PETRONET LNG LIMITED

An ISO 9001 : 2015
14001 : 2015
45001 : 2018
55001 : 2014
Certified Company

Petronet LNG Limited

Survey No. 347, Puthuvypu P.O.
Kochi - 682 508, Kerala, India.
Tel: +91- 484 - 2757302 Fax: +91- 484-2502264
www.petronetlng.in | CIN L74899DL1998PLC093073

PLL/KOCHI/KSPCB/2026-27/10

25/06/2026

KERALA STATE POLLUTION CONTROL BOARD * DISTRICT OFFICE * 1-7-26 GANDHI NAGAR COCHIN-682 020 Recived

To,

The Chief Environment Engineer,
Kerala State Pollution Control Board,
Gandhinagar, Kochi – 682020.

Dear Sir,

Subject: Submission of Environment Statement (Form-V) for FY 2025-26.

We are submitting the Environment Statement in Form-V for the financial year 2025-26, in accordance with the Environment (Protection) Rules, 1986.

Thanking you

Sincerely,

PETRONET LNG LIMITED * KOCHI-682 508 *

25/6/26

Mithilesh Singh
CGM & VP (Plant Head)

Enclosed: Environment Statement (Form-V) for FY 2025-26

Copy: The Environment Engineer, District Office-1, KSPCB, Ernakulam, 682020.

ENVIRONMENTAL STATEMENT FORM-V
(See rule 14)

Environmental Statement for the financial year ending with 31st March 2026

PART-A

1	*Name and address of the owner/ Occupier of the industry, operation or process.*	:	Mr. Pramod Narang, Director (Technical) **Kochi Address:** Petronet LNG Limited, Puthuvypu P.O., Ernakulam - 682508 **Corporate Office:** Petronet LNG Limited, World Trade Center, First Floor, Babar Road, Barakamba Lane, New Delhi-110001
2	*Industry category*	:	Red
3	*Production category. Units.*	:	5 MMTPA (Million Metric Tonnes per Annum)
4	*Year of establishment*	:	20th August 2013
5	*Date of the last environmental statement submitted.*	:	13-06-2025

PART -B

Water and Raw Material Consumption:

I. Water Consumption (M^3/Day)

Process : Nil
Cooling : Nil
Domestic : 25.2 KL/day

Name of Products	***Process water consumption per unit of product output***	
	During the previous financial year (FY2024-25)	***During the current financial Year (FY2025-26)***
1. RLNG	Nil	Nil

II. *Raw material consumption*

Name of raw materials	***Name of Products***	***Consumption of raw material per unit of output***	
		During the previous financial year (FY2024-25)	***During the current financial year(FY2025-26)***
LNG	RLNG	0.01927	0.01929*

*0.01929 MT of LNG consumed per MMBTU of output.

PART-C

Pollution discharged to environment/unit of output

(Parameter as specified in the consent issued)

Pollutants		***Quantity of Pollutants discharged (mass/day)***		***Concentration of Pollutants discharged (mass/volume)***	***Percentage of variation from prescribed standards with reasons.***
(a) Water		NIL		NIL	NIL
(b) Air	***Equipment***	***Parameters***	***Quantity of Pollutants discharged (mass/day)***	***Concentration of Pollutants discharged (mass/volume)***	***Percentage of variation from prescribed standards with reasons.***
	GTG-A	NO_x	2542 g/day	36.7 mg/Nm3	No variation from prescribed standard
	GTG-B	NO_x	249 g/day	51.9 mg/Nm3	No variation from prescribed standard
	GTG-C	NO_x	NA	NA	GTG -C was not running in FY 2025-26
	Emergency DG set (EDG)	PM CO_2 CO SO_2 NO_x	32 g/day 0 93.8 g/day 13.3 g/day 19.9 g/day	40.2 mg/Nm^3 0 118 mg/Nm^3 16.7 mg/Nm^3 25 mg/Nm^3	No variation from prescribed standard
b) Air	Fire Pumps-C (Diesel Operated)	PM CO_2 CO SO_2 NO_x	4.7 g/day 0 15.4 g/day 2.2 g/day 3.4 g/day	34.5 mg/Nm^3 0 114 mg/Nm^3 16.6 mg/Nm^3 24.9 mg/Nm^3	No variation from prescribed standard
	Fire Pumps-D (Diesel Operated)	PM CO_2 CO SO_2 NO_x	4 g/day 0 11.3 g/day 1.7 g/day 2.6 g/day	40 mg/Nm^3 0 111 mg/Nm^3 16.3 mg/Nm^3 25 mg/Nm^3	No variation from prescribed standard

