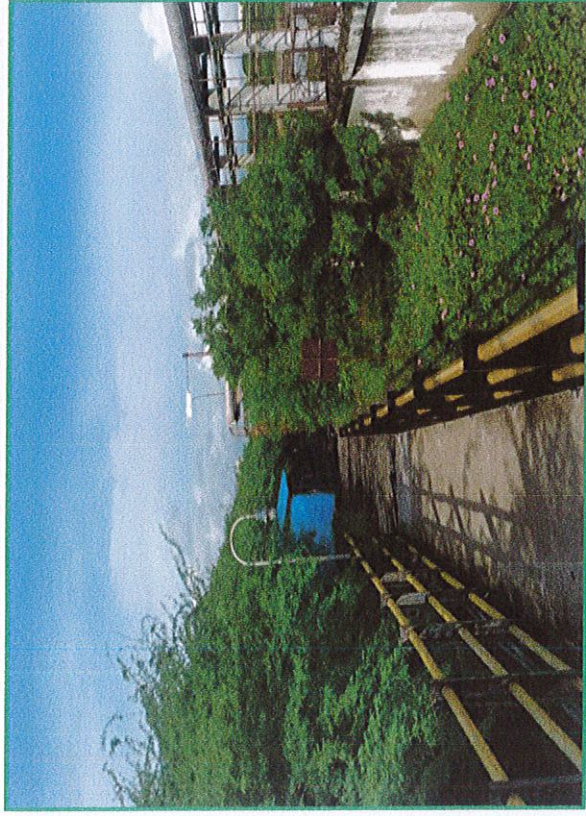
  
S.Mathivanan,

Senior Vice President – Operations





## Greenery around the Marine Terminal Facility







# Interstellar Testing Centre Pvt. Ltd.

(A Group Company of Qualitek Labs Limited)

Plot No.2, Site No. 12/2A, Industrial Estate, Perungudi, Sholinganallur Taluk,  
Chennai - 600096 (Tamil Nadu)

044 - 24962512 ✉ itclabs.chennai@itclabs.com 🌐 www.itclabs.com

Test Report No. : TR02EN-2504301372

ORIGINAL

Page 1 of 1

## Issued To

M/s. Chemplast Sanmar Limited  
315, Melavanjore, Nagore Post, Karaikal Region,  
U.T. of Puducherry, Pincode - 611002.

Sample Registration No. : SR02EN-2504281236

Sample Description# : Ambient Air Monitoring

Received On : 28-04-2025

Sample Location : Out Side Boundary- Marine Terminal Facility

Commenced On : 28-04-2025

Latitude : N 10° 50' 56.3"

Completed On : 03-05-2025

Longitude : E 079° 50' 50.4"

Date of Report : 03-05-2025

Sample Submission Type : Sampled by Lab Rep.

Sampling Procedure : ITC/CHN/GSOP/001

Customer Reference# : Test Request Form/ 26/04/2025

Test Report as per : NAAQ/PPCB Norms

## Sampling Information

Date of Monitoring	: 25.04.25-26.04.25
Duration of Monitoring, minutes	: 1440
Avg. Ambient Temperature, °C	: 32
Avg. Relative Humidity, %	: 69
Sky Appearance	: Clear Sky

S.No.	Parameters	Method	Result	Specification
	Discipline : Chemical			
	Group : Atmospheric Pollution			
	Ambient Air Quality Parameters			
a.	Chlorine (Cl <sub>2</sub> ), µg/m <sup>3</sup>	ITC/CHN/GSOP/044	BDL(DL 1.0)	30 Max
b.	Acid Mist (HCl), µg/m <sup>3</sup>	ITC/CHN/GSOP/044	BDL(DL 1.0)	70 Max
c.	Ethylene, (mg/m <sup>3</sup> )	ITC/CHN/GSOP/044	BDL(DL 0.1)	Not Specified
d.	Ethylene Di Chloride, (mg/m <sup>3</sup> )	ITC/CHN/GSOP/044	BDL(DL 0.1)	Not Specified

# represents Customer Defined Fields

**NOTE** : BDL: Below Detection Limit; DL: Detection Limit; Low Volume Air Sampler; Handy Sampler.

**REMARKS** : The above sample complies with NAAQ/PPCB norms with respect to the above tested parameters.

\*\*\*\*\*End Of Report\*\*\*\*\*

Verified by

Authorised by

R.SAKTHIVEL  
CHEMICAL

## Disclaimer :

The test result related only to the items tested.

The test report shall not be reproduced in full or part without the written approval of ITC Labs, Chennai.

The test items shall not be retained more than 15 days from the date of issue of test report except in the case as required by the regulatory bodies and Customers.