

APSEZL/EnvCell/2025-26/064

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 **Adani Ports and SEZ Limited (Multi Product SEZ)**.

Ref: 1. AWH – 122250 Date of issue 20.10.2022 Valid till 21.08.2027

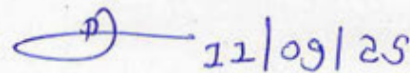
With reference to the above-mentioned subject and reference, please find enclosed Environmental Statement in Form V prescribed under Rule 14 of the Environment (Protection) Rules 1986, for **M/s Adani Ports and SEZ Limited (Multi Product SEZ), Village & Taluka: Mundra, Dist. Kutch - 370421** for the financial year ending 31st March 2025.

Thanking you,

For **Adani Ports and Special Economic Zone Ltd. (Multi Product SEZ)**



Authorized Signatory



Encl: As above.

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

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

Environment Statement for 2024-25 for M/s Adani Ports and SEZ Limited
(Multi Product SEZ)

(PCB ID: 31463)

FORM V
(See Rule 14)

Environmental Statement for the Financial Year ending 31st March 2024

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 : Multi Product SEZ for 8481.27 Hacters Area:
(Phase-I)
- (iv) Year of Establishment : 2012
- (v) Date of last Environment
Statement submitted : 02/09/2024

Environment Statement for 2024-25 for M/s Adani Ports and SEZ Limited
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PART – B

Water and Raw Material Consumption

(i) Water Consumption

Water Consumption m ³ /Day	Average
Process	68.47 m ³ /Day
*Domestic (Total water)	197.46 m ³ /Day

*Domestic included horticulture/gardening used water. Water consumption data enclosed 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)
Multi Product SEZ	Nil	Nil

**** Unit does not go under any manufacturing process, hence there is no any water consumption for industrial purpose. The unit involve for Processing-Non-Processing Zones, Ware Housing Zones, Road & Rail Network (trunk as well as internal), Bridges and Culverts, IT Communications, electric network, effluent collection network, utilities and supporting infrastructure, Three Nos. of Sewage Treatment Plant (150, 175 & 10 KL/Day), Twenty-Eight Nos. of D.G. Sets with various capacity (Cumulative capacity 2730 KVA) airstrip, etc. within Multi Product SEZ. Individual member industries developed within SEZ area has already been granted their individual Consent to Establish and Consent to Operate from SPCB as applicable.**

(ii) Raw Material Consumption

Name of Raw Material*	Name of Products	Consumption of Raw Material per Unit of output	
		During the current financial year (2023-24)	During the current financial year (2024-25)
--	Multi Product SEZ	--	--

* 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 Ports and SEZ Limited
(Multi Product SEZ)

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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 Waste Water	pH	--	pH	7.28	There is no variation from prescribed standards in terms of quality of wastewater discharge. 1. Three nos. of STP having capacity of 150, 175 & 10 KLD. 2. 58400 KL treated water discharged during April 2023 – March 2024, was utilized for horticulture / greenbelt purpose within premises. 3. Analysis reports of treated water are enclosed as Annexure – 2.
	Total Suspended Solids	4.14	Total Suspended Solids (mg/l)	20.60	
	BOD (5 Days @ 20 °C)	3.31	BOD (5 Days @ 20 °C) (mg/l)	16.46	
	Residual Chlorine	0.14	Residual Chlorine (mg/l)	0.69	
	Fecal Coliform	14.51	Fecal Coliform MPN (INDEX/100 mL)	72.25	
(b) Air (DG Stack 750 KVA & 500 KVA)	Parameters	Avg. Mass Kg/Day	Parameters	Avg	There is no variation from prescribed standards in terms of quality of wastewater discharge. 1. Twenty-Eight Nos. of D.G. Sets with various capacity (Cumulative capacity 2730 KVA) is provided as a standby power source and used during power failure. Analysis reports of stack monitoring are enclosed as Annexure – 2. 2. The ambient air quality monitoring is being done regularly (twice a week) through NABL and MoEF&CC recognized laboratory namely
	Particulate Matter (PM)	0.0023	Particulate Matter (mg/Nm ³)	20.47	
	Sulphur Dioxide (SO ₂)	0.0026	Sulphur Dioxide (PPM)	8.79	
	Nitrogen Oxide (NO _x)	0.0061	Nitrogen Oxide (NO _x) (PPM)	28.82	

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(Multi Product SEZ)

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					M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. 3. Analysis reports of ambient air quality monitoring are enclosed as Annexure – 2
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Unit does not go under any manufacturing process.

Details of treated water outlet quantity for the year 2024-25 are enclosed as **Annexure – 1.**

PART – D

Hazardous Wastes

(As specified under Hazardous Wastes Management and Handling Rules 2016)

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: Quantity shown in Annexure – 3 is waste (hazardous as well as non-hazardous) generated as well as disposed from entire Adani Ports and SEZ Limited.**

PART – E

Solid Waste

Solid Waste	Total Quantity Generated (MT/Annum)	
	During the previous financial year (2023-24)	During the current financial year (2024-25)
(a) From Process (Ash)	Nil	Nil
(b) From Pollution Control		

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(Multi Product SEZ)

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facilities	Details is Attached as Annexure-3
(C-1) Quantity recycled or reutilized within the unit	
(C-2) Sold	
(C-3) Disposed	

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 in to 16 streams at MRF, which is sent to different end users following 5 R principal. 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 bio gas 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:
 - 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 Zapara & Navinal School dated 4th & 5th May, 2023.
 - Celebrated "International Plastic Bag Free Day" on 3rd July 2023 by conducting the Training Awareness to students at Bhujpur Village, and with Cotton Bag distribution in our residential Colonies.

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(Multi Product SEZ)

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- Plastic Waste Collection Drive was conducted on 20th March 2024 at our Old Railway Building, aimed at combating plastic pollution, and fostering environmental sustainability. The drive was continued for full working day and collected approx. 450 kgs of plastic waste from our old Railway Building area.
 - 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 single use 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 purpose.
 - SEZ industries are managing their waste as per own standard procedure and following regulatory norms.

Environment Statement for 2024-25 for M/s Adani Ports and SEZ Limited
(Multi Product SEZ)

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PART – G

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

Energy Savings (APSEZ)

- 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 is 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.
- Sensor based automatic On/Off pump & Automatic controlled water tap which eliminates the manual Intervention and reduce the water wastage.
- Digitization of Commercial water flow meter and domestic water meters at residential (Samundra) township for real-time monitoring and tracking the water consumption.
- 100% Utilization of treated water for horticulture use
- Following safeguard measures are taken for abatement of dust and noise emissions:
 - ✓ Regular sprinkling on road and other open area
 - ✓ Regular cleaning of roads
 - ✓ D.G. Set having acoustic enclosures
 - ✓ Adequate greenbelt and plantation area

Environment Statement for 2024-25 for M/s Adani Ports and SEZ Limited
(Multi Product SEZ)

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PART - H

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

- Treated water from STP is used for gardening and horticulture activity within APSEZ premises to conserve the freshwater consumption.
- Unit has formed dedicated Horticulture department & developing green belt within port premises.
- In SEZ more than 145.88 ha. area is developed as greenbelt with samplings of more than 2.54 Lacs.
- Total mangrove conservation area is 2723 Ha and mangrove afforestation area is 4140 Ha. (250 ha during FY 2023-24).
- In entire APSEZ more than 457.99 ha. area is developed as greenbelt with samplings of more than 9.06 Lacs.
- Following safeguard measures are taken for abatement of dust and noise emissions:
 - ✓ Regular sprinkling on road and other open area
 - ✓ 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 environment:

- Monitoring of environmental parameters such as Air, Noise, and wastewater quality being done regular basis through MoEF & NABL recognized laboratory (M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi).
- APSEZ Budget for environmental management measures (including horticulture) for the FY 2023-24 is to the tune of INR **1536.48** lakh. Out of which, Approx. INR **1366.281** lakh is spent during the year FY 2023-24. Detailed breakup of the expenditures for the FY 2023-24 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 Ports and SEZ Limited
(Multi Product SEZ)

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ANNEXURE – 1

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

Month	Water Consumption (KL)		Treated Water (KL)
	Industrial	Domestic (Included horticulture used water)	Treated Sewage
Apr-24	1765	3083	5759
May-24	1517	3478	6505
Jun-24	1720	3163	6761
Jul-24	1819	3941	7541
Aug-24	1928	7279	5823
Sep-24	2326	6229	4983
Oct-24	2358	8199	6559
Nov-24	2730	7189	5751
Dec-24	2125	7251	5801
Jan-25	2265	7695	6156
Feb-25	2326	6881	5505
Mar-25	2113	7686	6149
Total	24992.00	72072.5	73293
Per Month	2082.67	6006.04	6107.75
Per Day	68.47	197.46	200.80

RESULTS OF STP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	PUB ADANI HOUSE 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	--	7.33	7.42	7.51	7.48	7.28	7.24	6.5 to 9	IS 3025 (Part-11):2022
2.	Total Suspended Solids	mg/L	22	24	22	20	20	22	100	APHA 24th Ed.2023,2540 - D
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	15	18	17.2	15.4	14.5	14.9	30	APHA 24th Ed.2023,5210-B
4.	Residual chlorine	mg/L	0.66	0.74	0.79	0.76	0.75	0.82	0.5 Min.	APHA 24th Ed.2023,4500-Cl-G
5.	Fecal Coliform	MPN Index/100ml	70	130	80	140	90	130	1000	IS 1622: 1981