	Fire Pumps-E (Diesel Operated)	PM CO_2 CO SO_2 NO_x	4 g/day 0 12 g/day 1.5 g/day 2.3 g/day	39.1 mg/Nm^3 0 117 mg/Nm^3 14.7 mg/Nm^3 23 mg/Nm^3	No variation from prescribed standard
	Fire Pumps-F (Diesel Operated)	PM CO_2 CO SO_2 NO_x	3.3 g/day 0 10.7 g/day 1.3 g/day 2.2 g/day	37.1 mg/Nm^3 0 120 mg/Nm^3 14.9 mg/Nm^3 24.4 mg/Nm^3	No variation from prescribed standard
	Fire Pumps-G (Diesel Operated)	PM CO_2 CO SO_2 NO_x	3.9 g/day 0 12.4 g/day 1.7 g/day 2.8 g/day	38.3 mg/Nm^3 0 123 mg/Nm^3 16.8 mg/Nm^3 28 mg/Nm^3	No variation from prescribed standard

Note: Environmental monitoring in FY 2025-26 was carried out by M/s. Standard Environment & Analytical Laboratories, a KSPCB approved Grade A laboratory.

PART-D

HAZARDOUS WASTES

(As specified under Hazardous Wastes (Management & Handling Rules, 2016)

Hazardous Wastes	***Total Quantity (Kg)***	
	During the previous financial year (2024-25)	***During the current financial year (2025-26)***
(a) Form Process		
1. Used Oil (Schedule 1, Category: 5.1)	446.25 Kg	10706.6 Kg
2. Waste residue containing oil (Schedule 1, Category: 5.2)	130 Kg	148 Kg
3. Empty barrels / containers /liners contaminated with hazardous chemicals /wastes (Schedule 1, Category 33.1). (Used for storing dosing chemicals and used oil)	100 Kg	2464 Kg

4. Industrial use of paints, and Ink wastes (Schedule 1, Category 21.1)	125 Kg	310 kg
(b) From pollution control facilities	Nil	Nil

Notes:

1. For converting used oil from KL to Kg, the density of used oil is taken as 850 Kg/m^3.
2. Used oil generation for FY 2025-26 exceeded the permissible limit specified in the consent. This variance was due to the lube oil replacement for the Gas Turbine Generator (GTG)—a non-routine maintenance activity conducted for the first time since its commissioning in 2013, as per OEM recommendations. PLL had submitted intimation letter to KSPCB for the disposal of used lube oil vide letter no: PLL/KOCHI/KSPCB/2024-25/27, dated 12.03.2025.

PART -E

SOLID WASTES:

Solid Wastes	***Total Quantity (Kg)***	
	During the previous financial year (2024-25)	***During the current financial year (2025-26)***
a. From process	NIL	NIL
b. From Pollution Control Facility	NIL	NIL
c. Quantity recycled or re-Utilised within the unit.	NIL	NIL

Note: Total of 2942 Kg & 2392 Kg of organic manure generated from Kitchen wastes in FY 2025-26 & FY 2024-25 respectively.

PART -F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

SL: No	***Hazardous wastes***	***:***	***Composition***
1	Used oil (Cat 5.1)	:	Organic Matter – 98 – 99 %, Inorganic Matter – 1 – 2 %.
2	Waste residue containing oil (Schedule 1, Category: 5.2)	:	Hydrocarbon
3	Empty barrels / containers /liners contaminated with hazardous chemicals /wastes (Cat 33.1)	:	Plastic or metallic barrels containing chemical / oil residue.
4	Industrial use of paint and Ink wastes (Schedule 1, Category 21.1)	:	Paint pigment, Solvents etc.

Storage and disposal practice:

Terminal follows a structured waste management practices as part of its sustainability efforts, focusing on reducing environmental impact and meeting regulatory requirements. Its approach includes minimizing waste at the source, recycling, and responsible disposal, supported by efficient processes to improve operations and manage costs.

All hazardous waste is managed in accordance with applicable environmental laws and regulations. Waste segregation is practiced across terminal, with designated bins for biodegradable and non-biodegradable materials. The terminal also limits the use of hazardous chemicals, ensuring minimal waste during handling and operations.

