

APSEZL/EnvCell/2025-26/059

Date: 08.09.2025

To,

✓ **Member Secretary**

Gujarat Pollution Control Board

Paryavaran Bhavan,

Sector-10-A, Gandhinagar-382010

Dear Sir,

Sub: Environmental Statement for the financial year ending 31st March, 2025 for **M/s Adani Mundra SEZ Infrastructure Pvt. Ltd.**

Ref: PCB ID: - 10602, Consent Order No. AWH-121264 Valid up to: 02.09.2027

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 **M/s Adani Mundra SEZ Infrastructure Pvt. Ltd., Plot No. / Survey No. 141 (Part), Village & Taluka: Mundra, Dist. Kutch - 370421** for the financial year ending 31st March 2025.

Thank you,

Yours faithfully,

For **Adani Mundra SEZ Infrastructure Pvt. Ltd.**

[Signature]

Authorized Signatory

Encl: As above.

Copy to: The Regional Officer, Gujarat Pollution Control Board, Gandhidham.

[Signature] 11/09/25

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

Adani Mundra SEZ Infrastructure Pvt Ltd
Samudra Township, Nr IOCL Terminal
Old Port Road, Taluka Mundra
Mundra, Kutch 370 421
Gujarat, India

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FORM V
(See Rule 14)

Environmental Statement for the Financial Year ending 31st March 2025

PART – A

- (i) Name and address of the Owner/
Occupier of the Industry Operation
or Process : Mr. Sujalkumar Shah
CEO – Mundra & Tuna Port
Adani Ports and SEZ Limited
4th Floor, Adani House,
Mundra, Kutch – 370421.
Ph No. (02838) 255000
- (ii) Industry Category : Red-Large
Primary (STC Code) NA
Secondary (STC Code) NA
- (iii) Production Capacity : Township and Area Development of
Housing Colonies, Public Amenities and
Other Physical infrastructure projects
- (iv) Year of Establishment : 2010
- (v) Date of last Environment
Statement submitted : 02/09/2024

PART – B**Water and Raw Material Consumption****(i) Water Consumption**

Water Consumption Cu. Mtr./Day	Average
Process	Nil
Cooling	Nil
Domestic (included Horticulture/Gardening)	1286.21 m ³ /day

*Details of month wise Water Consumption are attached as **Annexure – 1**.

Name of Products	Process Water Consumption per unit of Product Output	
	During the current financial year (2023-24)	During the current financial year (2024-25)
Infrastructure Project*	--	--

* Unit does not go under any manufacturing process. Unit involves Infrastructure project including township and area development of housing colonies, public amenities and other physical infrastructure projects. The water consumed was mainly in horticulture / gardening and domestic activity. Construction of 1917 no. of dwelling units is completed along with a hostel blocks, multispecialty hospital and shopping mall till date.

(ii) Raw Material Consumption

Name of Raw Material	Name of Products	Consumption of Raw Material per Unit of output	
		During the current financial year (2022-23)	During the current financial year (2023-24)
NIL**	Not Applicable	Nil	Nil

** Unit does not go under any manufacturing process. Hence there is no any raw material consumption.

Environment Statement for 2024-25 for M/s Adani Mundra SEZ Infrastructure Pvt. Ltd.

(PCB ID: 10602)

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

Pollutants	Quantity of pollutants discharged (Mass/day)		Concentrations of pollutants in discharges		Percentage of variation from prescribed standards with reasons
	Parameters	Avg. Mass Kg/Day	Parameters	Avg.	
(a) Domestic Wastewater	pH	--	pH	7.32	There is no variation from prescribed standards in terms of quality of wastewater discharge. - Domestic sewage is treated from Township & hospital into Sewage Treatment Plant of capacity-2.5 MLD. - Details of treated water discharged during April-2024 to March-2025. Attached as Annexure – 1. - Quality of Treated water from STPs is being analyzed on regular basis through NABL / MoEF&CC accredited laboratory M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. - Analysis reports of treated sewage are enclosed as Annexure – 2. - Treated water is being reused in gardening and plantation activities within township, SEZ & hospital premises.
	Total Suspended Solids	18.804	Total Suspended Solids (mg/l)	20.61	
	BOD (5 Days @ 20 °C)	14.131	BOD (5 Days @ 20 °C) (mg/l)	15.49	
	Residual Chlorine	0.652	Residual Chlorine (mg/l)	0.72	
	Fecal Coliform	27.031	Fecal Coliform MPN INDEX/100 mL	29.63	
(b) Air (DG Stack 500 KVA)	Parameters	Avg. Mass Kg/Day	Parameters	Avg	There is no variation from prescribed standards in terms of quality of Air emission. - DG sets are provided as a standby power source and used during main power failure only. - Analysis reports of stack are enclosed as Annexure – 2. - The ambient air quality monitoring is being done regularly. Analysis reports of ambient air quality monitoring are enclosed as Annexure – 2.
	Particulate Matter (PM)	0.0088	Particulate Matter (mg/Nm ³)	19.61	
	Sulphur Dioxide (SO ₂)	0.0086	Sulphur Dioxide (PPM)	7.45	
	Nitrogen Oxide (NO _x)	0.0219	Nitrogen Oxide (NO _x) (PPM)	26.52	

Environment Statement for 2024-25 for M/s Adani Mundra SEZ Infrastructure Pvt. Ltd.

(PCB ID: 10602)

PART – D**Hazardous Wastes****(As specified under Hazardous Wastes Management and Handling Rules 1989)**

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year (2023-24)	During the current financial year (2024-25)
(a) From Process	Nil	Nil
(b) From Pollution Control facilities	Nil	Nil

Note: Please refer Annexure – 3 -waste generated / disposed from entire Adani Ports & SEZ**PART – E****Solid Waste**

Solid Waste	Total Quantity Generated (MT/Annum)	
	During the current financial year (2023-24)	During the current financial year (2024-25)
a) From Process (Ash)	Nil	Nil
b) From Pollution Control facilities	Details is Attached as Refer Annexure – 3	Details is Attached as Refer Annexure – 3
(C-1) Quantity recycled or reutilized within the unit		
(C-2) Sold		
(C-3) Disposed		

Note: Please refer Annexure – 3 -waste generated / disposed from entire Adani Ports & SEZ Limited**PART - F****Please specify the characterization (in terms of Composition and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes:**

- "Zero Waste company" initiative by APSEZ i.e. No waste is being sent to landfill or incineration facility @ Adani Ports & SEZ, rather being managed through 5 R principal of waste Management.
- APSEZ has eminent material recovery facility (MRF), having appropriate facility to proper segregate & recover the materials as per set process. Mixed Waste is being segregated via specialized mix waste segregation machine in two forms –Bio and Non bio without manual segregation, where risk to health hazards is minimized. Further waste is segregated into 16 streams at MRF, which is sent to different end users following the 5 R principle. To manage all operation of MRF, APSEZ developed local vendor though his past learnings and employed local women staff mainly to segregate waste.
- Wet Waste is being managed through Organic Waste Composting Facility and Biogas generation.
- Installed 02 no's biogas plant at Central Kitchen location. This plant is sufficient to manage the food Waste generated from APSEZ area. (700 Kg + 200 kg per day)
- Dry waste and e-waste collection drive is being organized every month within townships to collect municipal solid waste as well as e-waste from households.
- Plastic Free APSEZ Drive-which demonstrate commitment towards elimination of single use plastic.
- Plastic free APSEZ Drive:

Environment Statement for 2024-25 for M/s Adani Mundra SEZ Infrastructure Pvt. Ltd.

