SANMAR

Chemplast Sanmar Limited

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

CSL/KKL/EN/MOEF&CC/2024/NOV/399
11 NOV 2024
Marine Terminal Facility

Deputy Director General of Forests
Ministry of Environment, Forest and Climate Change (MoEF&CC)
Integrated Regional Office, 1st Floor, Additional Office Block for GPOA
Shastri Bhawan, Haddows Road, Nungambakkam, Chennai - 600006, Tamilnadu

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 (along with the requisite annexure) 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 APRIL 2024 to SEPTEMBER 2024.

Thanking you and assuring our best cooperation always,

Yours faithfully,
For Chemplast Sanmar Limited,

S.Mathivanan
Senior Vice President – Operations

Enclosures: As mentioned above

Copy to:
The Member Secretary
Puducherry Pollution Control Committee
3rd Floor, PHB Building, Anna Nagar
Puducherry - 605005

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

PART-I
DATA SHEET

1	Project Type River valley/Mining/Industry/Thermal/Nuclear/ Other Specify		Industry
2	Name of the project		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
3	Clearance letter(s)/OM No. and dated		MoEF EC/File No.: 10(9)/2004-IA-III dated 23 AUG 2004
4	Locations		
	a	Taluk (s) District	Karaikal Karaikal
	b	State (s)	Union Territory of Puducherry
	c	Latitudes/Longitudes	Jetty location - 10° 50' 56" North/79° 52' 17" East
5	Address of correspondence		S.Mathivanan Senior Vice President - Operations 315, Melavanjore Village Nagore Post - 611 002 Karaikal Region Union Territory of Puducherry
	a	Address of concerned project Chief Engineer (with Pin Code & telephone/telex/ fax numbers)	M/s. Technip India Limited Chennai - 600032 Telephone - 044 22303100
	b	Address of Executive Project Engineer/ Manager (with Pin Code/fax numbers)	Mr. Shankar, M/s. Technip India Limited, Chennai - 600032 Telephone/Fax - 044 22303100
6	Salient features		
	a	Salient features of the project	Already submitted
	b	Of the environmental management plans	Already submitted
7	Breakup of the project area		
	a	Project area	Project was for Setting up of a Marine Terminal Facility

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8	Break up of project affected population with enumeration of those losing houses/dwelling units only, agricultural land only, both dwelling units and agricultural land and landless labourers/artisans		-
	a	SC,ST/Adivasis	No
	b	Others	No
9	Financial Details		
	a	Project cost as originally planned and subsequent revised estimates and the years of price reference	Year — Rs. in Crores Up to, 2006 - 2007 - 76.92 2007 - 2008 - 56.71 2008 - 2009 - 7.41 2009 - 2010 - 0.30 2010 - 2011 - 0.03 2011 - 2012 - 0.03 2012 - 2013 - 0.01 2013 - 2014 - 0.10 2014 - 2015 - 0.26 2015 - 2016 - 1.15 2016 - 2017 - 0.47 2017 - 2018 - 0.35 2018 - 2019 - 0.00 2019 - 2020 - 2.75 2020 - 2021 - 18.31 2021 - 2022 - 4.382 2022 - 2023 - 0.663 2023 - 2024 - 14.57 2024 - 2025 - 2.40
	b	Allocations made for environmental management plans, with item wise and year wise breakup	Year — Rs. in Crores Up to, 2006 - 2007 - 0.506 2007 - 2008 - 0.037 2010 - 2011 - 0.459 2011 - 2012 - 0.318 2012 - 2013 - 0.164 2013 - 2014 - 0.103 2014 - 2015 - 0.259 2015 - 2016 - 1.026 2016 - 2017 - 0.896 2017 - 2018 - 0.397 2018 - 2019 - 0.401 2019 - 2020 - 1.146 2020 - 2021 - 2.296 2021 - 2022 - 1.100 2022 - 2023 - 0.604 2023 - 2024 - 2.016 2024 - 2025 - 2.400

