GUJARAT POLLUTION CONTROL BOARD e-Xtended Green Node

Returns

Returns List

Year* 2025-2026

Type Of Returns* Annual

Type Of Production* Form-V (Environment St

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Sr No.	GPCB ID	Annual Return Year	Type Of Returns	Type Of Production	Upload Date	Upload
1	31664	2025-2026	Annual	Form-V (Environment Statement)	25/06/2026	View PDF

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Ports and Logistics

APDPL/AR/FORM-V/2025-2026/01 **Date: 25.06.2026**

XGN ID: 31664

To,
The Member Secretary,
Gujarat Pollution Control Board,
Paryavaran Bhavan,
Sector 10A,
Gandhinagar 382010.

Subject: Submission of Environment Statement (Form – V) for the financial year ending 31st March 2026 for Adani Petronet (Dahej) Port Ltd.

Ref: Consent Order No. AWH – 147362 dated 10.11.2025 valid up to 15.06.2030

Respected Sir/Ma'am,

With reference to the above-mentioned subject and reference, please find enclosed Environmental Statement in Form V prescribed under Rule 14 of the Environment (Protection) Rules 1986, for Adani Petronet (Dahej) Port Ltd., At & PO Lakhigam, Taluka Vagra, District Bharuch for the financial year ending 31st March 2026.

Thanking You,

For, **Adani Petronet (Dahej) Port Ltd.**



(Authorized Signatory).

Encl: As above.

Copy to: The Regional Officer, Regional Office, Gujarat Pollution Control Board, Bharuch

Adani Petronet (Dahej) Port Ltd
Adani Corporate House,
Shantigram, Nr. Vaishno Devi Circle,
S. G. Highway, Khodiyar,
Ahmedabad – 382421 Gujarat, India
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Environment Statement for 2025-26 for Adani Petronet (Dahej) Port Ltd. (PCB ID: 31664)

FORM' V
(See Rule 14)

Environmental Statement for the Financial Year ending 31st March 2026

PART – A

(i)	Name and address of the Owner/ Occupier of the Industry Operation or Process	:	Capt. Dharam Prakash (Chief Operating Officer) ADANI PETRONET (DAHEJ) PORT LTD. At & PO.: Lakhigam, Tal.: Vagra, Dist.: Bharuch.
(ii)	Industry Category Primary (STC Code) Secondary (STC Code)	:	Red – Large NA NA
(iii)	Production Capacity	:	Handling & Storage of Solid cargo - 1.34 MMT/ Month
(iv)	Year of Establishment	:	September 2011.
(v)	Date of last Environment Statement submitted	:	27th June 2025

PART – B

Water and Raw Material Consumption

(i) Water Consumption

Water Consumption Cu. Mtr./Day	**m^3/day**
Process	Nil
Cooling (DSS, DFDS, FFS)	1155.20 m^3/day
Domestic	30.67 m^3/day

Name of Products	Process Water Consumption per unit of Product Output	
	During the Last financial year (2024 – 25)	During the current financial year (2025 – 26)
Handling & Storage of Solid cargo	No process water consumption. **391846 m^3** of water consumption for dust suppression, firefighting & cooling (**0.037 m^3/MT**)	No process water consumption. **376879 m^3** of water consumption for dust suppression, firefighting & cooling (**0.036 m^3/MT**)

*** Unit does not go under any manufacturing process. The water consumed was mainly in firefighting, dust suppression, sprinkling, washing and greenbelt development activities.**

(ii) Raw Material Consumption

Name of Raw Material	Name of Products	Consumption of Raw Material per Unit of Output	
		During the Last financial year (2024 – 25)	During the current financial year (2025 – 26)
NIL*	Not Applicable	Nil	Nil

*** Unit does not go under any manufacturing process. The water consumed was mainly in firefighting, dust suppression, sprinkling, washing and Greenbelt development activities.**

PART – C

Pollutants discharged to Environment/Unit of Output (Parameters as specified in consent issued)

Pollutant	Parameter	Quantity of pollutants discharged (Mass/day)	Concentration of pollutant in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
(a) Water (Domestic Sewage)	TSS	0.296 (Kg/day)	17.5 mg/L	No Deviation from prescribed standards
	BOD	0.147 (Kg/day)	8.67 mg/L	