(PCB ID: 10602)

- APSEZ pasted stickers spreading awareness among their zone as plastic are prohibited now.
 - Replacement of conventional plastic garbage collection bag with biodegradable / compostable bags & also Rafia bags (more than 120 µm size) for other waste collection.
 - Conducted Training Awareness Programme with Adani Foundation for Student on "Single Use Plastic Ban" at Adani Vidya Mandir, Bhadreswar.
 - APSEZ, Mundra organized the beach cleaning activity on 2nd April 2024 at Mandavi Beach on the occasion of National Maritime Day/Week. The event was not just a routine cleanup, but a testament to the collective dedication of Adani employees, their families, children, and the Coast Guard team towards environmental stewardship and maritime heritage preservation. Around 250 kgs of waste was collected and disposed of as RDF in Ambuja Cement.
 - Awareness sessions organized among department and contract workers.
 - Made shop keepers and canteen owners to stop providing plastic carry bags to carry the material.
 - Regular supervision by Team Members at Port Canteens and Shops townships for verification of prohibition of plastic.
 - Defined 3 Levels to achieve plastic free APSEZ.
-
- APSEZ, Mundra has been awarded the Zero Waste to Landfill Management System certification (Certificate No.: CII/ZWL/2025/001) by the Confederation of Indian Industry (CII), valid until 22nd December 2027.
 - Sludge generated from STP is being utilized as manure for horticulture purposes.
 - SEZ industries are managing their waste as per their own standard procedure and following regulatory norms.
 - APSEZ, demonstrating its dedication to environmental responsibility, organized a week-long program for World Environment Day/Week 2024 (June 4th - 12th). The theme, "Land Restoration, Desertification, and Drought Resilience," led a series of events focused on planting trees, raising awareness, and promoting action. Over 1,000 saplings were planted near the ASHAPURA Canteen. Employees received indoor plants and participated in a cleanliness drive, collecting nearly 500 kg of waste responsibly disposed of as fuel. An awareness campaign targeting children in Shantivan & Samundra Colony focused on banning single-use plastic and water conservation. Knowledge sharing was fostered through an external training program on environmental regulations for APSEZ employees and other businesses in the SEZ. Encouraging creativity, APSEZ held online quizzes, poster competitions and waste to best. The week concluded with a special event at Adani Public School, where students took an environmental oath and received Tulsi plants. Winners of various competitions were also recognized.

PART – G

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

- Domestic sewage generated by Township & Hospital is treated into 2.5 MLD capacity STP having the latest MBR technology.
- Wastewater generated from the hospital is being pretreated with hypochlorite solution and further sent to the further treatment to 2.5 MLD capacity STP at Samudra Township.
- Treated sewage is being utilized by the horticulture department for plantation and gardening of AMSIPL project and Mundra SEZ greenbelt development to conserve the freshwater consumption.

Energy Savings (APSEZ)

- 217 nos. of Electrical truck Vehicle for internal movement of material (E-ITV's).
- 10 nos. of Electrical Car for movement of employees and all are working.
- Replacement of diesel loco by Electrified railway line of approx. 91 km from West port to Adipur Railway station.
- Installed 8.8 MW roof top solar generating plant at various locations and 22.4 MW (10.4 MW installed in 2023-24) wind generating plant in SEZ in Mundra.
- Installed 8.8 MW roof top solar generating plant at various locations in SEZ in Mundra which generated nearly 8.54 million units in FY 2024-25 and utilized the renewable source of energy for captive use this reduced the emission of CO2 by nearly 7002 tCo2e.

Water Conservation:

- Water reducers have been installed in Residence Area and various offices.
- Waterless urinals have been placed in various offices.
- Modifications of flush tank have been added in water system of toilet area in Port User Buildings.
- Recollection of water provided for hydro testing through water.

Following safeguard measures are taken for abatement of dust and noise emissions:

- Regular cleaning of roads
- D.G. Set having acoustic enclosures
- Adequate greenbelt and plantation area

Environment Statement for 2024-25 for M/s Adani Mundra SEZ Infrastructure Pvt. Ltd.

(PCB ID: 10602)

PART – H

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

- APSEZ has started 8000 nos. of plantation at Moti Bhujpur under CER activity under the project 1840 ha. EC condition to showcase its commitment for protection of environment & climate change.
- Treated water from STP is used for gardening and horticulture activity within APSEZ premises to conserve freshwater consumption.
- Unit has formed a dedicated Horticulture department & developing green belt within port premises.
- In AMSIPL more than 58.26 ha. area is developed as greenbelt with samplings of more than 75.60 thousand.
- In entire APSEZ more than 457.99 ha. area is developed as greenbelt with samplings of more than 9.06 Lacs.
- The following safeguard measures are taken for abatement of dust and noise emissions.
 - ✓ Regular sprinkling on road and other open areas
 - ✓ Regular cleaning of roads
 - ✓ Development of greenbelt along the periphery of the storage yards/back up area
 - ✓ D.G. Sets having acoustic enclosures.

PART – I

Any other particulars for improving the quality of the environment:

- Monitoring of environmental parameters such as Air, Noise, and wastewater quality being done regular basis through MoEF&CC & NABL recognized laboratory (M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi).
- APSEZ Budget for environmental management measures (including horticulture) for the FY 2024-25 is to the tune of INR **1340.21** lakh. Out of which, Approx. INR **1029.51** is spent during the year FY 2024-25. Detailed breakup of the expenditures for the FY 2024-25 is attached as **Annexure – 4**.
- APSEZ is driving paperless office and plastic free drive to eliminate the use of papers and plastic materials to the extent possible within ports, SEZ and residential townships.



Date: 08-09-2025

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

Designation: **Head-Environment Cell**

Environment Statement for 2024-25 for M/s Adani Mundra SEZ Infrastructure Pvt. Ltd.

(PCB ID: 10602)

ANNEXURE – 1

Water Consumption and Wastewater Treated Details for AMSIPL (April'24 to March'25)

Month	Wastewater	Fresh Water Consumption	
	Treated Sewage, KL	Industrial, KL	Domestic (Included Horticulture/Gardening)-KL
Apr-24	29539	Nil	36945
May-24	34521	Nil	40084
Jun-24	25909	Nil	42840
Jul-24	22612	Nil	43414
Aug-24	27768	Nil	48777
Sep-24	28235	Nil	29629
Oct-24	27887	Nil	40952
Nov-24	29501	Nil	35400
Dec-24	25013	Nil	36619
Jan-25	22804	Nil	34844
Feb-25	25661	Nil	41289
Mar-25	33590	Nil	38675
Total	333040	Nil	469468
Per Month	27753	Nil	39122
Per Day	912.44	Nil	1286.21

RESULTS OF STP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	SAMUNDRA TOWNSHIP STP OUTLET						GPCB Permissible Limit	TEST METHOD
			Apr-24		May-24		Jun-24			
			11-04-2024	27-04-2024	10-05-2024	24-05-2024	12-06-2024	26-06-2024		
1	pH @ 25 ° C	--	7.39	7.38	7.19	7.24	7.45	7.33	6.5 to 9	IS 3025 (Part-11):2022
2	Total Suspended Solids	mg/L	24	22	22	20	20	20	100	APHA 24th Ed.2023,2540 - D
3	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	16	18	16.8	14.8	14.5	14.2	30	APHA 24th Ed.2023,5210-B
4	Residual chlorine	mg/L	0.69	0.78	0.75	0.84	0.78	0.75	0.5 Min.	APHA 24th Ed.2023,4500-Cl-G
5	Fecal Coliform	MPN Index/100ml	22	34	26	33	27	34	1000	IS 1622: 1981

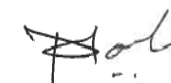
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RESULTS OF STP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	SAMUNDRA TOWNSHIP STP OUTLET						GPCB Permissible Limit	TEST METHOD
			Jul-24		Aug-24		Sep-24			
			06-07-2024	24-07-2024	13-08-2024	24-08-2024	05-09-2024	20-09-2024		
1	pH @ 25 ° C	--	7.25	6.79	7.1	7.14	7.53	7.42	6.5 to 9	IS 3025 (Part-11):2022
2	Total Suspended Solids	mg/L	16	20	18	10	BDL(MDL:4.0)	14	100	APHA 24th Ed.2023,2540-D
3	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	14.5	15	14.6	14.8	11	16	30	APHA 24th Ed.2023,5210-B
4	Residual chlorine	mg/L	0.76	0.84	0.64	0.68	0.74	0.88	0.5 Min.	APHA 24th Ed.2023,4500-Cl-G
5	Fecal Coliform	MPN Index/100ml	26	33	27	34	26	33	1000	IS 1622: 1981



Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

Results of Ambient Air Quality Monitoring

Name of Location		SAMUDRA TOWNSHIP – STP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
1.	01-04-2024	82.41	21.26	11.63	16.47	NOT DETECTE D	NOT DETECTE D	<5.0	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D
2.	04-04-2024	80.25	18.37	10.56	15.11	--	--	--	--	--	--	--	--
3.	08-04-2024	83.75	21.96	12.11	17.62	--	--	--	--	--	--	--	--
4.	11-04-2024	78.89	19.47	10.95	15.31	--	--	--	--	--	--	--	--
5.	15-04-2024	85.13	22.29	12.23	17.39	--	--	--	--	--	--	--	--
6.	18-04-2024	81.37	18.92	10.84	15.46	--	--	--	--	--	--	--	--
7.	22-04-2024	84.72	20.47	11.65	16.24	--	--	--	--	--	--	--	--
8.	25-04-2024	79.15	18.36	10.28	15.77	--	--	--	--	--	--	--	--
9.	29-04-2024	83.52	22.1	12.42	17.13	--	--	--	--	--	--	--	--
10.	02-05-2024	80.13	20.52	10.83	15.48	--	--	--	--	--	--	--	--
11.	06-05-2024	82.64	21.89	12.64	16.49	--	--	--	--	--	--	--	--
12.	09-05-2024	79.28	20.16	11.42	15.63	--	--	--	--	--	--	--	--
13.	13-05-2024	77.83	18.35	10.74	15.12	--	--	--	--	--	--	--	--
14.	16-05-2024	83.26	21.74	12.69	15.97	--	--	--	--	--	--	--	--
15.	20-05-2024	80.81	19.79	12.18	17.02	--	--	--	--	--	--	--	--
16.	23-05-2024	78.25	18.42	10.85	15.74	--	--	--	--	--	--	--	--

Continue...

Name of Location		SAMUDRA TOWNSHIP – STP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
17.	27-05-2024	82.46	20.13	12.42	16.57	--	--	--	--	--	--	--	--
18.	30-05-2024	79.91	18.74	10.86	15.38	--	--	--	--	--	--	--	--
19.	03-06-2024	83.12	19.86	12.11	16.83	--	--	--	--	--	--	--	--
20.	06-06-2024	81.53	18.75	11.86	15.95	--	--	--	--	--	--	--	--
21.	10-06-2024	78.85	17.24	10.53	15.1	--	--	--	--	--	--	--	--
22.	13-06-2024	80.67	19.54	11.81	16.23	--	--	--	--	--	--	--	--
23.	17-06-2024	74.38	18.14	10.48	15.26	--	--	--	--	--	--	--	--
24.	20-06-2024	71.29	16.82	10.34	15.63	--	--	--	--	--	--	--	--
25.	24-06-2024	45.93	13.28	8.52	10.25	--	--	--	--	--	--	--	--
26.	27-06-2024	52.38	15.21	9.17	12.46	--	--	--	--	--	--	--	--
27.	01-07-2024	58.39	15.47	7.84	10.36	NOT DETECTE D	<5.0	<5.0	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D
28.	04-07-2024	68.15	15.39	9.74	12.35	--	--	--	--	--	--	--	--
29.	08-07-2024	73.29	19.12	12.45	15.86	--	--	--	--	--	--	--	--
30.	11-07-2024	65.13	17.56	10.37	13.89	--	--	--	--	--	--	--	--
31.	15-07-2024	69.35	19.05	11.36	15.58	--	--	--	--	--	--	--	--
32.	18-07-2024	57.11	15.34	9.75	11.47	--	--	--	--	--	--	--	--
33.	22-07-2024	52.58	15.83	8.16	11.21	--	--	--	--	--	--	--	--

Continue...

Name of Location		SAMUDRA TOWNSHIP – STP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
34.	25-07-2024	64.15	16.31	10.64	14.1	--	--	--	--	--	--	--	--
35.	29-07-2024	56.73	15.35	9.72	12.24	--	--	--	--	--	--	--	--
36.	01-08-2024	61.42	15.87	9.26	11.94	--	--	--	--	--	--	--	--
37.	05-08-2024	58.86	15.12	8.83	11.48	--	--	--	--	--	--	--	--
38.	08-08-2024	63.72	16.49	9.54	12.13	--	--	--	--	--	--	--	--
39.	12-08-2024	68.53	17.15	10.73	13.62	--	--	--	--	--	--	--	--
40.	15-08-2024	64.28	16.73	9.92	12.58	--	--	--	--	--	--	--	--
41.	19-08-2024	70.12	17.68	10.59	12.37	--	--	--	--	--	--	--	--
42.	22-08-2024	66.23	16.13	10.27	13.21	--	--	--	--	--	--	--	--
43.	26-08-2024	59.82	15.25	8.95	11.83	--	--	--	--	--	--	--	--
44.	29-08-2024	62.46	15.82	9.81	12.64	--	--	--	--	--	--	--	--
45.	02-09-2024	57.16	14.62	8.82	10.95	--	--	--	--	--	--	--	--
46.	05-09-2024	59.63	14.96	9.16	11.16	--	--	--	--	--	--	--	--
47.	09-09-2024	61.92	15.38	9.89	11.63	--	--	--	--	--	--	--	--
48.	12-09-2024	64.53	16.25	10.32	12.47	--	--	--	--	--	--	--	--
49.	16-09-2024	62.47	15.72	9.61	11.42	--	--	--	--	--	--	--	--
50.	19-09-2024	65.18	16.23	10.47	13.11	--	--	--	--	--	--	--	--

Continue...

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

Name of Location		SAMUDRA TOWNSHIP – STP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
51.	23-09-2024	68.31	16.79	10.72	13.18	--	--	--	--	--	--	--	--
52.	26-09-2024	63.48	15.42	9.81	12.57	--	--	--	--	--	--	--	--
53.	30-09-2024	59.63	14.91	8.94	11.62	--	--	--	--	--	--	--	--
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0	400	100	1	20	6	5	1
Test Method		IS - 5182, Part- 23	UERL/AI R/SOP/1 1	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	UERL/AI R/SOP/0 5	IS – 5182, Part – 9	IS – 5182, Part – 22	IS – 5182, Part – 22	IS – 5182, Part – 22	IS – 5182, Part – 11	IS – 5182, Part – 12



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Ambient Air Quality Monitoring

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE												
Sr. No.	Date of Monitoring	Parameter with Results												
		PM10 µg/m3	PM2.5 µg/m3	SO2 µg/m3	NO2 µg/m3	CO mg/m3	NH3 µg/m³	Ozone µg/m³	Pb µg/m³	Ni ng/m³	As ng/m³	Benzene µg/m³	B(a)P ng/m³	
1.	01-04-2024	64.57	23.82	16.11	20.87	NOT DETECTE D	<5.0	6.83	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	
2.	04-04-2024	67.19	26.48	15.83	20.36	--	--	--	--	--	--	--	--	
3.	08-04-2024	71.54	28.12	18.75	23.47	--	--	--	--	--	--	--	--	
4.	11-04-2024	69.86	25.74	17.42	21.55	--	--	--	--	--	--	--	--	
5.	15-04-2024	64.86	24.75	15.79	20.38	--	--	--	--	--	--	--	--	
6.	18-04-2024	70.36	26.48	18.26	23.51	--	--	--	--	--	--	--	--	
7.	22-04-2024	68.95	25.85	16.37	20.95	--	--	--	--	--	--	--	--	
8.	25-04-2024	71.24	28.74	18.47	23.24	--	--	--	--	--	--	--	--	
9.	29-04-2024	70.42	27.54	17.61	22.42	--	--	--	--	--	--	--	--	
10.	02-05-2024	68.26	25.85	16.38	21.19	--	--	--	--	--	--	--	--	
11.	06-05-2024	70.61	27.94	18.52	23.64	--	--	--	--	--	--	--	--	
12.	09-05-2024	67.3	24.75	16.13	21.48	--	--	--	--	--	--	--	--	
13.	13-05-2024	68.91	25.17	17.51	21.97	--	--	--	--	--	--	--	--	
14.	16-05-2024	71.27	28.1	18.14	23.31	--	--	--	--	--	--	--	--	
15.	20-05-2024	67.53	25.13	17.42	21.83	--	--	--	--	--	--	--	--	
16.	23-05-2024	64.83	23.88	15.73	20.63	--	--	--	--	--	--	--	--	