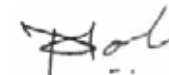
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RESULTS OF STP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	PUB ADANI HOUSE STP OUTLET						GPCB Permissible Limit	TEST METHOD
			Jul-24		Aug-24		Sep-24			
			05-07-2024	24-07-2024	13-08-2024	24-08-2024	05-09-2024	20-09-2024		
1.	pH @ 25 ° C	--	7.34	7.19	7.12	7.18	7.22	7.28	6.5 to 9	IS 3025 (Part-11):2022
2.	Total Suspended Solids	mg/L	16	20	12	16	12	14	100	APHA 24th Ed.2023,2540 - D
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	15.8	14.6	18.2	16.8	14	15.5	30	APHA 24th Ed.2023,5210- B
4.	Residual chlorine	mg/L	0.74	0.75	0.66	0.74	0.68	0.64	0.5 Min.	APHA 24th Ed.2023,4500- CI-G
5.	Fecal Coliform	MPN Index/100ml	80	110	90	140	80	110	1000	IS 1622: 1981



Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

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

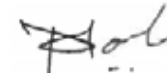
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RESULTS OF STP OUTLET WATER

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 STP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	North Gate 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	7.42	7.46	7.25	7.21	7.36	6.5 to 9	IS 3025 (Part-11):2022
2.	Total Suspended Solids	mg/L	22	18	20	20	20	22	100	APHA 24th Ed.2023,2540 - D
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	14	16	14.8	15.2	16	16.8	30	APHA 24th Ed.2023,5210- B
4.	Residual chlorine	mg/L	0.68	0.74	0.72	0.76	0.81	0.74	0.5 Min.	APHA 24th Ed.2023,4500- Cl-G
5.	Fecal Coliform	MPN Index/100ml	60	80	70	90	60	80	1000	IS 1622: 1981

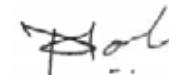
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RESULTS OF STP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	North Gate STP OUTLET						GPCB Permissible Limit	TEST METHOD
			Jul-24		Aug-24		Sep-24			
			05-07-2024	24-07-2024	13-08-2024	24-08-2024	05-09-2024	20-09-2024		
1.	pH @ 25 ° C	--	7.26	6.9	7.38	7.44	7.27	7.24	6.5 to 9	IS 3025 (Part-11):2022
2.	Total Suspended Solids	mg/L	18	20	18	20	46	34	100	APHA 24th Ed.2023,2540 - D
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	14	15	14.4	16.2	21	22	30	APHA 24th Ed.2023,5210-B
4.	Residual chlorine	mg/L	0.58	0.66	0.74	0.81	0.94	0.65	0.5 Min.	APHA 24th Ed.2023,4500-Cl-G
5.	Fecal Coliform	MPN Index/100ml	50	70	60	80	50	70	1000	IS 1622: 1981



Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

Results of Ambient Air Quality Monitoring

Name of Location		PUB / Adani House						
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	HC µg/m ³	Benzene µg/m ³
1.	01-04-2024	72.38	29.81	23.13	26.79	0.71	--	NOT DETECTED
2.	04-04-2024	70.76	27.54	20.84	24.51	0.63	2.64	NOT DETECTED
3.	08-04-2024	65.24	30.12	21.25	22.94	0.68	2.56	NOT DETECTED
4.	11-04-2024	63.71	28.15	20.86	24.63	0.64	2.39	NOT DETECTED
5.	15-04-2024	68.12	27.36	21.74	23.46	0.67	2.48	NOT DETECTED
6.	18-04-2024	73.31	31.98	23.47	26.48	0.70	2.67	NOT DETECTED
7.	22-04-2024	69.53	29.78	21.47	25.10	0.65	2.55	NOT DETECTED
8.	25-04-2024	75.82	30.85	24.19	27.15	0.62	2.74	NOT DETECTED
9.	29-04-2024	72.46	31.82	21.86	24.35	0.68	2.61	NOT DETECTED
10.	02-05-2024	70.72	30.15	20.77	23.82	0.64	2.52	NOT DETECTED
11.	06-05-2024	73.14	32.10	22.49	25.37	0.69	2.67	NOT DETECTED
12.	09-05-2024	68.47	29.84	20.16	23.47	0.61	2.55	NOT DETECTED
13.	13-05-2024	65.48	27.46	21.73	23.91	0.60	2.46	NOT DETECTED
14.	16-05-2024	67.53	28.61	20.85	23.42	0.67	2.53	NOT DETECTED
15.	20-05-2024	64.29	26.83	19.27	22.11	0.63	2.42	NOT DETECTED

Continue...

Name of Location		PUB / Adani House						
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	HC µg/m ³	Benzene µg/m ³
16.	23-05-2024	68.42	28.23	21.44	23.40	0.70	2.79	NOT DETECTED
17.	27-05-2024	70.42	31.14	22.91	25.32	0.65	2.58	NOT DETECTED
18.	30-05-2024	72.34	31.93	20.82	23.84	0.68	2.63	NOT DETECTED
19.	03-06-2024	73.27	29.31	20.87	22.48	0.63	2.62	NOT DETECTED
20.	06-06-2024	68.53	27.15	19.74	22.02	0.59	2.55	NOT DETECTED
21.	10-06-2024	72.48	28.16	20.77	23.09	0.63	2.48	NOT DETECTED
22.	13-06-2024	70.12	25.74	19.35	21.28	0.60	2.53	NOT DETECTED
23.	17-06-2024	61.92	24.64	17.79	20.11	0.55	2.40	NOT DETECTED
24.	20-06-2024	63.78	26.13	18.53	20.85	0.63	2.49	NOT DETECTED
25.	24-06-2024	39.26	22.54	15.83	18.42	ND	1.87	NOT DETECTED
26.	27-06-2024	37.91	20.75	13.97	16.20	ND	1.64	NOT DETECTED
27.	01-07-2024	36.49	18.63	12.84	15.36	0.26	--	NOT DETECTED
28.	04-07-2024	40.28	19.87	14.11	17.63	0.29	1.57	NOT DETECTED
29.	08-07-2024	45.81	22.36	16.74	19.25	0.35	1.63	NOT DETECTED
30.	11-07-2024	48.73	24.15	17.59	20.74	0.41	1.82	NOT DETECTED
31.	15-07-2024	43.94	21.82	15.37	18.21	0.39	1.75	NOT DETECTED

Continue...

Name of Location		PUB / Adani House						
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	HC µg/m ³	Benzene µg/m ³
32.	18-07-2024	52.62	24.03	16.13	19.42	0.44	1.79	NOT DETECTED
33.	22-07-2024	47.49	23.13	14.59	17.84	0.40	1.68	NOT DETECTED
34.	25-07-2024	43.28	20.85	12.71	15.49	0.32	1.62	NOT DETECTED
35.	29-07-2024	39.51	16.94	10.87	13.66	0.24	1.55	NOT DETECTED
36.	01-08-2024	41.11	18.93	13.28	16.42	0.32	1.51	NOT DETECTED
37.	05-08-2024	43.29	19.35	13.74	16.49	0.34	1.58	NOT DETECTED
38.	08-08-2024	41.73	18.83	12.93	15.37	0.31	1.61	NOT DETECTED
39.	12-08-2024	47.52	21.37	14.16	17.10	0.34	1.68	NOT DETECTED
40.	15-08-2024	49.69	22.45	15.26	18.22	0.37	1.72	NOT DETECTED
41.	19-08-2024	47.14	21.43	14.32	17.25	0.35	1.63	NOT DETECTED
42.	22-08-2024	45.28	20.67	13.82	16.74	0.33	1.58	NOT DETECTED
43.	26-08-2024	43.74	20.11	13.32	16.14	0.32	1.49	NOT DETECTED
44.	29-08-2024	47.15	22.32	14.35	17.49	0.35	1.54	NOT DETECTED
45.	02-09-2024	44.39	19.74	14.10	17.35	0.36	1.6	NOT DETECTED
46.	05-09-2024	40.83	18.81	12.94	15.81	0.32	1.53	NOT DETECTED
47.	09-09-2024	42.91	19.46	13.32	16.26	0.33	1.57	NOT DETECTED

Continue...

Name of Location		PUB / Adani House						
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	HC µg/m ³	Benzene µg/m ³
48.	12-09-2024	44.48	20.31	13.84	16.52	0.36	1.63	NOT DETECTED
49.	16-09-2024	47.30	22.29	14.75	17.47	0.38	1.69	NOT DETECTED
50.	19-09-2024	44.10	21.16	13.68	16.42	0.35	1.75	NOT DETECTED
51.	23-09-2024	46.75	22.36	14.53	17.38	0.37	1.62	NOT DETECTED
52.	26-09-2024	43.47	21.73	12.64	15.16	0.32	1.67	NOT DETECTED
53.	30-09-2024	45.83	22.08	13.75	16.54	0.34	1.71	NOT DETECTED
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0	---	5.0
Test Method		IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	Gas analyzer	IS – 5182, Part – 11



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Jaivik S. Tandel
(Manager - Operations)

Results of Ambient Air Quality Monitoring

Name of Location		Adani Guest House				
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
1.	01-04-2024	80.11	29.53	12.83	16.52	NOT DETECTED
2.	04-04-2024	84.26	30.71	14.32	18.11	--
3.	08-04-2024	79.46	28.47	13.11	17.54	--
4.	11-04-2024	75.27	25.39	12.85	17.03	--
5.	15-04-2024	77.36	27.17	13.26	16.59	--
6.	18-04-2024	73.91	25.48	12.26	15.86	--
7.	22-04-2024	76.84	26.97	12.79	16.44	--
8.	25-04-2024	80.49	28.66	14.52	17.16	--
9.	29-04-2024	82.35	30.42	13.73	16.85	--
10.	02-05-2024	77.39	26.19	13.05	15.89	--
11.	06-05-2024	75.19	25.42	12.73	17.42	--
12.	09-05-2024	78.27	27.49	13.26	16.38	--
13.	13-05-2024	80.52	29.71	14.25	17.36	--
14.	16-05-2024	78.64	27.47	13.64	16.83	--
15.	20-05-2024	74.38	26.16	12.39	16.37	--

Continue...