	Parameter	Quantity of pollutants discharged (Mass/day)	Concentration of pollutant in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
(b) Air	**DG set 1 - SS 5 (MRSS Building)**			
	PM (mg/Nm3)	0.0064 (kg/Day)	50.5 (mg/Nm3)	No Deviation from prescribed standards
	SO_2 (PPM)	0.0047 (kg/Day)	14.33 (PPM)	
	NOx (PPM)	0.0026 (kg/Day)	10.81 (PPM)	
	DG set 2 - SS 7B			
	PM (mg/Nm3)	0.0061 (kg/Day)	48.5 (mg/Nm3)	No Deviation from prescribed standards
	SO_2 (PPM)	0.0050 (kg/Day)	15.14 (PPM)	
	NOx (PPM)	0.0028 (kg/Day)	11.67 (PPM)	
	DG set 3 - SS 08 (Marine Building)			
	PM (mg/Nm3)	0.0058 (kg/Day)	47.5 (mg/Nm3)	No Deviation from prescribed standards
	SO_2 (PPM)	0.0048 (kg/Day)	14.89 (PPM)	
	NOx (PPM)	0.0028 (kg/Day)	11.93 (PPM)	
	DG set 4 - SS 11 (Silo)			
	PM (mg/Nm3)	0.0064 (kg/Day)	42.75 (mg/Nm3)	No Deviation from prescribed standards
	SO_2 (PPM)	0.0056 (kg/Day)	14.68 (PPM)	
	NOx (PPM)	0.0032 (kg/Day)	11.83 (PPM)	
	DG set 5 - SS 7A			
	PM (mg/Nm3)	0.0060 (kg/Day)	49.75 (mg/Nm3)	No Deviation from prescribed standards
	SO_2 (PPM)	0.0047 (kg/Day)	14.64 (PPM)	
	NOx (PPM)	0.0029 (kg/Day)	12.53 (PPM)	

*** Unit does not go under any manufacturing process. The water consumed was mainly in firefighting, dust suppression, sprinkling, washing and Greenbelt development activities.**

- DG sets were kept only as standby power source and used only during power failure. Analysis reports of DG stack monitoring and ambient air quality monitoring are enclosed as Annexure – 1.

- There was approx. 16.89 KL/day treated sewage water generation. The sewage water was treated in the Sewage treatment plant (STP) and treated water confirming to prescribed standards reused in gardening and plantation activities. Analysis Report of STP is attached as Annexure 1.

PART – D

Hazardous Wastes
(As specified under Hazardous Wastes Management and Handling Rules 1989)

Hazardous Wastes	Total Quantity	
	During the Last financial year (2024 – 25)	During the current financial year (2025 – 26)
(a) From Process	1). Sludge and Filter Contaminated with oil (Cat. 3.3) – Nil. 2). Used Oil (Cat. 5.1) – 5.786 MT 3). Wastes/ Residues containing Oil (Cat. 5.2) – Nil. 4). Process Waste, Residues & Sludge (Paint) (Cat. – 21.1) – Nil. 5). Discarded Barrels (Cat. 33.1) – 150 nos. 6). Contaminated Cotton rags or other cleaning materials (Cat. 33.2) – 0.37 MT.	1). Sludge and Filter Contaminated with oil (Cat. 3.3) – Nil. 2). Used Oil (Cat. 5.1) – 3.64 MT 3). Wastes/ Residues containing Oil (Cat. 5.2) – Nil. 4). Process Waste, Residues & Sludge (Paint) (Cat. – 21.1) – Nil. 5). Discarded Barrels (Cat. 33.1) – 1.3 MT (77 nos.) 6). Contaminated Cotton rags or other cleaning materials (Cat. 33.2) – Nil
(b) From Pollution Control facilities	Nil	Nil

PART – E

Solid Waste

Solid Waste	Total Quantity Generated (MT/Annum)	
	During the Last financial year (2024 – 25)	During the current financial year (2025 – 26)
(a) From Process (Ash)	Nil	Nil
(b) From Pollution Control facilities	98 kg dried sludge from STP.	405 kg dried sludge from STP.
(C-1) Quantity recycled or reutilized within the unit	Approx. 20.5 MT (Vermicomposting 19.5 MT & remaining organic waste converted in green manure)	3.89 MT (Tyre and PP Ropes) 19.02 MT (Vermicomposting & organic waste converted in green manure)
(C-2) Sold	259.93 MT (MS Scrap, Rubber scrap, etc.)	24.00 MT (MS and Steel Scrap)
(C-3) Disposed	Nil	Nil

Note: Scrap is collected & stored in designated scrap yard and sold to authorized recycler/ vendor.

PART – F

Please specify the characterization (in terms of Composition and quantum) of hazardous as well as solids wastes and indicate disposal practice adopted for both these categories of waste:

- Used/Spent oil was generated from various maintenance activities which was collected in Barrels kept in covered hazardous waste storage area. This waste are being sold to GPCB authorized Recyclers/Re-Refiners.
- Cotton waste (Oily rugs) generated from site, the same was packed in HDPE bags and stored in Hazardous waste storage area. This waste are being disposed through GPCB authorized CHWIF.
- Horticulture waste is disposed by reusing as green manure for plantation after vermicomposting within premises.