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE												
Sr. No.	Date of Monitoring	Parameter with Results												
		PM10 µg/m3	PM2.5 µg/m3	SO2 µg/m3	NO2 µg/m3	CO mg/m3	NH3 µg/m³	Ozone µg/m³	Pb µg/m³	Ni ng/m³	As ng/m³	Benzene µg/m³	B(a)P ng/m³	
17.	27-05-2024	66.39	26.13	17.05	22.54	--	--	--	--	--	--	--	--	
18.	30-05-2024	64.13	24.65	15.98	20.82	--	--	--	--	--	--	--	--	
19.	03-06-2024	70.12	24.81	16.58	21.73	--	--	--	--	--	--	--	--	
20.	06-06-2024	67.63	23.86	15.94	20.81	--	--	--	--	--	--	--	--	
21.	10-06-2024	69.12	24.35	16.74	21.85	--	--	--	--	--	--	--	--	
22.	13-06-2024	66.82	22.69	15.62	20.54	--	--	--	--	--	--	--	--	
23.	17-06-2024	64.18	21.74	14.68	18.81	--	--	--	--	--	--	--	--	
24.	20-06-2024	61.85	21.37	15.12	18.75	--	--	--	--	--	--	--	--	
25.	24-06-2024	32.75	15.84	11.36	15.32	--	--	--	--	--	--	--	--	
26.	27-06-2024	39.68	18.53	12.45	15.98	--	--	--	--	--	--	--	--	
27.	01-07-2024	35.28	15.73	9.84	12.37	NOT DETECTE D	<5.0	<5.0	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	
28.	04-07-2024	43.57	18.21	11.62	14.54	--	--	--	--	--	--	--	--	
29.	08-07-2024	41.48	16.74	10.57	13.61	--	--	--	--	--	--	--	--	
30.	11-07-2024	47.52	17.38	13.25	17.43	--	--	--	--	--	--	--	--	
31.	15-07-2024	54.28	18.74	14.17	18.42	--	--	--	--	--	--	--	--	
32.	18-07-2024	57.13	20.62	16.31	19.86	--	--	--	--	--	--	--	--	
33.	22-07-2024	48.42	17.48	14.85	17.42	--	--	--	--	--	--	--	--	

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
34.	25-07-2024	45.39	15.68	12.35	15.59	--	--	--	--	--	--	--	--
35.	29-07-2024	41.93	15.57	10.21	14.13	--	--	--	--	--	--	--	--
36.	01-08-2024	42.46	14.91	10.89	13.43	--	--	--	--	--	--	--	--
37.	05-08-2024	45.28	15.63	11.42	13.97	--	--	--	--	--	--	--	--
38.	08-08-2024	47.15	15.89	12.18	15.21	--	--	--	--	--	--	--	--
39.	12-08-2024	43.85	14.81	11.63	13.47	--	--	--	--	--	--	--	--
40.	15-08-2024	50.13	16.35	13.07	15.99	--	--	--	--	--	--	--	--
41.	19-08-2024	47.63	15.42	12.1	15.31	--	--	--	--	--	--	--	--
42.	22-08-2024	50.34	16.79	13.28	16.12	--	--	--	--	--	--	--	--
43.	26-08-2024	42.16	14.85	11.41	13.85	--	--	--	--	--	--	--	--
44.	29-08-2024	47.39	16.12	12.74	15.31	--	--	--	--	--	--	--	--
45.	02-09-2024	40.81	13.47	10.52	13.49	--	--	--	--	--	--	--	--
46.	05-09-2024	43.27	14.83	11.32	13.14	--	--	--	--	--	--	--	--
47.	09-09-2024	41.59	13.78	10.85	12.99	--	--	--	--	--	--	--	--
48.	12-09-2024	43.26	14.57	11.05	13.25	--	--	--	--	--	--	--	--
49.	16-09-2024	46.19	15.73	12.47	15.21	--	--	--	--	--	--	--	--
50.	19-09-2024	44.47	14.38	11.54	13.27	--	--	--	--	--	--	--	--

Continue...

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
51.	23-09-2024	48.61	16.11	12.73	15.27	--	--	--	--	--	--	--	--
52.	26-09-2024	46.38	15.42	12.13	15.02	--	--	--	--	--	--	--	--
53.	30-09-2024	44.26	13.52	11.62	13.49								
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0	400	100	1	20	6	5	1
Test Method		IS - 5182, Part- 23	UERL/AI R/SOP/1 1	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	UERL/AI R/SOP/0 5	IS - 5182, Part - 9	IS - 5182, Part - 22	IS - 5182, Part - 22	IS - 5182, Part - 22	IS - 5182, Part - 11	IS - 5182, Part - 12



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Noise Level Monitoring

Location Name		SAMUDRA TOWNSHIP – STP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		06-04-2024	11-05-2024	08-06-2024	06-07-2024	07-08-2024	07-09-2024
1	06:00 to 07:00	62.5	61.7	63.1	63.5	61.9	60.3
2	07:00 to 08:00	63.8	63.4	60.8	65.2	63.2	62.4
3	08:00 to 09:00	64.5	65.8	62.3	64.7	64.3	65.4
4	09:00 to 10:00	67.4	65.6	65.8	66.4	65.2	64.3
5	10:00 to 11:00	66.3	67.2	64.6	65.2	67.5	66.3
6	11:00 to 12:00	65.4	66.5	67.3	66.8	64.5	65.8
7	12:00 to 13:00	66.6	65.4	65.4	64.5	65.9	64.3
8	13:00 to 14:00	65.4	64.3	66.7	65.4	66.3	66.1
9	14:00 to 15:00	65.9	64.3	63.4	66.2	65.2	64.8
10	15:00 to 16:00	65.3	65.9	66.3	63.4	64.5	63.2
11	16:00 to 17:00	66.7	64.3	65.2	64.7	63.7	65.5
12	17:00 to 18:00	65.7	65.2	63.2	65.1	64.5	64.7
13	18:00 to 19:00	68.3	64.3	65.8	63.3	65.8	66.5
14	19:00 to 20:00	64.6	66.7	65.9	64.8	63.2	65.3
15	20:00 to 21:00	64.6	65.3	64.3	62.6	63.7	64.2
16	21:00 to 22:00	61.8	61.7	62.3	60.1	60.4	62.3
Day Time		<75 dB (A)					

Continue...

QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

Location Name		SAMUDRA TOWNSHIP – STP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		06-04-2024	11-05-2024	08-06-2024	06-07-2024	07-08-2024	07-09-2024
1	22:00 to 23:00	58.7	58.1	58.4	59.2	58.8	59.3
2	23:00 to 24:00	60.1	59.3	58.8	59.6	59.3	60.8
3	24:00 to 01:00	59.7	60.4	59.4	60.4	59.9	62.3
4	01:00 to 02:00	62.3	61.8	62.6	61.4	62.3	61.6
5	02:00 to 03:00	61.3	61.4	61.5	63.1	62.6	63.5
6	03:00 to 04:00	59.8	62.4	61.8	61.3	61.2	62.1
7	04:00 to 05:00	60.2	60.7	60.3	58.7	60.4	61.7
8	05:00 to 06:00	57.8	58.3	59.1	58.2	58.3	59.9
Night Time		<70 dB (A)					

Test Method	IS: 9989 : 1981
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Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Noise Level Monitoring

Location Name		SAMUDRA TOWNSHIP CUSTOMER CARE					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		09-04-2024	14-05-2024	12-06-2024	09-07-2024	10-08-2024	11-09-2024
1	06:00 to 07:00	58.3	60.1	60.8	61.7	60.7	61.6
2	07:00 to 08:00	59.5	61.5	62.3	63.9	61.6	63.7
3	08:00 to 09:00	61.8	63.4	64.7	66.4	63.5	64.2
4	09:00 to 10:00	64.2	64.8	64.3	63.8	64.8	66.8
5	10:00 to 11:00	64.8	66.8	66.1	64.7	65.4	64.3
6	11:00 to 12:00	64.2	65.3	64.8	67	65.8	63.5
7	12:00 to 13:00	65.9	66.7	67.3	65.4	66.2	67.1
8	13:00 to 14:00	67.2	65.8	66.2	65.7	65.3	65.7
9	14:00 to 15:00	63.7	65.1	64.8	65.9	64.8	65.3
10	15:00 to 16:00	64.6	63.7	64.6	65.3	65.7	64.7
11	16:00 to 17:00	65.2	65.4	66.5	66.8	65.3	64.8
12	17:00 to 18:00	63.4	64.5	65.2	64.2	65.1	65.8
13	18:00 to 19:00	64.1	63.6	63.2	61.9	64.3	65.3
14	19:00 to 20:00	66.4	64.3	64.7	62.4	63.8	64.4
15	20:00 to 21:00	62.8	62.9	63.1	64.3	65.1	65.5
16	21:00 to 22:00	58.5	59.2	59.8	62.3	61.5	61.9
Day Time		<75 dB (A)					

Continue...

Location Name		SAMUDRA TOWNSHIP CUSTOMER CARE					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Night Time					
		09-04-2024	14-05-2024	12-06-2024	09-07-2024	10-08-2024	11-09-2024
1	22:00 to 23:00	61.1	60.8	60.2	60.5	60.2	61.6
2	23:00 to 24:00	63.3	62.7	61.7	60.2	61.4	59.1
3	24:00 to 01:00	62.6	64.1	62.8	61.6	62.4	60.8
4	01:00 to 02:00	60.8	62.4	63.8	62.8	61.9	63.5
5	02:00 to 03:00	63.2	61.8	63.2	62.5	63.4	62.3
6	03:00 to 04:00	61.7	61.9	62.1	63.2	62.7	63.5
7	04:00 to 05:00	61.4	59.6	61.8	60.5	61.2	60.5
8	05:00 to 06:00	60.4	59.8	60.3	59.8	59.2	60.1
Night Time		<70 dB (A)					

Test Method	IS: 9989 : 1981
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Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Stack Monitoring

Sr. No.	Parameter	Unit	Aug - 2024	GPCB LIMIT	Method of Test
			Adani Hospital DG Set		
			13-08-2024		
1.	Particulate Matter	mg/Nm ³	19.13	150	IS 11255 (Part - 1)
2.	Sulphur Dioxide	ppm	7.18	100	IS 11255 (Part - 2)
3.	Oxide of Nitrogen	ppm	25.46	50	IS 11255 (Part - 7)
4.	Carbon Monoxide	mg/Nm ³	3.1	--	UERL/AIR/SOP/18
5.	Non Methyl Hydro Carbon	ppm	Not Detected	--	UERL/AIR/SOP/27



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Minimum Detection Limit

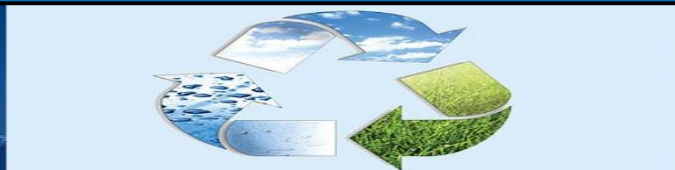
Ambient Air Quality Monitoring

Sr. No.	Test Parameter	Unit	MDL
1	Particulate Matter (PM10)	µg/m ³	5 µg/m ³
2	Particulate Matter (PM2.5)	µg/m ³	5 µg/m ³
3	Sulphur Dioxide (SO ₂)	µg/m ³	4 µg/m ³
4	Nitrogen Dioxide (NO ₂)	µg/m ³	5 µg/m ³
5	Carbon Monoxide (CO)	mg/m ³	0.01 mg/m ³
6	Ammonia (NH ₃)	µg/m ³	5 µg/m ³
7	Ozone (O ₃)	µg/m ³	5 µg/m ³
8	Lead (Pb)	µg/m ³	0.5 µg/m ³
9	Nickle (Ni)	ng/m ³	1 ng/m ³
10	Arsenic (As)	ng/m ³	1 ng/m ³
11	Benzene	µg/m ³	1µg/m ³
12	Benzo(o)Pyrene	ng/m ³	0.1 ng/m ³
13	Hydro Carbon	µg/m ³	1 µg/m ³

Stack Emission Monitoring

Sr. No.	Test Parameter	Unit	MDL
1	Suspended particulate matter	mg/Nm ³	2 mg/Nm ³
2	Sulphur Dioxide SOX	mg/Nm ³	4 mg/Nm ³
3	Oxides of Nitrogen NOX	mg/Nm ³	5 mg/Nm ³

STP Water			
Sr. No.	Test Parameter	Unit	MDL
1	pH @ 25 ° C	--	2
2	Total Suspended Solids	mg/L	4
3	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	1
4	Residual chlorine	mg/L	0.1
5	Fecal Coliform	MPN Index/100ml	<2



“Half Yearly Environmental Monitoring Reports “

For,



M/S. ADANI MUNDRA SEZ INFRASTRUCTURE PVT. LTD. (AMSIPL)

PLOT NO/Survey No. 141 (Part), Village – Mundra, Tal.: Mundra, Dist. – Kutch.

Monitoring Period: October – 2024 to March - 2025

Submitted By



UniStar Environment & Research Labs Pvt. Ltd.

White House, Near GIDC Office, Char Rasta, Vapi, Gujarat, India – 396195



RESULTS OF STP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	SAMUNDRA TOWNSHIP STP OUTLET						GPCB Permissible Limit	TEST METHOD
			Oct-24		Nov-24		Dec-24			
			09-10-2024	24-10-2024	13-11-2024	23-11-2024	05-12-2024	25-12-2024		
1	pH @ 25 ° C	--	7.44	7.32	7.14	7.25	7.35	7.26	6.5 to 9	IS 3025 (Part-11):2022
2	Total Suspended Solids	mg/L	18	22	24	26	26	20	100	APHA 24th Ed.2023,2540 - D
3	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	17	16.5	16	18	16	18	30	APHA 24th Ed.2023,5210-B
4	Residual chlorine	mg/L	0.74	0.68	0.72	0.84	0.68	0.58	0.5 Min.	APHA 24th Ed.2023,4500-Cl-G
5	Fecal Coliform	MPN Index/100ml	27	34	26	33	27	34	1000	IS 1622: 1981

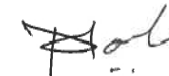
Continue...

