



**PETRONET  
LNG  
LIMITED**

# Petronet LNG Limited

GIDC Industrial Estate, Plot No. 7/A, Dahej,  
Taluka : Vagra, Dist. Bharuch (Gujarat) - 392130 (India)  
Tel. : 02641-300345 / 300405, Fax : 02641-300310 / 300306

www.petronetlng.com  
CIN: L74899DL 1998PLCO93073  
GST No. : 24AAACP8148D1ZM

Ref.: PLL/DHJ/HSE/GPCB/2021/08

Date: April 19, 2021

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 2020 to March 2021**

Dear Sir,

Enclosed Please find Environmental Statement (FORM – V) for the financial year April 2020 to March 2021 for your kind perusal.

Thanking you,

Yours faithfully,  
For Petronet LNG Limited

S B Singh  
ED (Plant Head)



S . B. Singh  
Plant Head  
Petronet LNG Limited  
Dahej 392130

Encl: As above

Post Received on  
Gujarat Pollution Control Board  
BHARUCH  
22/04/21

Copy to:  
Gujarat Pollution Control Board, Bharuch

**FORM-V**  
**ENVIRONMENTAL STATEMENT**  
(See rule 14)

Environmental Statement for the financial year ending with **31<sup>st</sup> March 2021**

**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 category – Dahej Unit.

17.5 MMTPA (Million Metric Tons per Annum) Regasification Capacity  
Receipt of LNG through Ship, storage, Regasification and Despatch of Natural Gas

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

v. Date of the last environmental statement submitted: **21<sup>st</sup> May, 2020**

**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. 2019-20)	During the current financial year (F.Y. 2020-21)
1. Liquefied Natural Gas (LNG)	RLNG	16.186 MMTPA	15.558 MMTPA
		22285.79 MMSCM of send out RLNG	21353.55 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 : Nil SOx : Nil NOx : 19.6 ppm	Concentration of pollutants discharged is well within the GPCB norms.

**PART - D  
HAZARDOUS WASTES**

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

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year (F.Y. 2019-20)	During the current financial year (F.Y. 2020-21)
1. From Process	Nil	Nil
2. From Pollution Control Facilities	Nil	Nil
3. Used oil	3,990 Liters	10,500 Liters
4. Waste Residue containing Oil	Nil	846.3 Kgs
5. Insulation Waste	750 Kgs	Nil
6. Paint Waste	Nil	1160 Kgs

**PART - E**

**SOLID WASTES**

Solid Wastes	Total Quantity (Kg)	
	During the previous financial year (F.Y. 2019-20)	During the current financial year (F.Y. 2020-21)
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	470 Kg	1090 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 10,500 Liters (Disposal through GPCB approved Recycler/ Preprocessor, M/s R.K. steel, Bharuch)

2. Paint Waste of 1160 Kgs disposed to approved incineration site of M/s Bharuch Enviro Infrastructure (BEIL) , Dahej for incineration process

**Solid Waste** : Waste residue containing oil (Cotton waste) of 846.3 Kgs disposed to approved incineration site of M/s Bharuch Enviro Infrastructure (BEIL) , Dahej for incineration process.

**E-Waste** : Total 1090 Kg E - waste disposed to GPCB approved agency , M/s Earth E Waste Management Pvt. Ltd. , Surat

**Lead Acid Batteries:** Total 76 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	19.02.2021	Pulse Lite Battery	16	DECCAN SALES & SERVICE PVT. LTD.
2	04.03.2021	SMF Rechr. Battery EP 26-12, 12V, 26AH	26	UMA BATTERY
3	04.03.2021	Battery EXIDE 12V 42AH	34	UMA BATTERY

## 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.

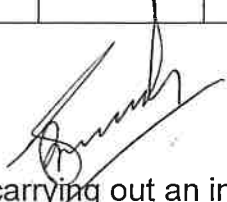
S.No	Financial Year	Amount Spent (Rs. In Lacs)	Purpose of Investment
1	2009-10	33.22	Development & maintenance of Green belt and Mangrove Plantation during the year.
2	2010-11	55.00	Development & maintenance of Green belt and Mangrove Plantation during the year.
3	2011-12	93.31	Development & maintenance 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.
<b>Total</b>		<b>857.37 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, Bhavanagar	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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ED (Plant Head)  
M/s Petronet LNG Limited  
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Dahej, Taluka Vagra  
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