Name of Location		Adani Guest House				
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
16.	23-05-2024	76.73	28.64	13.56	16.98	--
17.	27-05-2024	79.62	30.11	14.01	17.63	--
18.	30-05-2024	75.2	26.85	12.69	15.63	--
19.	03-06-2024	80.12	28.47	14.14	17.21	--
20.	06-06-2024	78.63	27.91	13.85	16.32	--
21.	10-06-2024	75.94	25.38	13.11	15.83	--
22.	13-06-2024	77.53	27.15	13.52	16.14	--
23.	17-06-2024	71.28	24.39	12.25	15.47	--
24.	20-06-2024	68.88	23.64	11.85	14.98	--
25.	24-06-2024	51.25	19.64	9.31	12.46	--
26.	27-06-2024	47.49	17.83	8.65	10.94	--
27.	01-07-2024	44.75	16.94	8.87	10.68	NOT DETECTED
28.	04-07-2024	50.13	18.52	10.12	13.25	--
29.	08-07-2024	54.76	20.47	11.73	13.41	--
30.	11-07-2024	57.39	23.42	13.11	15.87	--
31.	15-07-2024	52.49	19.37	12.36	14.62	--

Continue...

Name of Location		Adani Guest House				
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
32.	18-07-2024	55.85	21.52	12.96	15.19	--
33.	22-07-2024	49.72	19.15	11.64	13.29	--
34.	25-07-2024	45.23	16.74	10.21	13.45	--
35.	29-07-2024	51.42	18.31	9.28	11.63	--
36.	01-08-2024	52.37	17.72	10.65	13.28	--
37.	05-08-2024	48.94	16.98	10.11	13.92	--
38.	08-08-2024	55.13	18.42	11.24	14.75	--
39.	12-08-2024	53.49	17.36	10.62	13.46	--
40.	15-08-2024	57.82	19.06	12.11	15.34	--
41.	19-08-2024	54.59	17.71	11.31	13.64	--
42.	22-08-2024	56.1	18.17	11.85	14.42	--
43.	26-08-2024	52.25	16.91	10.73	13.65	--
44.	29-08-2024	54.81	17.42	11.26	13.41	--
45.	02-09-2024	50.93	15.86	11.12	14.07	--
46.	05-09-2024	53.27	16.42	11.48	14.65	--
47.	09-09-2024	55.36	16.83	12.24	15.41	--

Continue...

Name of Location		Adani Guest House				
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
48.	12-09-2024	58.91	17.48	12.52	15.29	--
49.	16-09-2024	55.71	15.47	11.79	14.36	--
50.	19-09-2024	57.28	16.63	12.18	15.36	--
51.	23-09-2024	59.13	18.15	12.86	15.17	--
52.	26-09-2024	53.28	15.93	11.16	14.38	--
53.	30-09-2024	56.16	16.42	11.53	14.31	--
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0
Test Method		IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10



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(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Ambient Air Quality Monitoring

Name of Location		WTP- Nr. CETP				
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
1.	01-04-2024	80.15	37.82	18.27	22.74	NOT DETECTED
2.	04-04-2024	83.74	40.13	20.74	25.49	--
3.	08-04-2024	78.4	35.68	19.13	23.96	--
4.	11-04-2024	83.57	39.71	18.93	23.66	--
5.	15-04-2024	79.91	36.48	21.26	25.73	--
6.	18-04-2024	77.48	33.62	18.94	22.91	--
7.	22-04-2024	80.64	35.48	19.52	23.16	--
8.	25-04-2024	83.45	39.11	21.53	25.38	--
9.	29-04-2024	78.81	35.34	19.79	24.25	--
10.	02-05-2024	81.73	37.12	19.35	24.1	--
11.	06-05-2024	79.35	34.86	18.11	22.95	--
12.	09-05-2024	83.48	36.37	20.34	25.37	--
13.	13-05-2024	81.83	34.91	20.59	24.86	--
14.	16-05-2024	84.15	38.12	22.01	26.53	--
15.	20-05-2024	80.94	35.63	21.03	25.91	--

Continue...

Name of Location		WTP- Nr. CETP				
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
16.	23-05-2024	77.64	32.78	18.23	22.89	--
17.	27-05-2024	79.62	34.14	19.81	23.46	--
18.	30-05-2024	82.25	36.66	21.45	26.51	--
19.	03-06-2024	80.41	36.52	19.75	23.21	--
20.	06-06-2024	82.74	37.11	21.23	25.37	--
21.	10-06-2024	80.16	35.1	20.12	24.81	--
22.	13-06-2024	78.64	32.75	19.38	23.37	--
23.	17-06-2024	73.28	31.25	19.13	22.61	--
24.	20-06-2024	75.13	33.68	20.43	23.55	--
25.	24-06-2024	55.21	29.75	17.24	20.53	--
26.	27-06-2024	47.63	26.18	15.74	18.95	--
27.	01-07-2024	44.75	22.48	13.73	16.37	NOT DETECTED
28.	04-07-2024	53.47	27.53	15.76	18.15	--
29.	08-07-2024	61.28	31.57	17.24	20.82	--
30.	11-07-2024	57.49	29.62	15.79	18.42	--
31.	15-07-2024	54.68	24.37	14.05	17.64	--

Continue...

Name of Location		WTP- Nr. CETP				
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
32.	18-07-2024	63.15	27.21	17.51	20.38	--
33.	22-07-2024	56.63	25.86	15.13	18.65	--
34.	25-07-2024	49.84	20.84	13.27	16.86	--
35.	29-07-2024	43.77	17.65	12.83	16.14	--
36.	01-08-2024	51.38	20.73	12.65	15.48	--
37.	05-08-2024	56.29	23.64	13.11	16.83	--
38.	08-08-2024	50.94	22.48	12.85	15.93	--
39.	12-08-2024	54.18	21.85	13.37	16.45	--
40.	15-08-2024	60.31	25.02	14.71	17.32	--
41.	19-08-2024	58.62	24.38	14.24	16.98	--
42.	22-08-2024	53.29	22.43	13.11	16.27	--
43.	26-08-2024	51.48	21.14	12.83	15.38	--
44.	29-08-2024	59.19	23.1	14.15	17.11	--
45.	02-09-2024	52.73	21.24	12.92	15.38	--
46.	05-09-2024	50.91	19.89	11.67	14.58	--
47.	09-09-2024	53.17	21.63	12.57	15.44	--

Continue...

Name of Location		WTP- Nr. CETP				
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
48.	12-09-2024	55.48	22.15	12.98	16.03	--
49.	16-09-2024	58.64	24.1	13.46	16.37	--
50.	19-09-2024	53.19	21.95	12.58	15.42	--
51.	23-09-2024	56.29	23.14	13.37	16.11	--
52.	26-09-2024	52.73	21.16	12.74	15.82	--
53.	30-09-2024	55.28	22.32	13.25	16.72	--
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0
Test Method		IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10



Nikunj D. Patel
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Jaivik S. Tandel
(Manager - Operations)

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
1.	01-04-2024	82.41	21.26	11.63	16.47	NOT DETECTED
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	22.10	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	--

Continue...

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
16.	23-05-2024	78.25	18.42	10.85	15.74	--
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	15.10	--
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 DETECTED
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	--

Continue...

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
32.	18-07-2024	57.11	15.34	9.75	11.47	--
33.	22-07-2024	52.58	15.83	8.16	11.21	--
34.	25-07-2024	64.15	16.31	10.64	14.10	--
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	--

Continue...

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
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	--
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
Test Method		IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10



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				
		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
1.	01-04-2024	64.57	23.82	16.11	20.87	NOT DETECTED
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	--

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE				
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
16.	23-05-2024	64.83	23.88	15.73	20.63	--
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 DETECTED
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	--

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE				
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
32.	18-07-2024	57.13	20.62	16.31	19.86	--
33.	22-07-2024	48.42	17.48	14.85	17.42	--
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	--

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE				
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
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	--
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
Test Method		IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Ambient Air Quality Monitoring

Name of Location		AIR STRIP				
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
1.	01-04-2024	83.35	33.41	19.64	23.15	0.12
2.	04-04-2024	80.12	29.75	18.89	21.97	0.11
3.	08-04-2024	82.57	31.94	19.37	22.69	0.12
4.	11-04-2024	85.14	35.25	21.43	26.04	0.11
5.	15-04-2024	80.47	33.32	20.11	25.42	0.11
6.	18-04-2024	76.05	30.74	18.68	21.47	0.12
7.	22-04-2024	82.37	32.46	19.51	22.94	0.12
8.	25-04-2024	85.42	35.17	21.31	26.12	0.11
9.	29-04-2024	81.31	31.47	20.24	24.37	0.12
10.	02-05-2024	79.63	29.19	17.84	21.91	0.11
11.	06-05-2024	81.35	31.48	19.36	23.42	0.12
12.	09-05-2024	80.11	30.29	20.14	24.57	0.11
13.	13-05-2024	78.52	28.64	18.28	22.16	0.11
14.	16-05-2024	75.49	27.1	17.21	21.91	0.11
15.	20-05-2024	81.15	29.89	19.34	23.42	0.12

Continue...

Name of Location		AIR STRIP				
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
16.	23-05-2024	77.49	27.54	17.12	21.83	0.11
17.	27-05-2024	81.43	31.71	19.84	23.17	0.12
18.	30-05-2024	83.35	32.69	20.31	24.55	0.12
19.	03-06-2024	81.27	30.13	18.92	21.35	0.12
20.	06-06-2024	78.36	28.75	17.43	21.84	0.11
21.	10-06-2024	81.41	30.19	19.42	23.14	0.12
22.	13-06-2024	80.15	29.63	18.64	22.83	0.12
23.	17-06-2024	77.46	27.1	17.42	20.38	0.11
24.	20-06-2024	74.39	25.91	16.57	19.79	0.11
25.	24-06-2024	61.38	22.52	14.31	17.84	0.03
26.	27-06-2024	54.98	19.65	11.85	15.23	0.05
27.	01-07-2024	51.63	18.37	11.49	14.21	NOT DETECTED
28.	04-07-2024	58.71	20.86	12.86	16.45	0.04
29.	08-07-2024	63.75	21.64	15.42	19.76	0.06
30.	11-07-2024	72.39	23.48	17.35	20.88	0.04
31.	15-07-2024	73.95	26.22	18.51	22.24	0.07

Continue...

