



o/c

Petronet LNG Limited

GIDC Industrial Estate, Plot No. 7/A, Dahej,
Taluka : Vagra, Dist. Bharuch (Gujarat) - 392130 (India)

Tel. : 02641 - 670200 / 257

www.petronetlng.com

CIN: L74899DL 1998PLCO93073

GST No. : 24AAACP8148D1ZM

Ref.: PLL/DHJ/HSE/GPCB/2024/04

Date: April 18, 2024

GPCB XGN ID: 15479

To,

Gujarat Pollution Control Board
Paryavaran Bhavan
Sector-10 A
GANDHINAGAR – 382 010

Sub: Environmental Statement for the financial year April 2023 to March 2024

Dear Sir,

Enclosed Please find Environmental Statement (FORM – V) for the financial year April 2023 to March 2024 for your kind perusal.

Thanking you,

Yours faithfully,

Authorized Signatory
For Petronet LNG Limited

Sanjay Kumar

Plant Head

Encl: As above **Petronet LNG Limited**
Dahej-392130

Copy to:
Gujarat Pollution Control Board, Bharuch

03

22/04/24

Gujarat Pollution Control Board
Head Office
Sector No.-10-A,
Gandhinagar-382010

Regd. Off.:

World Trade Centre, First Floor, Babar Road,
Barakhamba Lane, New Delhi-110 001 (INDIA)
Tel.: 011 - 23472525, 23411411 Fax : +91-11-23709114

Kochi Site :

Survey No. 347, Puthuvypu
P.O. 682508, Kochi (INDIA)
Tel.: 0484-2502268

FORM-V
ENVIRONMENTAL STATEMENT
(See rule 14)

Environmental Statement for the financial year ending with **31st March 2024**

PART - A

i. Name and address of the owner/occupier of the industry operation or process:

Mr. Sanjay Kumar
GGM & President (Plant Head)
M/s Petronet LNG Limited
Plot.7/A, GIDC Industrial Estate
Dahej, Taluka Vagra
Dist. Bharuch – 392130
Ph. 02641-670299/201

ii. Industry category Primary-(STC Code) Secondary-(STC Code)

Not Applicable.

iii. Production capacity – Dahej Unit.

20 MMTPA (Million Metric Tons per Annum) Regasification Capacity

Receipt of LNG through Ship, Storage, Regasification and Dispatch of RLNG and LNG

iv. Year of establishment: **2nd April, 1998**

v. Date of the last environmental statement submitted: 27th April 2023

PART - B

Water and Raw Material Consumption:

i. Water consumption in m³/d:

Process : Nil

Cooling : Nil

Domestic : Average 27 m³/day water intake from GIDC for use of domestic purpose.

Average 92 m³/day water reused for domestic purpose from condensate water generation.

Name of Products	Process water consumption per unit of product output	
	During the previous financial year	During the current financial year
1. Regasified Liquefied Natural gas (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 (F.Y. 2022-23)	During the current financial year (F.Y. 2023-24)
1. Liquefied Natural Gas (LNG)	RLNG	12.9335 MMTPA	16.0303 MMTPA
		17616.56 MMSCM of send out RLNG	21849.39 MMSCM of send out RLNG
MMSCM = Million Metric Standard Cubic Meter MMTPA = Million Metric Ton per Annum			

* Industry may use codes if disclosing details of raw material would violate contractual Obligations, otherwise all industries have to name the raw materials used.

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	No process effluents generated	Not Applicable	Not Applicable
(b) Air			
• Stack emissions from Gas Turbine Generator	----	PM : BDL** SO ₂ : BDL NO _x : 18.4 ppm	Concentration of pollutants discharged is well within the GPCB norms.
• EDG Stacks	----	PM : 88 mg/Nm ³ SO ₂ : 38 ppm NO _x : 46 ppm	

** BDL= Below detection limit

**PART - D
HAZARDOUS WASTES**

(as specified under Hazardous and Other Wastes (Management & Trans boundary Rules, 2016)

Hazardous Wastes (Disposed)	Total Quantity (Kg)	
	During the previous financial year (F.Y. 2022-23)	During the current financial year (F.Y. 2023-24)
1. From Process	Nil	Nil
2. From Pollution Control Facilities	Nil	Nil
3. Used oil	2124 Liters	2295 Liters
4. Waste Residue containing Oil	1101 Kgs	860 Kgs
5. Insulation Waste	Nil	5660 Kgs
6. Paint Waste	Nil	Nil
7. Contaminated Empty carboys, barrels and drums	310 Nos (795 Kgs)	491 Nos (1152 Kgs)

PART - E

SOLID WASTES

Solid Wastes	Total Quantity (Kg)	
	During the previous financial year (F.Y. 2022-23)	During the current financial year (F.Y. 2023-24)
a. From process	Nil	Nil
b. From Pollution Control Facility	Nil	Nil
c. (1) Quantity recycled or re- utilized within the unit.	Nil	Nil
(2) Sold :	Nil	Nil
(3) Disposed: a) E Waste	1930 Kg	1890 Kg

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.

Hazardous waste : Used oil 2295 Liters disposal through GPCB approved Recycler/ Preprocessor, M/s S B Lubricants , Panjaroli, Taluka Hansot, Bharuch

Solid Waste : 1. 860 Kgs Waste residue containing oil (Cotton waste) disposed to approved incineration site of M/s BEIL Infrastructure Ltd, Dahej for incineration process.

