

CE / SHE/ MoEF -CR /2025 - 2026 -II

18th May 2026

To,

The Deputy Director General of Forests.
Ministry of Environment & Forest and Climate change
Integrated Regional office
1st Floor, Additional Office Block for GPOA
Shastri Bhawan, Haddows Road
Nungambakkam, Chennai - 600006

Sir,

Sub: Half Yearly Report - October 2025 to March 2026.

Here with enclosed our **Compliance status of CRZ Clearance to Permission for Submarine Pipe-line system for imported Ammonia at Ennore Coast under CRZ notification. vide F. No J-17011/9/94-IA III (I) dated 17th June 1994.** for the period of October 2025 to March 2026.

Thanking You,

Yours Faithfully

For Coromandel International Limited,



R. Shanmugam

Associate Vice President - Manufacturing

CC to:

1. Regional Officer - CPCB, SE Zonal, Chennai
2. Joint Chief Environmental Engineer, Chennai.

N. Jathin

Compliance status of CRZ Clearance
No. J- 17011 /9 /94 - IA.III dated 17.06.1994.

S. No	Specific Condition	Status
1	The entire length of the pipeline should be underground except at the factory location.	The entire pipeline was buried under the ground during the installation as per condition 1 of CRZ clearance dated 17-06-1994. However, the shore area started shrinking over a period due to sea erosion. The public work department constructed boulder wall to prevent erosion, during the time the unit had constructed the corridor structure to protect the pipeline which is visible near the shore after getting approval from CRZ clearance dated 09-02-2010
2	The project authorities would take all precautions and adopt full safety measures for handling of ammonia. Adequate precautions for the handling of ammonia vapours in case of emergency situation arising out of the closure of the plant should also be taken.	The unit has installed DCS to monitor the process parameters continuously. The Automatic process and safety trips and interlocks were configured to prevent possible leakage. Ammonia Vapor is being handled through compressors. Flare arrangement is also installed to handle the excess ammonia vapor in case of emergency. Emergency DG sets and Instrument Air compressors were installed to handle emergency scenario especially power failure.
3	The proponents should prepare a proper Disaster Management Plan and a Contingency Plan for any eventuality in the event of ammonia leakage from the pipeline or the storage tank, and submit the same to the Ministry within three months of the issue of the clearance letter.	The unit has also prepared a Disaster Management Plan and Emergency Preparedness Plan for Ammonia handling locations prepared for Industrial Safety and Risk Analysis - CLRI in the year February 1995 and the same was submitted to concerned authorities.
4	The project authorities would adhere to the stipulations made by the Tamil Nadu Pollution Control Board and the State Government on safety/ environmental issues	The conditions given in the consent order is complied.

5	The hazardous waste should be handled as per the Hazardous Wastes (Management & Handling) Rules, 1989 of the Environment (Protection) Act, 1986.	The Unit has maintained the Hazardous Waste as per Manufacture, Storage, and Import of Hazardous Chemicals Rules, 2016.
6	Handling, manufacture, storage and transport of hazardous chemicals should be carried out in accordance with the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1909	In compliance to Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules 1989, we carried out an Independent Comprehensive safety audit by engaging credible agency covering all the plant and industrial activities including Offshore Ammonia pipelines.
7	The project authorities should prepare and submit detailed quantitative risk assessment report along with on-site and off-site emergency preparedness plan (EPP) especially for ammonia stored within the premises of the fertilizers plant as required under the rules 13 and 14 of the Manufacture Storage and Import of Hazardous Chemicals Rules, 1989 within six months. EPPs should have approval from the Competent authorities	The unit has conducted the Quantitative Risk assessment with CLRI under the Rules 13 and 14 of the Manufacture, Storage, and Import of Hazardous Chemicals Rules, 1989. The same report is submitted to concerned authorities.
8	Adequate number of effluent and ground water monitoring stations should be set up in consultation with the State Pollution Control Board. Regular monitoring should be carried out for relevant parameters.	The unit has been analyzing the ground water (Piezo well), STP treated water and MED rejected water on monthly basis. The report is being submitted to SPCB. The Compliance report along with the water analysis report was submitted to MoEF. The last six-month data is attached as Annexure
9	This Ministry or any competent authority may stipulate any further conditions subsequently for the project.	Noted.

