



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/2022/15

Date: May 28, 2022

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 2021 to March 2022**

Dear Sir,

Enclosed Please find Environmental Statement (FORM – V) for the financial year April 2021 to March 2022 for your kind perusal.

Thanking you,

Yours faithfully,  
For Petronet LNG Limited

S B Singh  
ED (Plant Head)



**S B Singh**  
ED ( Plant Head )  
Petronet LNG Limited,  
Dahej Terminal-392130

Encl: As above

Copy to:  
Gujarat Pollution Control Board, Bharuch

*AS* 30/5/22  
Post Received  
Gujarat Pollution Control Board  
BHARUCH

**Regd. Off.:**

World Trade Centre, First Floor, Babar Road,  
Barakhamba Lane, New Delhi-110 011 (INDIA)  
Tel.: 011 - 23472525, 23411411 Fax : 23472550

**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 **31<sup>st</sup> March 2022**

**PART - A**

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

Mr. S B Singh  
ED (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.

17.5 MMTPA (Million Metric Tons per Annum) Regasification Capacity

Receipt of LNG through Ship, storage, Regasification and Despatch of Natural Gas and LNG through tanker

iv. Year of establishment: **2<sup>nd</sup> April, 1998**

v. Date of the last environmental statement submitted: **22<sup>nd</sup> April 2021**

**PART - B**

**Water and Raw Material Consumption:**

i. Water consumption in m<sup>3</sup>/d:

Process : Nil  
Cooling : Nil  
Domestic : 21.2 m<sup>3</sup>/day

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. 2020-21)	During the current financial year (F.Y. 2021-22)
1. Liquefied Natural Gas (LNG)	RLNG	15.558 MMTPA	14.4135 MMTPA
		21353.55 MMSCM of send out RLNG	19873.68 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 effluents generated	Not Applicable	Not Applicable
(b) Air (Stack emissions from Gas Turbine Generator)	-----	SPM : BDL** SOx : BDL NOx : 21.4 ppm	Concentration of pollutants discharged is well within the GPCB norms.

\*\* 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. 2020-21)	During the current financial year (F.Y. 2021-22)
1. From Process	Nil	Nil
2. From Pollution Control Facilities	Nil	Nil
3. Used oil	10,500 Liters	2725 Liters
4. Waste Residue containing Oil	846.3 Kgs	967 Kgs
5. Insulation Waste	Nil	Nil
6. Paint Waste	1160 Kgs	Nil
7. Contaminated Empty barrels and drums	Nil	73 Nos (400 Kgs)

**PART - E**

**SOLID WASTES**

Solid Wastes	Total Quantity (Kg)	
	During the previous financial year (F.Y. 2020-21)	During the current financial year (F.Y. 2021-22)
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	1090 Kg	2370 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 :** 1. Used oil 2725 Liters (Disposal through GPCB approved Recycler/ Preprocessor, M/s R.K. steel, Bharuch)

**Solid Waste :** 1. Waste residue containing oil (Cotton waste) of 967 Kgs disposed to approved incineration site of M/s Bharuch Enviro Infrastructure (BEIL), Dahej for incineration process.

2. 73 Nos (400Kg) Contaminated Empty barrels and drums are sent to approved decontamination facility of M/s Vikas Enterprise.

**E-Waste :** Total 2370 Kg E - waste disposed to GPCB approved agency, M/s Earth E Waste Management Pvt. Ltd., Surat

**Lead Acid Batteries:** Total 162 nos batteries are disposed off through supplier buy back system under Batteries (Management and Handling) Amendment Rules, 2010. Details are as follows.

Sr No	Date	Description	Quantity (Nos)	Agency
1	13.04.2021	Exide Battery	05	SURYA POWER BATTERY
2	13.04.2021	Amaron Battery	03	SURYA POWER BATTERY
3	21.10.2021	Exide Battery	34	UMA Battery
4	21.10.2021	SMF Battery	84	UMA Battery
5	29.11.2021	Lead acid battery	36	Deccan Sales & Service

## 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. In addition to this, the total lawns/ green cover developed & maintained till date is 30000 Sq.m.

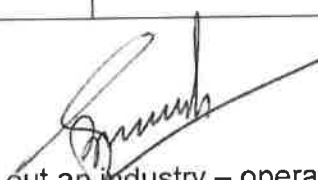
S.No	Financial Year	Amount Spent (Rs. In Lacs)	Purpose of Investment
1	2009-10	33.22	Development & maintenance of Green belt and Mangrove Plantation during the year.
2	2010-11	55.00	Development & maintenance of Green belt and Mangrove Plantation during the year.
3	2011-12	93.31	Development & maintenance 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
<b>Total</b>		<b>1088.97 Lakh</b>	

**PART- I**

**Any other particulars for improving the quality of the environment.**

Total 1150 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
<b>Total</b>		<b>1150 ha.</b>		



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

Name:  
Designation:  
Address:

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