RESULTS OF STP OUTLET WATER

SR.NO .	TEST PARAMETERS	UNIT	SAMUNDRA TOWNSHIP STP OUTLET						GPCB Permissible Limit	TEST METHOD
			Jan-25		Feb-25		Mar-25			
			07-01- 2025	24-01- 2025	06-02- 2025	19-02- 2025	03-03- 2025	19-03- 2025		
1	pH @ 25 ° C	--	7.29	7.58	7.42	7.48	7.41	7.52	6.5 to 9	IS 3025 (Part-11):2022
2	Total Suspended Solids	mg/L	18	26	22	24	20	22	100	APHA 24th Ed.2023,2540 - D
3	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	14	16	15	15	16	14	30	APHA 24th Ed.2023,5210-B
4	Residual chlorine	mg/L	0.62	0.74	0.56	0.62	0.58	0.67	0.5 Min.	APHA 24th Ed.2023,4500-Cl-G
5	Fecal Coliform	MPN Index/100ml	26	33	27	30	26	33	1000	IS 1622: 1981



Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

Results of Ambient Air Quality Monitoring

Name of Location		SAMUDRA TOWNSHIP – STP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
1.	03-10-2024	61.28	15.34	9.73	12.45	NOT DETECTE D	NOT DETECTE D	<5.0	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D
2.	07-10-2024	63.48	16.48	9.95	12.91	--	--	--	--	--	--	--	--
3.	10-10-2024	64.39	17.14	10.25	13.58	--	--	--	--	--	--	--	--
4.	14-10-2024	66.48	15.92	10.74	13.49	--	--	--	--	--	--	--	--
5.	17-10-2024	68.64	17.93	11.72	14.26	--	--	--	--	--	--	--	--
6.	21-10-2024	65.38	15.42	10.81	13.48	--	--	--	--	--	--	--	--
7.	24-10-2024	67.25	16.96	11.47	14.11	--	--	--	--	--	--	--	--
8.	28-10-2024	64.63	15.12	10.38	13.21	--	--	--	--	--	--	--	--
9.	31-10-2024	66.18	17.41	11.57	14.1	--	--	--	--	--	--	--	--
10.	04-11-2024	65.82	17.27	10.95	13.11	--	--	--	--	--	--	--	--
11.	07-11-2024	68.25	18.12	11.21	13.37	--	--	--	--	--	--	--	--
12.	11-11-2024	73.61	20.47	13.28	15.93	--	--	--	--	--	--	--	--
13.	14-11-2024	70.74	19.63	13.11	15.16	--	--	--	--	--	--	--	--
14.	18-11-2024	67.53	18.36	12.65	15.84	--	--	--	--	--	--	--	--
15.	21-11-2024	64.39	17.52	11.49	13.62	--	--	--	--	--	--	--	--
16.	25-11-2024	67.25	18.47	11.52	13.81	--	--	--	--	--	--	--	--

Continue...

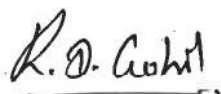
Name of Location		SAMUDRA TOWNSHIP – STP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
17.	28-11-2024	71.13	19.83	12.38	15.63	--	--	--	--	--	--	--	--
18.	02-12-2024	69.18	18.64	11.25	14.07	--	--	--	--	--	--	--	--
19.	05-12-2024	65.48	17.25	10.94	13.84	--	--	--	--	--	--	--	--
20.	09-12-2024	68.39	18.14	11.16	14.47	--	--	--	--	--	--	--	--
21.	12-12-2024	72.54	19.83	12.58	15.83	--	--	--	--	--	--	--	--
22.	16-12-2024	75.17	20.48	13.1	16.38	--	--	--	--	--	--	--	--
23.	19-12-2024	73.24	20.11	12.82	16.13	--	--	--	--	--	--	--	--
24.	23-12-2024	66.39	18.52	11.36	13.95	--	--	--	--	--	--	--	--
25.	26-12-2024	72.47	19.75	12.53	15.26	--	--	--	--	--	--	--	--
26.	30-12-2024	69.63	18.47	11.89	14.56	--	--	--	--	--	--	--	--
27.	02-01-2025	72.46	22.57	14.24	17.52	NOT DETECTE D	<5.0	<5.0	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D
28.	06-01-2025	75.49	25.12	16.54	20.21	--	--	--	--	--	--	--	--
29.	09-01-2025	73.38	22.84	14.02	17.57	--	--	--	--	--	--	--	--
30.	13-01-2025	80.72	26.04	16.77	19.24	--	--	--	--	--	--	--	--
31.	16-01-2025	77.58	24.81	15.69	18.46	--	--	--	--	--	--	--	--
32.	20-01-2025	74.16	22.81	14.26	17.63	--	--	--	--	--	--	--	--
33.	23-01-2025	77.35	24.62	16.25	19.47	--	--	--	--	--	--	--	--

Continue...

Name of Location		SAMUDRA TOWNSHIP – STP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
34.	27-01-2025	72.57	23.77	15.38	18.91	--	--	--	--	--	--	--	--
35.	30-01-2025	70.81	21.95	14.31	17.88	--	--	--	--	--	--	--	--
36.	03-02-2025	69.47	20.63	12.31	15.14	--	--	--	--	--	--	--	--
37.	06-02-2025	73.46	22.53	13.82	16.73	--	--	--	--	--	--	--	--
38.	10-02-2025	71.27	21.37	12.45	15.38	--	--	--	--	--	--	--	--
39.	13-02-2025	66.93	20.31	11.93	14.67	--	--	--	--	--	--	--	--
40.	17-02-2025	68.74	21.46	12.72	15.98	--	--	--	--	--	--	--	--
41.	20-02-2025	72.81	23.49	13.28	16.38	--	--	--	--	--	--	--	--
42.	24-02-2025	75.46	24.13	14.26	17.51	--	--	--	--	--	--	--	--
43.	27-02-2025	71.42	22.21	12.96	16.47	--	--	--	--	--	--	--	--
44.	03-03-2024	74.47	22.94	13.26	17.48	--	--	--	--	--	--	--	--
45.	06-03-2024	77.26	24.63	14.88	18.13	--	--	--	--	--	--	--	--
46.	10-03-2024	70.42	20.85	12.63	16.11	--	--	--	--	--	--	--	--
47.	13-03-2024	73.82	21.49	13.11	17.05	--	--	--	--	--	--	--	--
48.	17-03-2024	77.32	25.13	14.91	18.79	--	--	--	--	--	--	--	--
49.	20-03-2024	75.49	23.71	14.36	18.42	--	--	--	--	--	--	--	--
50.	24-03-2024	71.42	22.89	12.95	17.37	--	--	--	--	--	--	--	--

Continue...

Name of Location		SAMUDRA TOWNSHIP – STP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
51.	27-03-2024	67.96	20.68	12.46	16.81	--	--	--	--	--	--	--	--
52.	31-03-2024	72.65	23.31	13.58	17.37	--	--	--	--	--	--	--	--
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0	400	100	1	20	6	5	1
Test Method		IS - 5182, Part- 23	UERL/AI R/SOP/1 1	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	UERL/AI R/SOP/0 5	IS – 5182, Part – 9	IS – 5182, Part – 22	IS – 5182, Part – 22	IS – 5182, Part – 22	IS – 5182, Part – 11	IS – 5182, Part – 12



Rajnish D. Gohil
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Ambient Air Quality Monitoring

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
1.	03-10-2024	50.73	14.61	11.69	14.42	NOT DETECTE D	<5.0	6.83	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D
2.	07-10-2024	53.28	15.17	11.93	14.63	--	--	--	--	--	--	--	--
3.	10-10-2024	54.39	15.84	12.13	15.57	--	--	--	--	--	--	--	--
4.	14-10-2024	56.38	16.21	13.42	16.53	--	--	--	--	--	--	--	--
5.	17-10-2024	53.41	15.36	12.64	15.81	--	--	--	--	--	--	--	--
6.	21-10-2024	55.83	16.06	12.89	16.08	--	--	--	--	--	--	--	--
7.	24-10-2024	57.18	16.99	13.74	16.92	--	--	--	--	--	--	--	--
8.	28-10-2024	59.62	17.55	14.11	17.36	--	--	--	--	--	--	--	--
9.	31-10-2024	57.83	17.24	13.42	16.13	--	--	--	--	--	--	--	--
10.	04-11-2024	55.83	16.47	12.75	15.24	--	--	--	--	--	--	--	--
11.	07-11-2024	60.37	17.84	13.38	16.81	--	--	--	--	--	--	--	--
12.	11-11-2024	58.73	16.29	13.12	16.63	--	--	--	--	--	--	--	--
13.	14-11-2024	54.38	15.25	12.63	15.48	--	--	--	--	--	--	--	--
14.	18-11-2024	57.92	16.63	13.37	16.72	--	--	--	--	--	--	--	--
15.	21-11-2024	61.48	17.91	14.57	17.15	--	--	--	--	--	--	--	--
16.	25-11-2024	63.28	18.03	15.08	18.19	--	--	--	--	--	--	--	--

Continue...