Coromandel International Limited

Ennore, Chennai -57

Piezo Bore well Samples result for Oct - 25 to Mar -26

Location: SAP - 2

All parameters are in mg/l except pH

Parameters	pH	TSS	TDS	Cl	Sulphates	Oil & Grease	BOD	COD	T. Phosphates	Ammonical Nitrogen	Fluoride
Oct-25	7.0	28	3100	245	176	<10	<5	48	1.5	<1	1.1
Nov-25	7.2	22	1050	112	110	<10	<5	35	0.4	<1	0.5
Dec-25	7.2	20	1000	105	102	<10	<5	32	0.4	<1	0.5
Jan-26	7.2	18	1050	110	96	<10	<5	30	0.6	<1	0.5
Feb-26	7.3	14	710	86	36	<10	<5	26	0.6	<1	0.4
Mar-26	7.3	14	720	90	40	<10	<5	25	0.6	<1	0.4

Location: Near WTP

All parameters are in mg/l except pH

Parameters	pH	TSS	TDS	Cl	Sulphates	Oil & Grease	BOD	COD	T. Phosphates	Ammonical Nitrogen	Fluoride
Oct-25	7	41	3350	250	162	<10	<5	61	1.8	3	1.2
Nov-25	7.4	36	1120	130	104	<10	<5	40	0.5	3	0.6
Dec-25	7.4	34	1050	122	94	<10	<5	36	0.5	3	0.6
Jan-26	7.3	32	1100	132	90	<10	<5	36	0.5	3	0.6
Feb-26	7.2	12	650	82	18	<10	<5	24	0.5	<1	0.6
Mar-26	7.1	11	680	86	24	<10	<5	28	0.5	3	0.6

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Piezo Bore well Samples result for Oct- 25 to Mar - 26

Location: Near Stores

All parameters are in mg/l except pH

Parameters	pH	TSS	TDS	Cl	Sulphates	Oil & Grease	BOD	COD	T. Phosphates	Ammonical Nitrogen	Fluoride
Oct-25	6.9	32	2700	232	168	<10	<5	58	1.5	3	1
Nov-25	6.9	30	980	102	96	<10	<5	42	1.6	3	0.9
Dec-25	6.9	26	950	96	86	<10	<5	38	1.5	3	0.9
Jan-26	6.9	25	980	102	82	<10	<5	40	1.6	3	0.9
Feb-26	6.9	18	480	56	20	<10	<5	32	0.5	<1	0.6
Mar-26	6.9	16	610	62	30	<10	<5	30	1.6	3	0.5

Location: Near STP

All parameters are in mg/l except pH

Parameters	pH	TSS	TDS	Cl	Sulphates	Oil & Grease	BOD	COD	T. Phosphates	Ammonical Nitrogen	Fluoride
Oct-25	7.1	9	1300	162	72	<10	<5	12	<1	<1	<0.1
Nov-25	7.4	10	1150	142	60	<10	<5	11	<1	<1	<0.1
Dec-25	7.4	8	1080	130	56	<10	<5	10	<1	<1	<0.1
Jan-26	7.2	9	1080	145	60	<10	<5	10	<1	<1	<0.1
Feb-26	7.2	6	1250	145	64	<10	<5	14	<1	<1	<0.1
Mar-26	7.2	6	1200	140	58	<10	<5	12	<1	<1	<0.1

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MED outlet Sea Water analysis report for Oct - 2025 to Mar - 2026

All parameters are in mg/l except pH

Parameters	pH	Temp C	TSS	TDS	Cl	Sulphates	Oil & Grease	BOD	COD	T. Phosphates	Ammonical Nitrogen	Fluoride	Nitrate Nitrogen	Total Nitrogen
Oct-25	8.6	30	2	38100	21200	2700	<10	<5	56	<1	3	<0.1	BDL	3
Nov-25	8.6	28	2	32200	17370	2645	<10	<5	52	<1	3	<0.1	BDL	3
Dec-25	8.5	29	2	33100	18400	2790	<10	<5	50	<1	3	<0.1	BDL	3
Jan-26	8.5	30	2	31910	17730	2750	<10	<5	46	<1	3	<0.1	BDL	3
Feb-26	8.5	29	2	32900	18260	2810	<10	<5	48	<1	3	<0.1	BDL	3
Mar-26	8.5	31	2	41500	23220	2780	<10	<5	45	<1	3	<0.1	BDL	3

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Sewage Treated Water Analysis Report for OCT - 2025 to MAR -2026

Parameters	All parameters are in mg/l except pH		
	pH	TSS	BOD
Oct-25	7.1	3	<5
Nov-25	7.1	3	<5
Dec-25	7.3	3	<5
Jan-26	7.4	2	<5
Feb-26	7.1	2	<5
Mar-26	7.1	3	<5