Hazardous wastes generated inside the terminal are being disposed /recycled through the agencies authorized by Kerala State Pollution Control Board (KSPCB). Petronet LNG Limited has an agreement with M/s. Cee Jee Lubricants, Aluva and KEIL (Kerala Enviro Infrastructure Limited), Kochi for disposing hazardous wastes generated in the terminal. Hazardous wastes are stored in a dedicated hazardous wastes storage shed inside the terminal till its disposal. Hazardous waste storage shed is constructed and maintained as per the requirement of consent issued by KSPCB. Storage shed is provided with impervious flooring and proper roofing as specified in the consent.

Used oil generated is collected in MS barrels or other suitable containers at the generation point and then shifted to storage shed by concerned department. Used oil and empty chemical barrels are sold to KSPCB authorised recycler, M/s. Cee Jee Lubricants, Aluva.

Waste residues containing oil such as oil-soaked cotton wastes generated at various locations are collected and stored in designated storage bin located inside hazardous waste storage shed. These wastes are disposed through KEIL.

Paint and ink wastes are collected & stored in hazardous waste storage area and is disposed through KEIL.

Signboards are installed at hazardous waste storage for displaying each category of waste storages. Records of hazardous wastes generation are maintained in Form 3 as per Hazardous Wastes (Management & Transboundary movement) rules, 2016.

Manifest systems are being used during the transport of hazardous waste for disposal. Hazardous wastes annual return in Form 4 submitted to KSPCB for FY 2025-26 vide reference no: PLL/KOCHI/KSPCB/2026-27/03 dated 17/04/2026.

Biomedical, e-waste, and battery waste are managed under their respective regulatory frameworks. Hazardous waste is stored for no longer than 90 days, with meticulous record-keeping and disposal through certified agencies.

PART-G

Impact of the pollution control measures taken on conservation of natural Resources and consequently on the cost of production.

An environment management cell (EMC) has been constituted and being maintained in the terminal as required by the environment clearance issued by MoEF&CC to PLL, Kochi Terminal. EMC is headed by Chief General Manager & Vice President (Plant head) and other members are from different plant departments. Environment management cell meets once in a quarter, take review of the situation and propose new environment initiatives.

A rainwater harvesting system has been installed inside the terminal. Rainwater falling on LNG storage tanks is collected and stored in raw water storage tanks. This water is used for domestic use. Condensate water from air heater is directed to fire water storage reservoir. An STP of capacity 30 KLD is installed in the terminal for treating domestic sewages. STP water quality is regularly monitored by plant laboratory dept. and by an external KSPCB grade 'A' environment laboratory. The waste slurry generated from STP is used as manure for plants inside the terminal.

Green belt is developed across the terminal with different plant species appropriate to the environment. Green belt is maintained by the plant horticulture department. Total 330 plants were planted in the green belt in the year 2025-26. A kitchen garden has been set up and maintained inside the terminal.

Three Gas Turbine Generator (GTG) in the terminal are fitted with a Dry low emission burner (DLEB). DLE burners are designed to meet stringent emission standards.

A Continuous Ambient Air Quality Monitoring Station (CAAQMS) is installed at our terminal. Ambient air quality data from CAAQMS has been linked to CPCB server. Ambient air quality data is being continuously monitored and being updated to CPCB server.

Solar power plants of 1150 KW capacity have been installed in the terminal for meeting the power requirements for operating the terminal. Installation of solar power plant of capacity 663 KW completed and awaiting for commissioning.

PART -H

Additional measures/investment proposal for environmental protection including abatement of pollution.

PLL has been certified for Environment Management system, ISO 14001:2015. All the aspects and impacts associated with the terminal operations are identified and control measures are implemented. Objectives are established and it is periodically reviewed for the continual improvement of management system.

Ambient air quality data from CAAQMS, stack emission & hazardous waste generation details are being displayed at terminal main gate using a LED screen.

PART –I

MISCELLANEOUS:

Any other particulars in respect of environmental protection and abatement of pollution.

Nil

For and on behalf of Petronet LNG Limited
Sign: **Date:** 25-06-2026   PETRONET LNG LIMITED KOCHI-682 508
Approved By: Mithilesh Singh
Designation: Chief General Manager & Vice President (Plant Head)