Name of Location		AIR STRIP				
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
32.	18-07-2024	69.87	23.75	15.48	19.73	0.05
33.	22-07-2024	72.36	25.94	16.59	19.11	0.03
34.	25-07-2024	66.48	22.36	14.37	18.63	NOT DETECTED
35.	29-07-2024	63.57	20.39	11.87	14.31	NOT DETECTED
36.	01-08-2024	58.14	20.05	12.63	15.82	NOT DETECTED
37.	05-08-2024	62.39	21.37	13.48	16.14	0.05
38.	08-08-2024	65.13	22.35	14.12	18.06	0.05
39.	12-08-2024	60.32	20.86	13.25	16.28	0.05
40.	15-08-2024	64.74	22.11	14.59	17.36	0.05
41.	19-08-2024	67.42	23.61	14.96	18.1	0.05
42.	22-08-2024	69.31	24.13	15.11	18.74	0.05
43.	26-08-2024	62.64	22.25	13.21	16.47	NOT DETECTED
44.	29-08-2024	65.38	23.56	14.28	17.42	NOT DETECTED
45.	02-09-2024	60.13	20.93	13.15	16.69	NOT DETECTED
46.	05-09-2024	64.38	21.63	13.75	16.91	NOT DETECTED
47.	09-09-2024	62.19	20.85	12.79	15.68	NOT DETECTED

Continue...

Name of Location		AIR STRIP				
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
48.	12-09-2024	65.11	23.19	13.88	16.13	0.05
49.	16-09-2024	68.38	24.83	14.57	17.42	0.05
50.	19-09-2024	64.59	22.38	13.71	16.54	0.05
51.	23-09-2024	66.72	24.15	14.24	17.8	0.05
52.	26-09-2024	63.5	22.12	13.72	16.36	NOT DETECTED
53.	30-09-2024	65.18	23.42	14.31	17.13	NOT DETECTED
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0
Test Method		IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Ambient Air Quality Monitoring

Name of Location		SV2			
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
1.	01-04-2024	71.28	21.63	10.16	15.92
2.	04-04-2024	68.84	19.57	10.73	15.69
3.	08-04-2024	65.38	20.13	11.53	17.36
4.	11-04-2024	69.26	18.74	10.11	15.89
5.	15-04-2024	72.47	20.83	11.24	16.48
6.	18-04-2024	74.11	21.37	10.95	16.52
7.	22-04-2024	68.41	20.47	11.29	15.23
8.	25-04-2024	63.85	18.77	10.85	15.12
9.	29-04-2024	66.31	19.76	10.12	16.32
10.	02-05-2024	68.52	19.73	11.21	15.05
11.	06-05-2024	71.31	20.88	11.93	15.12
12.	09-05-2024	69.42	19.26	11.04	16.31
13.	13-05-2024	66.37	18.87	10.86	15.16
14.	16-05-2024	64.92	17.65	10.52	15.88
15.	20-05-2024	65.28	18.11	10.79	16.01

Continue...

Name of Location		SV2			
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
16.	23-05-2024	67.53	20.10	11.25	15.31
17.	27-05-2024	64.39	17.84	10.86	15.78
18.	30-05-2024	67.54	19.86	11.12	16.44
19.	03-06-2024	66.39	18.10	10.87	14.29
20.	06-06-2024	69.73	18.65	11.87	15.38
21.	10-06-2024	65.49	18.15	11.64	15.10
22.	13-06-2024	63.40	17.32	10.42	14.38
23.	17-06-2024	58.93	15.85	9.85	13.25
24.	20-06-2024	60.38	16.52	10.63	14.57
25.	24-06-2024	34.83	13.29	7.84	10.62
26.	27-06-2024	30.61	12.84	7.13	9.79
27.	01-07-2024	35.86	15.29	7.25	9.63
28.	04-07-2024	38.41	16.92	8.10	11.38
29.	08-07-2024	43.59	18.14	8.58	10.72
30.	11-07-2024	41.20	15.48	7.14	9.91
31.	15-07-2024	45.68	16.27	9.52	11.44

Continue...

Name of Location		SV2			
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
32.	18-07-2024	43.29	15.73	8.87	10.39
33.	22-07-2024	40.65	15.12	8.21	11.03
34.	25-07-2024	45.18	16.42	9.14	11.59
35.	29-07-2024	39.74	15.12	7.73	10.14
36.	01-08-2024	40.93	15.11	7.82	10.47
37.	05-08-2024	42.84	15.81	8.15	11.21
38.	08-08-2024	46.83	16.32	8.52	11.69
39.	12-08-2024	43.72	15.79	7.95	10.31
40.	15-08-2024	46.13	16.68	8.73	11.25
41.	19-08-2024	49.37	17.14	8.97	11.64
42.	22-08-2024	47.42	16.83	8.77	10.98
43.	26-08-2024	44.61	15.49	7.69	10.81
44.	29-08-2024	46.39	16.10	8.42	11.36
45.	02-09-2024	42.37	15.75	8.14	11.08
46.	05-09-2024	41.28	14.91	7.84	10.41
47.	09-09-2024	43.27	15.48	8.37	11.15

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		SV2			
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
48.	12-09-2024	45.63	16.15	9.10	12.21
49.	16-09-2024	43.83	15.61	8.46	10.62
50.	19-09-2024	45.38	15.94	8.98	10.87
51.	23-09-2024	48.14	16.73	9.19	12.10
52.	26-09-2024	43.29	14.78	8.13	10.85
53.	30-09-2024	45.18	15.27	8.48	11.14
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0
Test Method		IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Noise Level Monitoring

Location Name		PUB / Adani House					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		01-04-2024	02-05-2024	03-06-2024	01-07-2024	01-08-2024	02-09-2024
1	06:00 to 07:00	63.5	61.8	60.4	58.3	59.1	59.6
2	07:00 to 08:00	65.8	63.6	62.8	61.2	60.3	59.8
3	08:00 to 09:00	67.2	65.4	66.1	64.8	62.8	62.3
4	09:00 to 10:00	65.5	66.8	65.3	65.7	64.7	63.6
5	10:00 to 11:00	64.8	65.3	65.9	64.4	65.4	64.8
6	11:00 to 12:00	64.2	65.9	67.1	66.8	66.2	65.2
7	12:00 to 13:00	65.5	64.6	66.3	64.2	65.7	64.8
8	13:00 to 14:00	63.1	65.2	64.7	65.4	64.8	65.4
9	14:00 to 15:00	64.3	66.5	65.1	64.8	63.7	64.8
10	15:00 to 16:00	64.8	65.3	65.5	65.2	64.5	64.3
11	16:00 to 17:00	63.2	64.8	64.6	63.9	64.8	64.9
12	17:00 to 18:00	65.7	63.4	64.1	65.5	66.2	65.7
13	18:00 to 19:00	64.1	62.2	62.3	63.2	64.5	65.4
14	19:00 to 20:00	62.7	64.5	63.8	62.9	63.8	64.8
15	20:00 to 21:00	62.9	63.7	64.1	63.5	64.1	63.5
16	21:00 to 22:00	61.3	60.4	61.2	60.4	61.3	61.9
Day Time		<75 dB (A)					

Continue...

Location Name		PUB / Adani House					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		02-10-2023	02-11-2023	04-12-2023	01-01-2024	01-02-2024	04-03-2024
1	22:00 to 23:00	57.4	60.5	59.7	58.6	59.2	60.7
2	23:00 to 24:00	55.8	63.2	61.3	61.7	60.3	58.4
3	24:00 to 01:00	53.9	61.4	62.3	63.3	62.9	60.7
4	01:00 to 02:00	58.6	64.8	61.9	61.9	60.3	62.1
5	02:00 to 03:00	59.3	60.1	59.7	59.5	57.8	60.5
6	03:00 to 04:00	53.8	58.2	57.6	57.4	56.3	61.3
7	04:00 to 05:00	56.3	57.5	56.3	56.3	56.8	58.6
8	05:00 to 06:00	55.6	59.3	57.5	58.1	57.3	58.1

Night Time	<70 dB (A)
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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		Adani Guest House					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		17-04-2024	22-05-2024	18-06-2024	20-07-2024	17-08-2024	17-09-2024
1	06:00 to 07:00	57.6	58.7	58.9	57.6	58.2	59.4
2	07:00 to 08:00	59.4	60.3	61.3	59.7	60.3	61.5
3	08:00 to 09:00	60.3	59.8	60.3	61.4	60.9	63.4
4	09:00 to 10:00	64.6	62.4	63.2	60.8	62.4	64.7
5	10:00 to 11:00	66.4	65.4	64.6	62.2	63.6	64.2
6	11:00 to 12:00	65.7	66.8	65.2	64.6	63.1	65.7
7	12:00 to 13:00	64.2	65.3	64.3	65.3	64.5	67.1
8	13:00 to 14:00	65.2	64.2	65.8	64.9	65.4	66.4
9	14:00 to 15:00	66.6	65.4	64.3	63.6	66.7	65.6
10	15:00 to 16:00	63.2	64.6	65.8	65.6	65.4	64.8
11	16:00 to 17:00	65.6	65.1	64.2	63.8	64.5	65.7
12	17:00 to 18:00	64.3	63.8	62.9	63.5	64.3	65.1
13	18:00 to 19:00	65.5	63.4	62.5	64.1	65.2	64.3
14	19:00 to 20:00	64.4	65.1	64.3	66.2	65.6	64.7
15	20:00 to 21:00	63.1	62.8	63.8	63.5	62.5	62.3
16	21:00 to 22:00	60.1	60.3	59.8	60.3	61.5	60.7
Day Time		<75 dB (A)					

Continue...