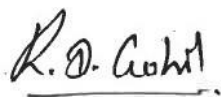
Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE												
Sr. No.	Date of Monitoring	Parameter with Results												
		PM10 µg/m3	PM2.5 µg/m3	SO2 µg/m3	NO2 µg/m3	CO mg/m3	NH3 µg/m³	Ozone µg/m³	Pb µg/m³	Ni ng/m³	As ng/m³	Benzene µg/m³	B(a)P ng/m³	
17.	28-11-2024	58.64	17.13	14.86	17.63	--	--	--	--	--	--	--	--	
18.	02-12-2024	60.61	17.14	13.86	16.37	--	--	--	--	--	--	--	--	
19.	05-12-2024	64.38	18.03	14.27	17.82	--	--	--	--	--	--	--	--	
20.	09-12-2024	67.48	19.42	16.52	19.31	--	--	--	--	--	--	--	--	
21.	12-12-2024	63.49	17.31	14.29	17.46	--	--	--	--	--	--	--	--	
22.	16-12-2024	66.36	18.57	16.34	18.91	--	--	--	--	--	--	--	--	
23.	19-12-2024	62.85	16.95	13.81	16.57	--	--	--	--	--	--	--	--	
24.	23-12-2024	67.91	19.17	16.56	19.32	--	--	--	--	--	--	--	--	
25.	26-12-2024	64.38	17.36	15.74	18.52	--	--	--	--	--	--	--	--	
26.	30-12-2024	61.24	16.38	14.14	17.68	--	--	--	--	--	--	--	--	
27.	02-01-2025	64.39	18.32	14.48	18.14	NOT DETECTE D	<5.0	<5.0	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	NOT DETECTE D	
28.	06-01-2025	67.18	19.06	16.52	20.38	--	--	--	--	--	--	--	--	
29.	09-01-2025	64.26	17.42	14.75	18.74	--	--	--	--	--	--	--	--	
30.	13-01-2025	61.84	15.98	13.85	17.24	--	--	--	--	--	--	--	--	
31.	16-01-2025	64.55	17.1	14.13	18.47	--	--	--	--	--	--	--	--	
32.	20-01-2025	67.95	19.18	16.59	20.84	--	--	--	--	--	--	--	--	
33.	23-01-2025	65.37	16.72	15.39	18.87	--	--	--	--	--	--	--	--	

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
34.	27-01-2025	67.95	17.36	16.48	20.72	--	--	--	--	--	--	--	--
35.	30-01-2025	64.17	15.82	14.36	18.21	--	--	--	--	--	--	--	--
36.	03-02-2025	65.92	17.43	16.11	19.47	--	--	--	--	--	--	--	--
37.	06-02-2025	63.28	17.1	15.75	18.42	--	--	--	--	--	--	--	--
38.	10-02-2025	60.58	16.75	14.93	17.46	--	--	--	--	--	--	--	--
39.	13-02-2025	58.63	15.42	14.61	16.94	--	--	--	--	--	--	--	--
40.	17-02-2025	56.91	14.98	13.78	16.54	--	--	--	--	--	--	--	--
41.	20-02-2025	59.35	15.46	14.8	17.37	--	--	--	--	--	--	--	--
42.	24-02-2025	63.28	17.42	15.63	18.59	--	--	--	--	--	--	--	--
43.	27-02-2025	60.17	16.26	14.19	17.68	--	--	--	--	--	--	--	--
44.	03-03-2024	67.13	16.93	15.58	19.15	--	--	--	--	--	--	--	--
45.	06-03-2024	64.37	15.79	14.91	18.74	--	--	--	--	--	--	--	--
46.	10-03-2024	66.93	16.57	15.79	20.16	--	--	--	--	--	--	--	--
47.	13-03-2024	70.65	18.11	17.53	21.23	--	--	--	--	--	--	--	--
48.	17-03-2024	68.42	17.74	16.89	20.81	--	--	--	--	--	--	--	--
49.	20-03-2024	65.48	16.38	16.13	19.78	--	--	--	--	--	--	--	--
50.	24-03-2024	71.37	18.52	17.35	21.19	--	--	--	--	--	--	--	--

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
51.	27-03-2024	67.39	16.98	16.4	20.28	--	--	--	--	--	--	--	--
52.	31-03-2024	69.82	17.68	17.12	21.55	--	--	--	--	--	--	--	--
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0	400	100	1	20	6	5	1
Test Method		IS - 5182, Part- 23	UERL/AI R/SOP/1 1	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	UERL/AI R/SOP/0 5	IS - 5182, Part - 9	IS - 5182, Part - 22	IS - 5182, Part - 22	IS - 5182, Part - 22	IS - 5182, Part - 11	IS - 5182, Part - 12



Rajnish D. Gohil
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

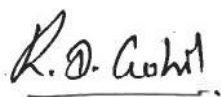
Results of Noise Level Monitoring

Location Name		SAMUDRA TOWNSHIP – STP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		05-10-2024	12-11-2024	07-12-2024	07-01-2025	08-02-2025	04-03-2025
1	06:00 to 07:00	63.2	62.8	63.4	63.1	61.3	62.5
2	07:00 to 08:00	63.8	65.7	62.5	65.4	63.4	62.4
3	08:00 to 09:00	66.8	63.8	64.5	62.6	64.8	63.6
4	09:00 to 10:00	64.5	66.5	65.5	64.3	65.3	64.3
5	10:00 to 11:00	67.2	68.4	67.4	65.7	63.1	65.1
6	11:00 to 12:00	67.3	66.2	67.3	65.2	65.8	64.9
7	12:00 to 13:00	65.4	67.4	66.4	65.4	63.7	66.7
8	13:00 to 14:00	62.9	64.9	65.9	67.1	62.9	64.5
9	14:00 to 15:00	66.4	67.4	67.8	65.2	64.3	63.2
10	15:00 to 16:00	65.8	63.7	64.3	65.7	65.4	63.8
11	16:00 to 17:00	65.5	65.1	65.7	64.5	66.8	64.5
12	17:00 to 18:00	67.2	66.3	65.7	63.5	65.3	64.6
13	18:00 to 19:00	64.3	66.6	65.2	63.2	63.1	62.2
14	19:00 to 20:00	64.2	65.1	63.4	63.9	64.5	65.4
15	20:00 to 21:00	62.1	64.3	63.1	65.1	65.7	64.8
16	21:00 to 22:00	61.3	60.2	61.5	62.4	62.3	61.2
Day Time		<75 dB (A)					

Continue...