2. 491 Nos (1152 Kgs) Contaminated Empty barrels, drums, carboys are sent to approved decontamination facility of M/s Vikas Enterprise, Jaghadia and M/s Maa Enterprise, Ankleshwar

3. 5660 Kgs Insulation waste disposed to landfilling site of M/s BEIL Infrastructure Ltd, Dahej for landfilling.

E-Waste : Total 1890 Kg E - waste disposed to GPCB approved agency , M/s Globe E Waste Management (Earlier known as Earth E Waste Management Pvt. Ltd.)

Used Batteries: Total 25 nos batteries are disposed off as per Batteries Waste Management Rules, 2022.

PART – G

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

Regular Environmental monitoring is carried out through GPCB approved agency. (M/s. Unistar Environment & Research Labs Pvt. Ltd, Vapi) and monitored results are well within the consent limit

PART – H

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

The total Green Belt area approximately 1,66,000 Sq. meters has been allocated in and around periphery wall. Whereas, PH-I & PH-II green belt has been developed and maintained and the PH-III green belt (57,000 Sqm) area development has been initiated. Total lawns/ green cover developed & maintained till date is 30000 Sq.m. In addition to this, 50000 Sqm Green Belt has been developed at Kaladara, Near Ganpatpura, Aliabet, Hansot Taluka, Dist. Baruch.

S.No	Financial Year	Amount Spent (Rs. In Lacs)	Purpose of Investment
1	2009-10	33.22	Development & maintenance of Green belt and Mangrove Plantation during the year.
2	2010-11	55.00	Development & maintenance of Green belt and Mangrove Plantation during the year.
3	2011-12	93.31	Development & maintenance of Green belt and Mangrove Plantation during the year.
4	2012-13	109.57	Development & maintenance of Green belt and Mangrove Plantation during the year.
5	2013-14	95.20	Development & maintenance of Green belt and Mangrove Plantation during the year.
6	2014-15	88.83	Development & maintenance of Green belt and Mangrove Plantation during the year.
7	2015-16	42.20	Development & maintenance of Green belt and Mangrove Plantation during the year.
8	2016-17	77.96	Development & maintenance of Green belt and Mangrove Plantation during the year.
9	2017-18	71.08	Development & maintenance of Green belt during the year.
10	2018-19	60.93	Development & maintenance of Green belt during the year.
11	2019-20	51.11	Development & maintenance of Green belt during the year.

12	2020-21	78.96	Development, maintenance of Green belt & related to STP project during the year.
13	2021-22	76.26	Development & maintenance of Green belt during the year.
		155.34	STP Installation
14	2022-23	74.65	Development & maintenance of Green belt during the year.
		7.76	STP Operation and Maintenance cost
15	2023-24	76.11	Development, maintenance of Green belt during the year
		558.73	Mangrove plantation and Green belt development outside PLL
		7.76	STP Operation and Maintenance cost
Total		1813.98	

PART- I

Any other particulars for improving the quality of the environment.

Total 1450 ha. Mangrove Plantation undertaken along the Gujarat Coast till date as furnished below:

S.No	Financial Year	Covered Area	Location	Consultation with Forest Department/ GEC
1	2009-10	50 ha.	NadaVillage, Jambusar, Bharuch	Gujarat Ecology Commission (GEC), Govt. of Gujarat
2	2010-11	100 ha.	AnkalvaVillage, Hansot, Bharuch	Gujarat Ecology Commission (GEC) , Govt. of Gujarat
3	2011-12	200 ha.	AnkalvaVillage, Hansot, Bharuch	Gujarat Ecology Commission (GEC) , Govt. of Gujarat
4	2012-13	200 ha. 100 ha.	AnkalvaVillage, Hansot, Bharuch RoniyaBhatha, Nr. Nirma, Bhavanagar	Gujarat Ecology Commission (GEC) , Govt. of Gujarat Bhavnagar Forest Division, Govt. of Gujarat
5	2013-14	200 ha.	RoniyaBhatha, Nr.Lock Gate, Bhavanagar	Bhavnagar Forest Division, Govt. of Gujarat
6	2014-15	200 ha.	RoniyaBhatha, Nr.Lock Gate, Bhavanagar	Bhavnagar Forest Division, Govt. of Gujarat
7	2014-15	50 ha.	Kentiyajal, Hansot Bharuch	Bharuch Forest Sub-Division, Govt. of Gujarat
8	2016-17	50 ha.	Gadula Village, Talaja Taluka, Mahuva, Bhavnagar	Bhavnagar Forest Division, Govt. of Gujarat
9	2023-24	100 ha.	Paniyadra Village, Dahej, Bharuch	Bharuch Forest Sub-Division, Govt. of Gujarat
10	2023-24	200 ha.	Kentiyajal, Hansot Bharuch	Bharuch Forest Sub-Division, Govt. of Gujarat
Total		1450 ha.		

(Signature of person carrying out an industry – operation or process)

Name:
Designation:
Address:

Sanjay Kumar
GGM & President (Plant Head)
M/s Petronet LNG Limited
Plot.7/A, GIDC Industrial Estate
Dahej, Taluka Vagra
Bharuch – 392130
Ph. 02641-670299/201

Sanjay Kumar
Plant Head
Petronet LNG Limited
Dahej-392130