Location Name		Adani Guest House					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		17-04-2024	22-05-2024	18-06-2024	20-07-2024	17-08-2024	17-09-2024
1	22:00 to 23:00	60.5	60.6	59.9	58.4	57.9	58.1
2	23:00 to 24:00	62.4	61.7	60.4	59.4	59.1	58.8
3	24:00 to 01:00	61.4	63.3	62.4	61.8	59.6	60.4
4	01:00 to 02:00	63.8	62.8	63.1	63.5	60.5	62.6
5	02:00 to 03:00	62.3	62.4	61.4	62.3	61.9	62.4
6	03:00 to 04:00	60.1	61.8	60.8	61.7	62.2	61.3
7	04:00 to 05:00	61.3	60.2	58.7	59.3	60.3	59.7
8	05:00 to 06:00	61.4	59.8	58.3	59.5	59.3	57.6

Night Time	<70 dB (A)
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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		WTP- Nr. CETP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		03-04-2024	04-05-2024	05-06-2024	03-07-2024	03-08-2024	03-09-2024
1	06:00 to 07:00	63.1	62.8	61.5	60.8	60.2	59.5
2	07:00 to 08:00	65.6	64.9	63.7	64.1	63.5	59.9
3	08:00 to 09:00	67.1	67.3	64.8	66.1	64.8	61.7
4	09:00 to 10:00	65.8	66.7	63.4	64.7	66.5	62.4
5	10:00 to 11:00	65.7	64.9	66.2	67.4	65.2	64.6
6	11:00 to 12:00	67.4	65.7	65.4	64.3	66.7	66.1
7	12:00 to 13:00	65.2	66.3	67.2	65.9	66.3	65.4
8	13:00 to 14:00	64.5	65.4	64.9	63.6	64.8	64.7
9	14:00 to 15:00	67.1	66.8	65.2	64.6	63.7	65.6
10	15:00 to 16:00	65.9	64.2	67.8	65.8	64.7	65.2
11	16:00 to 17:00	65.4	66.1	65.4	65.1	65.4	63.6
12	17:00 to 18:00	65.8	65.8	67.1	67.3	66.3	65.1
13	18:00 to 19:00	65.1	63.2	65.3	64.5	64.3	65.7
14	19:00 to 20:00	63.8	62.3	64.3	65.2	62.8	64.4
15	20:00 to 21:00	60.3	60.6	61.8	63.4	62.7	63.5
16	21:00 to 22:00	60.5	62.4	61.7	61.9	61.3	60.8
Day Time		<75 dB (A)					

Continue...

Location Name		WTP- Nr. CETP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		03-04-2024	04-05-2024	05-06-2024	03-07-2024	03-08-2024	03-09-2024
1	22:00 to 23:00	60.9	60.2	59.8	58.9	59.3	60.5
2	23:00 to 24:00	63.4	61.8	60.6	61.3	60.6	59.4
3	24:00 to 01:00	62.3	63.6	62.7	61.7	62.4	60.6
4	01:00 to 02:00	61.4	62.4	61.4	62.5	61.4	63.4
5	02:00 to 03:00	60.5	62.5	62.7	61.7	63.1	61.7
6	03:00 to 04:00	62.3	60.4	61.5	60.4	62.3	61.4
7	04:00 to 05:00	61.6	62.3	59.8	60.2	59.7	60.3
8	05:00 to 06:00	58.3	60.1	60.3	59.7	58.8	58.2

Night Time	<70 dB (A)
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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 – 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)					

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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)
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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	67.0	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...

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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)
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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		AIR STRIP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		13-04-2024	18-05-2024	15-06-2024	13-07-2024	13-08-2024	14-09-2024
1	06:00 to 07:00	60.8	61.3	63.2	62.8	62.3	63.7
2	07:00 to 08:00	62.7	63.2	65.4	65.1	64.8	63.2
3	08:00 to 09:00	64.6	64.7	66.4	64.7	63.4	65.1
4	09:00 to 10:00	66.8	66.2	67.8	65.5	64.5	65.6
5	10:00 to 11:00	65.1	64.6	65.4	65.4	66.8	66.8
6	11:00 to 12:00	64.8	67.3	68.7	68.2	65.4	64.2
7	12:00 to 13:00	68.3	67.8	65.8	67.5	65.9	66.5
8	13:00 to 14:00	66.7	65.4	67.8	65.8	66.3	63.9
9	14:00 to 15:00	65.2	66.2	65.5	66.4	65.2	64.7
10	15:00 to 16:00	66.4	64.9	63.8	67.1	67.4	66.5
11	16:00 to 17:00	63.8	64.7	65.1	65.4	66.4	66.1
12	17:00 to 18:00	66.5	65.2	66.8	66.4	64.5	65.3
13	18:00 to 19:00	63.8	65.5	65.1	65.1	64.8	66.8
14	19:00 to 20:00	65.1	63.8	65.9	64.8	63.4	65.5
15	20:00 to 21:00	65.4	64.1	64.5	62.5	63.8	64.1
16	21:00 to 22:00	62.3	61.8	62.2	64.1	62.2	62.4
Day Time		<75 dB (A)					

Continue...

Location Name		AIR STRIP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		13-04-2024	18-05-2024	15-06-2024	13-07-2024	13-08-2024	14-09-2024
1	22:00 to 23:00	58.8	58.2	58.5	59.7	59.5	58.7
2	23:00 to 24:00	59.8	60.4	58.8	58.5	59.8	60.4
3	24:00 to 01:00	60.3	62.9	61.5	59.4	60.3	61.7
4	01:00 to 02:00	62.5	61.3	61.8	62.1	62.2	63.8
5	02:00 to 03:00	60.7	63.2	62.5	60.5	61.7	61.2
6	03:00 to 04:00	62.3	62.4	61.4	60.2	60.4	62.6
7	04:00 to 05:00	60.7	61.4	60.5	58.7	59.6	61.2
8	05:00 to 06:00	59.6	60.2	59.6	58.1	57.8	59.7

Night Time	<70 dB (A)
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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		SV2					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		27-04-2024	31-05-2024	20-06-2024	31-07-2024	31-08-2024	28-09-2024
1	06:00 to 07:00	57.4	58.1	58.7	58.1	57.8	58.5
2	07:00 to 08:00	59.4	60.4	59.5	60.6	59.8	60.1
3	08:00 to 09:00	60.7	62.4	61.8	64.2	63.2	62.5
4	09:00 to 10:00	62.4	63.8	63.4	66.5	63.7	63.1
5	10:00 to 11:00	61.5	65.4	63.9	64.3	64.2	65.7
6	11:00 to 12:00	64.3	66.3	65.8	66.2	65.7	66.8
7	12:00 to 13:00	65.2	64.2	66.8	65.7	64.8	65.3
8	13:00 to 14:00	63.9	63.7	65.4	65.4	65.2	66.7
9	14:00 to 15:00	63.8	65.1	66.7	66.2	64.3	65.3
10	15:00 to 16:00	62.7	63.2	64.3	63.9	64.9	65.3
11	16:00 to 17:00	60.5	61.2	64.2	65.3	63.4	65.6
12	17:00 to 18:00	61.6	60.4	63.4	64.1	62.7	64.4
13	18:00 to 19:00	62.7	63.4	60.6	65.5	63.1	63.2
14	19:00 to 20:00	63.4	62.7	63.4	63.2	62.6	60.7
15	20:00 to 21:00	61.8	61.5	62.7	60.6	61.2	60.4
16	21:00 to 22:00	60.7	59.7	60.1	59.1	59.3	58.5
Day Time		<75 dB (A)					

Continue...

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Location Name		SV2					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		27-04-2024	31-05-2024	20-06-2024	31-07-2024	31-08-2024	28-09-2024
1	22:00 to 23:00	58.8	59.2	59.5	58.7	58.2	59.8
2	23:00 to 24:00	58.1	60.6	61.3	60.2	59.7	61.3
3	24:00 to 01:00	60.4	62.4	62.5	61.5	60.4	60.3
4	01:00 to 02:00	62.3	61.8	62.1	62.4	62.1	62.1
5	02:00 to 03:00	61.8	62.7	61.3	60.7	61.8	59.8
6	03:00 to 04:00	60.4	61.1	59.4	60.3	59.9	59.6
7	04:00 to 05:00	58.6	59.8	58.7	59.5	60.5	57.7
8	05:00 to 06:00	57.2	57.7	57.2	58.4	58.8	58.2

Night Time	<70 dB (A)
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Test Method	IS: 9989 : 1981
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Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Stack Monitoring					
Monitoring Period: April - 2024 to September - 2024					
Sr. No.	Parameter	Unit	Adani Hospital DG Set	GPCB LIMIT	Method of Test
			Aug-24		
			13-08-2024		
1	Particulate Matter	mg/Nm ³	19.13	150	IS 11255 (Part - 1)
2	Sulfur Dioxide as SO ₂	ppm	7.18	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO _x	ppm	25.46	50	IS 11255 (Part - 7)

Sr. No.	Parameter	Unit	WTP Nr CETP D.G.Set No. S-1 (380 KVA)	GPCB LIMIT	Method of Test
			Sep-24		
			28-09-2024		
1	Particulate Matter	mg/Nm ³	19.6	150	IS 11255 (Part - 1)
2	Sulfur Dioxide as SO ₂	ppm	5.8	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO _x	ppm	25.47	50	IS 11255 (Part - 7)



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Stack Monitoring					
Monitoring Period: April - 2024 to September - 2024					
Sr. No.	Parameter	Unit	Adani House D.G.Set No. S-1 (750 KVA)	GPCB LIMIT	Method of Test
			Sep-24		
			12-09-2024		
1	Particulate Matter	mg/Nm ³	20.84	150	IS 11255 (Part - 1)
2	Sulfur Dioxide as SO ₂	ppm	9.1	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO _x	ppm	25.42	50	IS 11255 (Part - 7)