Location Name		SAMUDRA TOWNSHIP – STP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		05-10-2024	12-11-2024	07-12-2024	07-01-2025	08-02-2025	04-03-2025
1	22:00 to 23:00	63.4	62.8	61.3	60.8	58.8	59.2
2	23:00 to 24:00	62.8	63.5	62.8	63.4	62.6	60.8
3	24:00 to 01:00	65.4	62.8	64.5	61.8	62.9	63.5
4	01:00 to 02:00	65.1	64.3	62.7	61.9	63.1	62.3
5	02:00 to 03:00	62.7	63.7	64.3	62.4	63.7	61.8
6	03:00 to 04:00	64.7	62.5	64.1	62.8	62.3	63.5
7	04:00 to 05:00	63.5	62.6	60.8	60.3	61.7	61.9
8	05:00 to 06:00	61.7	61.1	62.1	61.3	60.5	58.7
Night Time		<70 dB (A)					

Test Method	IS: 9989 : 1981
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Rajnish D. Gohil
(Chemist)



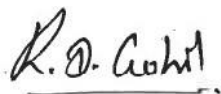

Jaivik S. Tandel
(Manager - Operations)

Results of Noise Level Monitoring

Location Name		SAMUDRA TOWNSHIP CUSTOMER CARE					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		08-10-2024	16-11-2024	10-12-2024	10-01-2025	12-02-2025	07-03-2025
1	06:00 to 07:00	60.2	59.3	60.8	59.7	60.6	58.7
2	07:00 to 08:00	64.7	62.3	61.4	62.7	61.2	63.2
3	08:00 to 09:00	65.4	66.2	64.3	64.3	63.4	62.4
4	09:00 to 10:00	63.2	65.4	67.4	65.8	63.8	65.7
5	10:00 to 11:00	65.4	67.5	66.3	63.2	65.7	64.3
6	11:00 to 12:00	66.1	63.2	65.4	66.8	64.3	63.5
7	12:00 to 13:00	67.9	65.7	64.9	63.2	65.1	64.3
8	13:00 to 14:00	64.8	67.4	66.3	65.8	66.7	65.8
9	14:00 to 15:00	65.8	66.8	65.7	67.5	62.8	64.5
10	15:00 to 16:00	64.2	65.3	63.2	64.3	63.7	65.4
11	16:00 to 17:00	63.8	64.5	66.5	66.2	64.7	66.3
12	17:00 to 18:00	61.6	63.4	64.3	65.4	66.9	65.1
13	18:00 to 19:00	60.2	65.1	66.3	62.7	65.4	65.4
14	19:00 to 20:00	61.5	62.9	64.5	65.4	62.4	64.3
15	20:00 to 21:00	63	60.6	62.3	64.3	63.5	64.7
16	21:00 to 22:00	62.5	58.7	60.3	60.8	58.8	60.4
Day Time		<75 dB (A)					

Location Name		SAMUDRA TOWNSHIP CUSTOMER CARE					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Night Time					
		08-10-2024	16-11-2024	10-12-2024	10-01-2025	12-02-2025	07-03-2025
1	22:00 to 23:00	63.1	63.4	63.2	62.4	60.5	61.4
2	23:00 to 24:00	65.4	64.8	63.4	61.7	61.8	60.2
3	24:00 to 01:00	64.3	64.2	62.8	63.5	60.4	61.7
4	01:00 to 02:00	64.8	63.2	64.5	62.4	61.6	63.5
5	02:00 to 03:00	64.3	61.8	63.7	61.8	62.4	63.2
6	03:00 to 04:00	62.8	63.7	62.1	60.5	61.9	62.6
7	04:00 to 05:00	64.7	61.5	63.4	61.5	60.4	60.6
8	05:00 to 06:00	62.3	60.8	61.7	59.7	58.3	59.4
Night Time		<70 dB (A)					

Test Method	IS: 9989 : 1981
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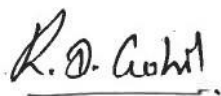
Rajnish D. Gohil
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Stack Monitoring

Sr. No.	Parameter	Unit	Mar - 2025	GPCB LIMIT	Method of Test
			Adani Hospital DG Set		
			27-03-2025		
1.	Particulate Matter	mg/Nm ³	20.98	150	IS 11255 (Part - 1)
2.	Sulphur Dioxide	ppm	8.42	100	IS 11255 (Part - 2)
3.	Oxide of Nitrogen	ppm	28.36	50	IS 11255 (Part - 7)
4.	Carbon Monoxide	mg/Nm ³	3.4	--	UERL/AIR/SOP/18
5.	Non Methyl Hydro Carbon	ppm	Not Detected	--	UERL/AIR/SOP/27



Rajnish D. Gohil
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Minimum Detection Limit			
Ambient Air Quality Monitoring			
Sr. No.	Test Parameter	Unit	MDL
1	Particulate Matter (PM10)	µg/m ³	5 µg/m ³
2	Particulate Matter (PM2.5)	µg/m ³	5 µg/m ³
3	Sulphur Dioxide (SO ₂)	µg/m ³	4 µg/m ³
4	Nitrogen Dioxide (NO ₂)	µg/m ³	5 µg/m ³
5	Carbon Monoxide (CO)	mg/m ³	0.01 mg/m ³
6	Ammonia (NH ₃)	µg/m ³	5 µg/m ³
7	Ozone (O ₃)	µg/m ³	5 µg/m ³
8	Lead (Pb)	µg/m ³	0.5 µg/m ³
9	Nickle (Ni)	ng/m ³	1 ng/m ³
10	Arsenic (As)	ng/m ³	1 ng/m ³
11	Benzene	µg/m ³	1µg/m ³
12	Benzo(o)Pyrene	ng/m ³	0.1 ng/m ³
13	Hydro Carbon	µg/m ³	1 µg/m ³
Stack Emission Monitoring			
Sr. No.	Test Parameter	Unit	MDL
1	Suspended particulate matter	mg/Nm ³	2 mg/Nm ³
2	Sulphur Dioxide SOX	mg/Nm ³	4 mg/Nm ³
3	Oxides of Nitrogen NOX	mg/Nm ³	5 mg/Nm ³

STP Water			
Sr. No.	Test Parameter	Unit	MDL
1	pH @ 25 ° C	--	2
2	Total Suspended Solids	mg/L	4
3	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	1
4	Residual chlorine	mg/L	0.1
5	Fecal Coliform	MPN Index/100ml	<2

Environment Statement for 2024-25 for M/s Adani Mundra SEZ Infrastructure Pvt. Ltd.**(PCB ID: 10602)****ANNEXURE – 3
Waste Disposal Details, APSEZ, Mundra**

Sr. No.	Waste Description	Disposal Method	Unit	Quantity 2023-24	Quantity 2024-25
Non-Hazardous:					
1.	Dry Waste (Recyclable waste- Metal, Wood, paper, plastic etc.)	Recycle (send to reg. recycler)/ Reuse (Used by Org.)	MT	3312.775	4274.89
2.	RDF (Non- Recyclable)	Co-processing at cement plant	MT	451.28	337.3
3.	STP Sludge	Reprocess (Manure)	MT	3.0	0
4.	Organic Waste (included food waste)	Reprocess & Recovery Manure/biogas	MT	959.35	1101.12
5.	E-Waste	Recycle (send to reg. recycler)	MT	44.83	28.08

ANNEXURE – 4**Cost of Environmental Protection Measures of APSEZ, Mundra
F.Y. 2024-25**

Sr. No.	Activity	Cost incurred (INR in Lacs)		Budgeted Cost (INR in Lacs)
		2023 – 24	2024 – 25	2024 – 25
1.	Environmental Study / Audit and Consultancy	22.67	40.46	27
2.	Legal & Statutory Expenses	8.60	17.37	13
3.	Environmental Monitoring Services	13.37	17.27	19.20
4.	Hazardous / Non-Hazardous Waste Management & Disposal	130.11	122.46	172.40
5.	Environment Days Celebration and Advertisement / Business development	3.42	1.85	4.00
6.	Treatment and Disposal of Bio-Medical Waste	2.28	2.39	2.28
7.	Mangrove Plantation, Monitoring & Conservation	15	0	0
8.	Other Horticulture Expenses	904	570	831
9.	O&M of Sewage Treatment Plant and Effluent Treatment Plant (including STP, ETP of Port & SEZ & Common Effluent Treatment Plant)	186.94	164.31	195.41
10.	Expenditure of Environment Dept. (Apart from above head)	80.39	93.40	75.92
Total		1366.78	1029.51	1340.21