PART – G

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

Unit has installed 50 KLD capacity of (MBR Type) Sewage Treatment Plant for treatment of the Sewage water generated at site. The treated water is being reused within port premises for gardening. Unit has formed dedicated Horticulture department & developing green belt within port premises. Total 26.01 Ha. of green belt is developed till date.

PART – H

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

- Unit is doing Regular Environmental Monitoring of Port & surrounding area through NABL certified Laboratory. All the required environmental parameters are well within specified limit and the details of monitored data are regularly submitted to GPCB.

- Unit has installed STP for the treatment of the Sewage water the treated water is reusing for plantation & gardening activities. Unit has also provided dump pond and conveyance channel for collection of runoffs generated from Coal Yard.

- Unit has provided Dust Suppression System and Dry Fog Dust Suppression System at coal yard & conveyer system and carrying out regular water sprinkling to control the dust exposure. Also, The Wind screen wall has been installed around the periphery of Coal Yard to control the dust exposure.

- Unit has formed dedicated Horticulture department & developing green belt within port premises of 26.01 Ha.

- Regular road cleaning both inside and outside of the port premises is a continuous activity carried out by below two methods. The road sweeping by both methods is carried out till 3 Km from the port main gate on the main road leading to Dahej by APDPL.

  Road cleaning by sweeping machine: APDPL, have 02 nos. of large capacity road sweeping machine and one tractor sweeping machine. Truck mounted Industrial Vacuum Cleaning Machines have road cleaning capacity substantially as the storage capacity of the chassis mounted vacuum machine are 04 tone/ hour each which allow rapid collection of spillage, dust and subsequent disposal.

  Manual Road Cleaning: In addition to the sweeping machine APDPL has employed labour for continuous cleaning of roads both inside and outside the port area. It is done by three team consisting of 5 members each. All the coal dust collected is sent to the coal yard.

- Tyre washing system has been installed at main gate to restrict the dust carry over through cargo vehicles.
- Unit has installed 14 m height wind screen for control of dust from yard.
- Tarpaulin covering of rail wagons at silo.

PART – I

Any other particulars for improving the quality of environment.

- Environmental awareness programs have been conducted during the year for employees & associates at port.
- Integrated housekeeping management is undertaken at top priority to maintain neat and clean working environment in the plant area.
- APDPL adoption of 5 R's principle of waste management i.e., reduce, reuse, reprocess, recycle & recover.
- The sludge generated from the STP is 100% reused as a manure in Greenbelt area within premises.

For,

Date: 25.06.2026

(Authorized Signatory)

Adani Petronet (Dahej) Port Limited

Annexure – 1

DG SETS STACK EMISSION AND NOISE LEVEL MONITORING

1. MRSS (SS 5) 125 KVA

SR. NO.	TEST PARAMETERS	UNIT	DG SET # 1 MRSS (SS 5) 125 KVA			
			13/05/2025	19/08/2025	13/11/2025	27.02.2026
1	Particulate Matter	mg/Nm3	43.00	47.00	52.00	60.00
2	Sulphur Dioxide	ppm	15.04	13.44	14.46	14.36
3	Oxide of Nitrogen	ppm	8.51	7.18	8.81	18.72
4	Non-Methyl Hydro Carbon (NMHC)	mg/m3	N.D.	N.D.	N.D.	N.D.
5	Carbon Monoxide (CO)	mg/Nm3	64.36	66.86	70.19	77.71
DG NOISE Leq dB (A)			65.8	62.6	58.9	60.4

BDL*: Below Detection Limit: Non-Methyl Hydro Carbon 5 mg/m3, Result on 15% O2 Correction when oxygen is greater than 15%

2. SS7B 125 KVA

SR. NO.	TEST PARAMETERS	UNIT	DG SET # 2 SS7B 125 KVA			
			13/05/2025	19/08/2025	13/11/2025	27.02.2026
1	Particulate Matter	mg/Nm3	48.00	41.00	47.00	58.00
2	Sulphur Dioxide	ppm	13.35	14.83	15.93	16.46
3	Oxide of Nitrogen	ppm	7.64	8.34	10.17	20.52
4	Non-Methyl Hydro Carbon (NMHC)	mg/m3	N.D.	N.D.	N.D.	N.D.
5	Carbon Monoxide (CO)	mg/Nm3	78.18	79.46	78.48	75.43
DG NOISE Leq dB (A)			65.3	61.1	60.6	63.8

BDL*: Below Detection Limit: Non-Methyl Hydro Carbon 5 mg/m3, Result on 15% O2 Correction when oxygen is greater than 15%