Sr. No.	Parameter	Unit	D.G.Set No. S-2 (500 KVA –PUB)	GPCB LIMIT	Method of Test
			Sep-24		
			12-09-2024		
1	Particulate Matter	mg/Nm ³	19.15	150	IS 11255 (Part - 1)
2	Sulfur Dioxide as SO ₂	ppm	8.1	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO _x	ppm	32.26	50	IS 11255 (Part - 7)



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

RESULTS OF CETP INLET WATER

SR.NO.	TEST PARAMETERS	UNIT	CETP INLET						GPCB Permissible Limit CETP Inlet	TEST METHOD
			Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24		
			04-04-2024	24-05-2024	27-06-2024	31-07-2024	06-08-2024	12-09-2024		
1.	pH @ 27 ° C	--	7.44	7.24	7.25	7.6	7.69	7.86	6.5 to 8.5	IS 3025(Part 11):2022
2.	Temperature	°C	30.5	31.5	31	30	30	30	--	IS 3025(Part 9):2023
3.	Colour	Pt. Co. Scale	80	70	70	60	60	50	100	IS 3025(Part 4):2021
4.	Total Suspended Solids	mg/L	58	48	86	44	70	74	800	APHA 24th Ed.2023,2540 –D
5.	Oil & Grease	mg/L	4	4.5	4	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	20	IS 3025(Part 39):2021
6.	Phenolic Compound	mg/L	0.56	0.62	0.55	BDL(MDL:2.0)	BDL(MDL:0.1)	BDL(MDL:0.1)	2	IS 3025(Part 43):2022
7.	Fluoride	mg/L	1.11	1.18	1.06	1.2	0.81	1.65	2	APHA 24th Ed.2023,4500 F, D
8.	Iron as Fe	mg/L	0.168	0.149	0.144	BDL(MDL:0.1)	0.39	0.145	3	IS 3025(Part 53):2003,
9.	Zinc as Zn	mg/L	0.111	0.122	0.134	0.06	0.079	BDL(MDL:0.05)	15	IS 3025(Part 49):1994
10.	Trivalent Chromium	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	3	By Calculation
11.	Sulphide	mg/L	0.68	0.58	0.62	0.61	BDL(MDL:0.05)	0.9	2	APHA 24th Ed.2023,4500 S ⁻² F

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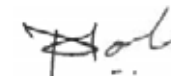
ISO 9001 : 2015
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ISO 45001 : 2018
Certified Company

SR.NO.	TEST PARAMETERS	UNIT	CETP INLET						GPCB Permissi ble Limit CETP Inlet	TEST METHOD
			Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24		
			04-04-2024	24-05-2024	27-06-2024	31-07-2024	06-08-2024	12-09-2024		
12.	Ammonical Nitrogen	mg/L	42.2	38.9	15.3	25.8	19.2	21.5	50	IS 3025(Part 34):1988,
13.	BOD (3 days at 27 °C)	mg/L	120	130	128	123	81	65	1000	IS 3025(Part 44):2023
14.	COD	mg/L	404.5	434.4	272	410	270.4	216.9	2000	IS 3025(Part 58):2023
15.	Chloride (as Cl) ⁻	mg/L	814.6	846.2	490	813.1	822.9	684.8	1000	IS 3025(Part 32):1988
16.	Sulphate (as SO ₄)	mg/L	54	62	56	143.4	100.6	254.3	1000	IS 3025(Part 24):2022
17.	Total Dissolved Solids	mg/L	1648	1670	810	1904	1892	1860	2100	APHA 24th Ed.2023,2540- C
18.	Total Residual Chlorine	mg/L	0.68	0.74	BDL(MDL:0.1)	0.74	BDL(MDL:0.2)	0.84	2	IS 3025(Part 26):2021
19.	Copper as Cu	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	0.0574	BDL(MDL:0.05)	BDL(MDL:0.05)	3	IS 3025(Part 42):1992



Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

RESULTS OF CETP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	CETP OUTLET						GPCB Permissible Limit CETP Outlet	TEST METHOD
			Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24		
			04-04-2024	24-05-2024	27-06-2024	31-07-2024	06-08-2024	12-09-2024		
1.	pH @ 27 ° C	--	7.42	7.22	7.24	7.56	7.75	8.03	6.0 – 9.0	IS 3025(Part 11):2022
2.	Temperature	°C	30	31.5	31	30	30	30	Shall not exceed more than 5 °C above received water temperature	IS 3025(Part 9):2023
3.	Colour	Pt. Co. Scale	40	40	40	50	50	50	100	IS 3025(Part 4):2021
4.	Total Suspended Solids	mg/L	22	26	9	10	14	10	100	APHA 24th Ed.2023,2540 –D
5.	Oil & Grease	mg/L	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	10	IS 3025(Part 39):2021
6.	Phenolic Compound	mg/L	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	1	IS 3025(Part 43):2022
7.	Fluoride	mg/L	1.05	1.14	1	1.15	1.24	1.2	2	APHA 24th Ed.2023,4500 F, D
8.	Iron as Fe	mg/L	0.124	0.133	0.118	BDL(MDL:0.1)	0.182	BDL(MDL:0.1)	3	IS 3025(Part 53):2003,
9.	Zinc as Zn	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	15	IS 3025(Part 49):1994
10.	Trivalent Chromium	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	2	By Calculation

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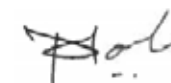
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ISO 45001 : 2018
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SR.N O.	TEST PARAMETERS	UNIT	CETP OUTLET						GPCB Permissible Limit CETP Inlet	TEST METHOD
			Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24		
			10-10-2023	22-11-2023	26-12-2023	23-01-2024	02-02-2024	04-03-2024		
11.	Sulphide	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	2	APHA 24th Ed.2023,4500 S ⁻² F
12.	Ammonical Nitrogen	mg/L	26.6	28.3	2.5	4.5	3.4	1.2	50	IS 3025(Part 34):1988,
13.	BOD (3 days at 27 °C)	mg/L	26	29	31	39	40	28	100	IS 3025(Part 44):2023
14.	COD	mg/L	84.2	96.4	82	130	134.2	92.2	250	IS 3025(Part 58):2023
15.	Chloride (as Cl) ⁻	mg/L	804	812.4	670.2	784	788.4	650.8	1000	IS 3025(Part 32):1988
16.	Sulphate (as SO ₄)	mg/L	52	56	50	129.2	116.7	246.2	1000	IS 3025(Part 24):2022
17.	Total Dissolved Solids	mg/L	1642	1662	1674	1780	1800	1852	2100	APHA 24th Ed.2023,2540- C
18.	Total Residual Chlorine	mg/L	0.66	0.74	0.52	0.74	0.72	0.92	1	IS 3025(Part 26):2021
19.	Copper as Cu	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	3	IS 3025(Part 42):1992
20.	Bio Assay test (%)	%	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	IS:6582-1971



Mr. Nilesh Patel
Sr. Chemist

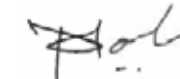
Mr. Nitin Tandel
Technical Manager

RESULTS OF BOREHOLE WATER SAMPLE

Sr. No	Parameters	Method	Unit	14-06-2024	14-06-2024	14-06-2024	14-06-2024
				Nr. PUB Building.	Nr. CETP	Nr.flyover bridge	Dhrub
1	pH @ 25 ° C	IS 3025(Part 11)1983	--	7.11	8.54	7.58	7.96
2	Salinity	APHA 24th Ed.,2023,2520 B	ppt	18.38	1.9	7.1	1.68
3	Oil & Grease	IS 3025(Part39)1991, Amd. 2	mg/L	BDL(MDL:5.0)	BDL(MDL:5.0)	BDL(MDL:5.0)	BDL(MDL:5.0)
4	Hydrocarbon	GC/GCMS	mg/L	Not Detected	Not Detected	Not Detected	Not Detected
5	Lead as Pb	IS 3025 (PART 47) 1994	mg/L	BDL(MDL:0.01)	BDL(MDL:0.01)	0.018	BDL(MDL:0.01)
6	Arsenic as As	APHA 24th Ed.,2023,3114-C	mg/L	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)
7	Nickel as Ni	IS 3025 (PART 54) 2003	mg/L	BDL(MDL:0.02)	0.115	0.192	BDL(MDL:0.02)
8	Total Chromium as Cr	IS 3025 (PART 52) 2003	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)
9	Cadmium as Cd	IS 3025(PART 41) 1992	mg/L	0.111	0.06	0.123	BDL(MDL:0.003)
10	Mercury as Hg	APHA 24th Ed.,2023, 3112-B	mg/L	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)
11	Zinc as Zn	IS 3025(PART 49) 1994	mg/L	0.065	BDL(MDL:0.05)	0.141	BDL(MDL:0.05)
12	Copper as Cu	IS 3025 (PART 42) 1992	mg/L	BDL(MDL:0.05)	0.114	0.13	BDL(MDL:0.05)
13	Iron as Fe	IS 3025(PART 53) 2003	mg/L	0.138	0.187	0.133	0.124
14	Insecticides/Pesticides	USEPA 8081 B	µg/L	Absent	Absent	Absent	Absent
15	Depth of Water Level from Ground Level	--	meter	2.1	2.15	2.15	2.15


Mr. Nilesh Patel
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Technical Manager

RESULTS OF SOIL SAMPLE

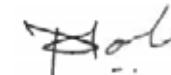
SR.NO.	TEST PARAMETERS	UNIT	14-06-2024	14-06-2024	14-06-2024	14-06-2024
			24/06/Soil/APL-0001	24/06/Soil/APL-0002	24/06/Soil/APL-0003	24/06/Soil/APL-0004
1	pH	--	8.56	8.56	8.42	9.14
2	Nitrogen as N	%	0.19	0.44	0.39	0.52
3	Phosphorus as P	mg/kg	1256.4	710.4	870.5	5090.6
4	Potassium as K	mg/kg	44.5	1258	232.5	160.8
5	Baron as B	mg/kg	1.82	1.96	2.18	3.11
6	Calcium as Ca	mg/kg	334.2	3260.8	1031.2	432
7	Magnesium as Mg	mg/kg	158.6	5584.2	502.6	102.3
8	Iron as Fe	%	0.74	1.42	0.88	1.12
9	Moisture	%	0.28	1.02	0.31	1.65
10	Organic Matter	%	0.84	1.59	1.28	1.48
11	Cation exchange capacity (CEC)	meq/100gm	10.1	14.9	10.55	10.36
12	TVC	CFU/gm	2.5x10 ⁶	2.7 x 10 ⁶	2.5 x 10 ⁶	2.1 x 10 ⁶
13	Cadmium as Cd	mg/kg	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)
14	Thorium as Th	mg/kg	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)
15	Antimony as Sb	mg/kg	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)
16	Arsenic as As	mg/kg	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)

Continue...