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	c	Benefit cost ratio/internal rate of return and the years of assessment	-
	d	Whether (c) includes the cost of environmental management as shown in (b) above	-
	e	Total expenditure on the Project so far	Year — Rs. in Crores Up to, 2006 - 2007 - 76.92 2007 - 2008 - 56.71 2008 - 2009 - 7.41 2009 - 2010 - 0.30 2010 - 2011 - 0.03 2011 - 2012 - 0.03 2012 - 2013 - 0.01 2013 - 2014 - 0.10 2014 - 2015 - 0.26 2015 - 2016 - 1.15 2016 - 2017 - 0.47 2017 - 2018 - 0.35 2018 - 2019 - 0.00 2019 - 2020 - 1.59 2020 - 2021 - 11.97 2021 - 2022 - 5.482 2022 - 2023 - 1.267 2023 - 2024 - 6.01 2024 - 2025 - 2.40
	f	Actual expenditure incurred on the environmental management plans so far	14.128 Crores
10	Forest land requirement		
	a	The status of approval for a diversion of forest land for non-forestry use	NA
	b	The status of compensatory afforestation, if any	NA
	c	The status of clear felling	NA
	d	Comments on the viability and sustainability of compensatory afforestation programme in the light of actual field experience so far	NA
11	The status of clear felling in non-forest area (such as submergence area of reservoir, approach road), if any, with quantitative information		NA
12	Status of construction		
	a	Date of commencement	NOV 2003
	b	Date of completion (actual and/or planned)	SEP 2007
13	Reasons for the delay if the project is yet to start		-
14	Date of site visit		

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	a	The dates on which the project was monitored by the Regional Office on previous occasions, if any	Officials from PPCC frequently visited the site during the project time
	b	Date of site visit for this monitoring report	-
15	Details of correspondence with project authorities for obtaining action plans, information and status of compliance to safeguards		-

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" has been completed and is 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 should be optimally utilized. Details in this regard should be furnished to this Ministry's Regional Office at Bangalore within 3 months	Rainwater harvesting facility was provided but not effective as the 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	The project site is prone for storm & torrential rain. During Thane storm in the year 2011, part of the green belt got damaged and best efforts are being made to develop the same *-Pictures of greenery around Marine Terminal Facility is attached*
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 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	There is no effluent/solid waste and noise generation from the operations of the MTF, where 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	Consent obtained from PPCC and same is communicated to the ministry

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	project & copy of each of these shall be sent to this 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 *-Third party environmental monitoring report of Marine Terminal Facility attached*
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	For environment protection so far an amount of Rs. 14.128 Crores was allocated
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	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	Noted

	stipulate any other additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with	
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 http://www.env.for.nic.in. 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

Annexure:

- 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

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Greenery around the Marine Terminal Facility

CHEMPLAST SANMAR LTD. MELAVANJORE

Interstellar Testing Centre Private Limited

Since 1988

TEST REPORT

Test Report No. : ICE-2410040006

ORIGINAL

Issued To

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

Sample Registration No.	: E02-2410010006		
Sample Description#	: Ambient Air Monitoring	Received On	: 01-10-2024
Sample Location	: Out Side Boundary- Marine Terminal Facility	Commenced On	: 01-10-2024
Latitude	: N 10° 50' 56.3"	Completed On	: 04-10-2024
Longitude	: E 079°50' 50.4"	Date of Report	: 04-10-2024
Sample Submission Type	: Sampled by Lab Rep.		
Sampling Procedure	: ITC/CHN/GSOP/001		
Customer Reference#	: Test Request Form/ 28/09/2024		
Test Report as per	: NAAQ/PPCB Norms		

Sampling Information

Date of Monitoring	: 27.09.24-28.09.24
Duration of Monitoring, minutes	: 1440
Avg. Ambient Temperature, °C	: 32
Avg. Relative Humidity, %	: 63
Sky Appearance	: Clear Sky

S.No.	Parameters	Method	Result	Specification
	Discipline : Chemical			
	Group : Atmospheric Pollution			
	Ambient Air Quality Parameters			
a.	Chlorine (Cl_2), µg/m³	ITC/CHN/GSOP/044	BDL(DL 1.0)	30 Max
b.	Acid Mist (HCl), µg/m³	ITC/CHN/GSOP/044	BDL(DL 1.0)	70 Max
c.	Ethylene, (mg/m³)	ITC/CHN/GSOP/044	BDL(DL 0.1)	Not Specified
d.	Ethylene Di Chloride, (mg/m³)	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
Assistant Manager
Environment Section

Interstellar Testing Centre Private Limited
Plot No. 2, S.No. 12/2A, Industrial Estate,
Perungudi, Sholinganallur Taluk, Chennai - 600 096.
Ph : 044 - 24962512
Email : itclabs.chennai@itclabs.com
Website : www.itclabs.com

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