3. MARINE (SS8) 125 KVA

SR. NO.	TEST PARAMETERS	UNIT	DG SET # 3 MARINE (SS8) 125 KVA			
			13/05/2025	19/08/2025	13/11/2025	27.02.2026
1	Particulate Matter	mg/Nm3	39.00	44.00	49.00	58.00
2	Sulphur Dioxide	ppm	14.90	12.03	15.37	17.26
3	Oxide of Nitrogen	ppm	7.37	9.13	9.82	21.39
4	Non-Methyl Hydro Carbon (NMHC)	mg/m3	N.D.	N.D.	N.D.	N.D.
5	Carbon Monoxide (CO)	mg/Nm3	81.46	89.65	90.27	84.52
DG NOISE Leq dB (A)			65.4	59.7	56.3	62.2

BDL*: Below Detection Limit: Non-Methyl Hydro Carbon 5 mg/m3, Result on 15% O2 Correction when oxygen is greater than 15%

4. SILO (SS11) 125 KVA

SR. NO.	TEST PARAMETERS	UNIT	DG SET # 4 SILO (SS11) 125 KVA			
			13/05/2025	19/08/2025	13/11/2025	27.02.2026
1	Particulate Matter	mg/Nm^3	41.00	38.00	41.00	51.00
2	Sulphur Dioxide	ppm	11.84	15.04	16.87	14.96
3	Oxide of Nitrogen	ppm	8.53	7.49	11.56	19.74
4	Non-Methyl Hydro Carbon (NMHC)	mg/m^3	N.D.	N.D.	N.D.	N.D.
5	Carbon Monoxide (CO)	mg/Nm3	70.55	73.39	77.64	72.47
DG NOISE Leq dB (A)			65.3	60.7	59.9	61.3

BDL*: Below Detection Limit: Non-Methyl Hydro Carbon 5 mg/m3, Result on 15% O2 Correction when oxygen is greater than 15%

5. SS 7A 125 KVA

SR. NO.	TEST PARAMETERS	UNIT	DG SET # 5 SS 7A 125 KVA			
			13/05/2025	19/08/2025	13/11/2025	27.02.2026
1	Particulate Matter	mg/Nm3	48.00	41.00	47.00	58.00
2	Sulphur Dioxide	ppm	13.35	14.83	15.93	16.46
3	Oxide of Nitrogen	ppm	7.64	8.34	10.17	20.52
4	Non-Methyl Hydro Carbon (NMHC)	mg/m3	N.D.	N.D.	N.D.	N.D.
5	Carbon Monoxide (CO)	mg/Nm3	78.18	79.46	78.48	75.43
DG NOISE Leq dB (A)			67.3	67.3	60.2	59.1

BDL*: Below Detection Limit: Non-Methyl Hydro Carbon 5 mg/m3, Result on 15% O2 Correction when oxygen is greater than 15%

Ambient Air Quality Result

FY 2025-2026 Average Values								
Sr. No.	Parameters	UOM	Marine Building	EHS Building	SS 7B Building	JS 1	Silo Gate	SS 11 terrace
1	Respirable Particulate Matter (PM10)	$\mu g/m^3$	73.93	67.85	73.54	62.97	64.00	65.00
2	Particulate Matter (PM 2.5)	$\mu g/m^3$	40.40	33.98	39.11	30.35	28.53	27.12
3	Sulphur Dioxide (SO_2)	$\mu g/m^3$	16.34	12.38	15.65	13.64	12.49	13.45
4	Oxides of Nitrogen (Nox)	$\mu g/m^3$	23.26	17.44	20.27	17.29	16.46	17.69

STP Treated Water Results

Parameters	Unit	Min	Max	GPCB Permissible Limit
pH	-	6.42	7.88	6.5-9.0
BBTSS	mg/L	10	28	<100
BOD (3 Days @ 27 ^{0}C)	mg/L	<2	25	<30
Fecal Coliform Bacteria	MPN/ 100ml	Not Detected	Not Detected	<1000

Annexure – 2

Expenditure for Environmental Protection Activities during FY 2025-2026

SR. NO.	ACTIVITY/ CATEGORY	Cost incurred (INR in Lakhs)
		2025 - 2026
1.	EHS Manpower	8.50
2.	Legal & Statutory Expenses	5.00
3.	Environmental Monitoring Services	11.44
4.	Cost for Water Consumption and use dust suppression	315.00
5.	Hazardous Waste Management & Disposal	2.00
6.	Greenbelt Development and Plantation	45.00
7.	O&M of Sewage Treatment Plant	10.32
8.	Environment Day Celebration	0.50
9.	Treatment and Disposal of Bio-Medical Waste	2.14
10.	Operation and Maintenance of Road Cleaning equipment and manpower	55.00
11.	Operation and Maintenance of Fire staff engage in water sprinkling activity	90.28
Total Amount (INR In Lakhs)		**545.18**