17	Lead as Pb	mg/kg	9.58	9.38	16.88	7.41
18	Chromium as Cr	mg/kg	3.11	9.18	3.46	4.31
19	Cobalt as Co	mg/kg	10.02	10.62	8.84	9.86
20	Copper as Cu	mg/kg	8.24	11.58	31.08	16.84
21	Nickel as Ni	mg/kg	12.4	15.11	13.34	14.65
22	Manganese and Mn	mg/kg	402.2	228.6	220.1	180.85
23	Vanadium as V	mg/kg	7.49	8.39	8.76	7.85



Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

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 (PM10)	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	1-30 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
14	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

CETP water			
Sr. No.	Test Parameter	Unit	MDL
1	pH @ 27 ° C	--	2
2	Temperature	OC	5
3	Colour	Pt. Co. Scale	5
4	Total Suspended Solids	mg/L	4
5	Oil & Grease	mg/L	2
6	Phenolic Compound	mg/L	0.1
7	Fluoride	mg/L	0.2
8	Iron as Fe	mg/L	0.1
9	Zinc as Zn	mg/L	0.05
10	Trivalent Chromium	mg/L	0.05
11	Sulphide	mg/L	0.05
12	Ammonical Nitrogen	mg/L	2
13	BOD (3 days at 27 OC)	mg/L	1
14	COD	mg/L	2
15	Chloride (as Cl) ⁻	mg/L	1
16	Sulphate (as SO ₄)	mg/L	1
17	Total Dissolved Solids	mg/L	4
18	Total Residual Chlorine	mg/L	0.1
19	Copper as Cu	mg/L	0.05
20	Bio Assay test (%)	%	--
STP OUTLET			

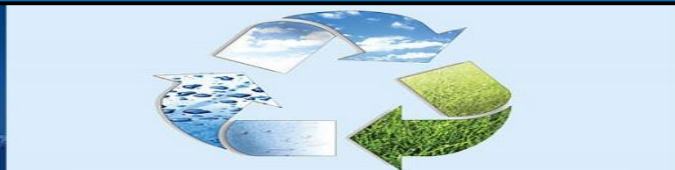
QCI-NABET Accredited EIA
Consultant Organization

GPCB Recognized Environmental
Auditor (Schedule-11)

ISO 9001 : 2015
Certified Company

ISO 45001 : 2018
Certified Company

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	



“Half Yearly Environmental Monitoring Reports “



M/S. ADANI PORTS & SEZ Limited.

Notified SEZ area, Tal. – Mundra, Dist. – Kutch – 370421.

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	PUB ADANI HOUSE STP OUTLET						GPCB Permissible Limit	TEST METHOD
			Oct-24		Nov-24		Dec-24			
			09-10-2024	23-10-2024	13-11-2024	23-11-2024	05-12-2024	25-12-2024		
1.	pH @ 25 ° C	--	7.11	7.39	6.88	7.02	7.11	7.64	6.5 to 9	IS 3025 (Part-11):2022
2.	Total Suspended Solids	mg/L	18	14	20	19	20	24	100	APHA 24th Ed.2023,2540 - D
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	18	14.5	15.6	17	18	16	30	APHA 24th Ed.2023,5210- B
4.	Residual chlorine	mg/L	0.72	0.65	0.65	0.58	0.62	0.64	0.5 Min.	APHA 24th Ed.2023,4500- CI-G
5.	Fecal Coliform	MPN Index/100ml	70	80	60	70	50	80	1000	IS 1622: 1981

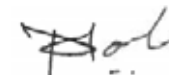
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RESULTS OF STP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	PUB ADANI HOUSE STP OUTLET						GPCB Permissible Limit	TEST METHOD
			Jan-25		Feb-25		Mar-25			
			07-01-2025	24-01-2025	03-02-2025	17-02-2025	03-03-2025	17-03-2025		
1.	pH @ 25 ° C	--	7.16	7.25	7.14	7.18	7.34	7.22	6.5 to 9	IS 3025 (Part-11):2022
2.	Total Suspended Solids	mg/L	18	24	20	24	28	26	100	APHA 24th Ed.2023,2540 - D
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	16	18	17	16	17	17	30	APHA 24th Ed.2023,5210-B
4.	Residual chlorine	mg/L	0.62	0.68	0.58	0.62	0.66	0.72	0.5 Min.	APHA 24th Ed.2023,4500-Cl-G
5.	Fecal Coliform	MPN Index/100ml	60	70	50	80	60	70	1000	IS 1622: 1981



Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

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

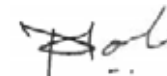
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RESULTS OF STP OUTLET WATER

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



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RESULTS OF STP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	North Gate STP OUTLET						GPCB Permissible Limit	TEST METHOD
			Oct-24		Nov-24		Dec-24			
			09-10-2024	23-10-2024	13-11-2024	23-11-2024	05-12-2024	25-12-2024		
1.	pH @ 25 ° C	--	7.42	7.36	7.44	7.25	7.12	7.43	6.5 to 9	IS 3025 (Part-11):2022
2.	Total Suspended Solids	mg/L	24	26	18	16	12	14	100	APHA 24th Ed.2023,2540 - D
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	18	20	16.5	17.2	18.4	16.2	30	APHA 24th Ed.2023,5210-B
4.	Residual chlorine	mg/L	0.64	0.84	0.56	0.64	0.72	0.68	0.5 Min.	APHA 24th Ed.2023,4500-Cl-G
5.	Fecal Coliform	MPN Index/100ml	40	80	34	70	33	60	1000	IS 1622: 1981

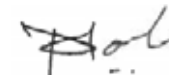
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RESULTS OF STP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	North Gate STP OUTLET						GPCB Permissible Limit	TEST METHOD
			Jan-25		Feb-25		Mar-25			
			07-01-2025	24-01-2025	05-02-2025	19-02-2025	08-03-2025	19-03-2025		
1.	pH @ 25 ° C	--	7.26	7.38	7.19	7.27	7.28	7.43	6.5 to 9	IS 3025 (Part-11):2022
2.	Total Suspended Solids	mg/L	18	22	24	22	18	22	100	APHA 24th Ed.2023,2540 - D
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	14.5	18	15	16	17	18	30	APHA 24th Ed.2023,5210-B
4.	Residual chlorine	mg/L	0.61	0.72	0.58	0.64	0.58	0.64	0.5 Min.	APHA 24th Ed.2023,4500-Cl-G
5.	Fecal Coliform	MPN Index/100ml	34	70	33	60	34	50	1000	IS 1622: 1981



Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

Results of Ambient Air Quality Monitoring

Name of Location		PUB / Adani House						
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	HC µg/m ³	Benzene µg/m ³
1.	03-10-2024	56.80	22.15	15.77	18.46	0.52	--	NOT DETECTED
2.	07-10-2024	58.63	22.72	16.38	19.62	0.56	1.73	NOT DETECTED
3.	10-10-2024	62.42	23.19	17.42	20.38	0.59	1.77	NOT DETECTED
4.	14-10-2024	59.74	22.52	16.46	19.31	0.53	1.70	NOT DETECTED
5.	17-10-2024	63.27	24.36	17.71	20.88	0.55	1.82	NOT DETECTED
6.	21-10-2024	66.84	26.31	18.25	22.10	0.61	1.88	NOT DETECTED
7.	24-10-2024	68.61	26.77	18.69	22.36	0.63	1.94	NOT DETECTED
8.	28-10-2024	63.28	25.11	16.52	19.83	0.57	1.85	NOT DETECTED
9.	31-10-2024	66.17	26.32	17.39	20.42	0.60	1.97	NOT DETECTED
10.	04-11-2024	64.18	24.84	15.93	19.31	0.61	1.93	NOT DETECTED
11.	07-11-2024	67.27	26.18	17.26	20.64	0.64	2.18	NOT DETECTED
12.	11-11-2024	69.81	28.26	18.15	22.37	0.70	2.31	NOT DETECTED
13.	14-11-2024	65.48	27.62	17.13	21.53	0.67	2.15	NOT DETECTED
14.	18-11-2024	63.21	24.92	16.83	20.42	0.64	2.06	NOT DETECTED
15.	21-11-2024	66.38	25.46	17.53	21.72	0.68	2.14	NOT DETECTED

Continue...

Name of Location		PUB / Adani House						
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	HC µg/m ³	Benzene µg/m ³
16.	25-11-2024	63.40	24.84	16.46	20.34	0.60	2.03	NOT DETECTED
17.	28-11-2024	65.37	25.19	17.11	20.75	0.66	2.10	NOT DETECTED
18.	02-12-2024	67.14	26.53	16.32	20.17	0.64	2.06	NOT DETECTED
19.	05-12-2024	70.37	28.84	17.78	21.43	0.68	2.19	NOT DETECTED
20.	09-12-2024	72.62	29.91	18.24	22.48	0.71	2.31	NOT DETECTED
21.	12-12-2024	67.36	26.84	16.60	20.51	0.67	2.27	NOT DETECTED
22.	16-12-2024	70.41	28.47	17.49	21.37	0.69	2.34	NOT DETECTED
23.	19-12-2024	73.39	28.72	18.83	22.55	0.73	2.37	NOT DETECTED
24.	23-12-2024	65.45	25.84	15.91	19.32	0.66	2.26	NOT DETECTED
25.	26-12-2024	68.42	26.38	17.24	21.84	0.70	2.30	NOT DETECTED
26.	30-12-2024	66.18	25.97	16.59	20.45	0.67	2.23	NOT DETECTED
27.	02-01-2025	70.52	25.92	18.13	23.35	0.68	--	NOT DETECTED
28.	06-01-2025	66.58	27.51	17.52	21.89	0.65	2.46	NOT DETECTED
29.	09-01-2025	64.48	24.61	16.94	21.13	0.63	2.31	NOT DETECTED
30.	13-01-2025	68.26	26.81	17.59	22.64	0.68	2.58	NOT DETECTED
31.	16-01-2025	71.53	27.14	18.53	23.28	0.72	2.62	NOT DETECTED

Continue...

Name of Location		PUB / Adani House						
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	HC µg/m ³	Benzene µg/m ³
32.	20-01-2025	75.49	29.42	19.39	25.03	0.76	2.68	NOT DETECTED
33.	23-01-2025	73.49	28.10	18.53	23.74	0.73	2.6	NOT DETECTED
34.	27-01-2025	68.58	26.35	16.84	21.53	0.68	2.48	NOT DETECTED
35.	30-01-2025	71.24	27.51	17.46	23.58	0.72	2.54	NOT DETECTED
36.	03-02-2025	72.71	26.18	17.65	22.11	0.65	2.52	NOT DETECTED
37.	06-02-2025	76.42	28.53	19.42	24.35	0.68	2.57	NOT DETECTED
38.	10-02-2025	78.64	29.35	19.97	25.17	0.70	2.64	NOT DETECTED
39.	13-02-2025	69.53	25.93	17.11	22.64	0.63	2.55	NOT DETECTED
40.	17-02-2025	66.81	24.76	16.99	22.19	0.62	2.49	NOT DETECTED
41.	20-02-2025	70.61	26.53	17.84	23.15	0.66	2.57	NOT DETECTED
42.	24-02-2025	74.58	28.46	19.54	24.63	0.72	2.65	NOT DETECTED
43.	27-02-2025	68.75	25.11	16.79	21.36	0.68	2.59	NOT DETECTED
44.	03-03-2024	67.53	23.47	15.93	19.72	0.64	2.46	NOT DETECTED
45.	06-03-2024	70.23	25.74	18.13	22.45	0.66	2.51	NOT DETECTED
46.	10-03-2024	73.46	27.91	19.20	23.42	0.71	2.48	NOT DETECTED
47.	13-03-2024	68.63	23.58	16.24	20.63	0.68	2.55	NOT DETECTED

Continue...

Name of Location		PUB / Adani House						
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	HC µg/m ³	Benzene µg/m ³
48.	17-03-2024	65.48	23.91	15.97	19.63	0.64	2.45	NOT DETECTED
49.	20-03-2024	70.13	25.85	16.36	20.11	0.72	2.57	NOT DETECTED
50.	24-03-2024	74.36	27.54	18.69	22.65	0.75	2.6	NOT DETECTED
51.	27-03-2024	72.91	25.86	17.64	21.91	0.70	2.53	NOT DETECTED
52.	31-03-2024	76.14	27.88	19.16	23.45	0.74	2.57	NOT DETECTED
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0	---	5.0
Test Method		IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	Gas analyzer	IS – 5182, Part – 11



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Ambient Air Quality Monitoring

Name of Location		Adani Guest House				
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
1.	03-10-2024	58.51	16.85	11.73	14.12	NOT DETECTED
2.	07-10-2024	61.38	17.62	12.14	14.75	--
3.	10-10-2024	63.27	18.41	12.94	16.11	--
4.	14-10-2024	60.37	17.24	11.73	15.31	--
5.	17-10-2024	67.88	19.74	13.47	16.05	--
6.	21-10-2024	64.38	18.64	12.53	15.65	--
7.	24-10-2024	66.15	19.47	13.38	16.12	--
8.	28-10-2024	70.71	20.37	14.03	16.78	--
9.	31-10-2024	67.63	19.25	13.42	15.89	--
10.	04-11-2024	65.39	18.86	13.11	16.37	--
11.	07-11-2024	67.28	19.35	14.18	17.52	--
12.	11-11-2024	64.31	18.48	13.24	16.84	--
13.	14-11-2024	67.38	20.13	14.47	17.15	--
14.	18-11-2024	65.28	19.12	13.41	16.37	--
15.	21-11-2024	63.29	17.75	12.36	15.61	--

Continue...

Name of Location		Adani Guest House				
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
16.	25-11-2024	66.48	19.57	14.31	17.57	--
17.	28-11-2024	64.89	18.85	12.74	15.83	--
18.	02-12-2024	63.94	17.73	12.85	16.49	--
19.	05-12-2024	65.83	18.27	13.21	17.83	--
20.	09-12-2024	69.24	18.98	14.29	18.53	--
21.	12-12-2024	71.42	20.58	14.91	18.86	--
22.	16-12-2024	67.58	18.11	13.68	17.36	--
23.	19-12-2024	64.35	17.83	12.71	16.37	--
24.	23-12-2024	70.49	20.14	14.63	18.12	--
25.	26-12-2024	67.3	18.74	13.89	17.35	--
26.	30-12-2024	69.77	19.25	14.72	18.21	--
27.	02-01-2025	72.63	21.35	15.68	19.27	NOT DETECTED
28.	06-01-2025	75.49	22.61	16.13	20.53	--
29.	09-01-2025	68.57	20.53	14.38	18.62	--
30.	13-01-2025	70.52	21.47	15.29	19.88	--
31.	16-01-2025	65.48	18.79	13.65	17.31	--

Continue...

Name of Location		Adani Guest House				
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
32.	20-01-2025	68.19	19.87	14.2	18.47	--
33.	23-01-2025	73.27	21.53	15.72	19.69	--
34.	27-01-2025	67.65	18.76	14.11	18.73	--
35.	30-01-2025	70.81	20.93	15.14	19.58	--
36.	03-02-2025	69.52	18.15	13.84	17.37	--
37.	06-02-2025	65.48	17.64	12.93	16.74	--
38.	10-02-2025	71.38	18.79	14.11	17.58	--
39.	13-02-2025	74.28	20.35	15.27	19.58	--
40.	17-02-2025	67.64	17.58	13.74	17.27	--
41.	20-02-2025	72.47	20.14	14.52	18.76	--
42.	24-02-2025	76.49	21	15.39	19.35	--
43.	27-02-2025	70.81	19.38	14.1	17.95	--
44.	03-03-2024	72.36	19.73	14.68	18.31	--
45.	06-03-2024	75.46	21.38	15.63	19.56	--
46.	10-03-2024	70.91	18.43	14.57	18.38	--
47.	13-03-2024	73.28	19.96	14.88	19.11	--

Continue...

Name of Location		Adani Guest House				
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
48.	17-03-2024	76.49	21.85	16.12	20.53	--
49.	20-03-2024	72.37	20.18	15.75	19.64	--
50.	24-03-2024	68.56	18.74	14.65	18.27	--
51.	27-03-2024	72.93	22.01	15.28	19.69	--
52.	31-03-2024	70.24	20.58	14.97	18.63	--
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0
Test Method		IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Ambient Air Quality Monitoring

Name of Location		WTP- Nr. CETP				
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
1.	03-10-2024	57.13	22.37	13.58	16.25	NOT DETECTED
2.	07-10-2024	60.27	24.84	14.26	17.53	--
3.	10-10-2024	58.73	23.15	13.47	16.68	--
4.	14-10-2024	59.91	24.18	14.13	17.83	--
5.	17-10-2024	61.37	25.68	14.69	17.61	--
6.	21-10-2024	63.48	26.79	15.42	19.13	--
7.	24-10-2024	60.28	24.25	14.31	17.85	--
8.	28-10-2024	63.27	27.11	15.73	18.59	--
9.	31-10-2024	61.52	25.16	14.49	17.18	--
10.	04-11-2024	64.28	23.84	13.89	16.55	--
11.	07-11-2024	66.18	25.13	14.84	17.49	--
12.	11-11-2024	65.73	24.58	14.37	18.11	--
13.	14-11-2024	67.36	26.25	15.51	19.24	--
14.	18-11-2024	70.41	28.11	16.37	20.05	--
15.	21-11-2024	68.64	26.82	15.88	18.71	--

Continue...

Name of Location		WTP- Nr. CETP				
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
16.	25-11-2024	64.38	25.41	14.32	17.53	--
17.	28-11-2024	66.73	26.38	15.76	18.39	--
18.	02-12-2024	67.39	24.82	14.26	17.73	--
19.	05-12-2024	70.36	25.63	15.92	18.35	--
20.	09-12-2024	73.48	25.98	16.34	20.14	--
21.	12-12-2024	69.63	24.15	15.37	18.46	--
22.	16-12-2024	71.92	26.41	16.76	19.83	--
23.	19-12-2024	65.39	23.93	14.27	17.53	--
24.	23-12-2024	68.24	24.21	15.47	18.15	--
25.	26-12-2024	66.48	23.86	15.03	18.46	--
26.	30-12-2024	65.92	23.11	14.79	17.54	--
27.	02-01-2025	70.31	27.63	17.46	21.85	NOT DETECTED
28.	06-01-2025	67.58	24.94	15.49	18.36	--
29.	09-01-2025	73.28	28.47	17.63	20.58	--
30.	13-01-2025	70.37	26.58	15.35	18.26	--
31.	16-01-2025	72.49	27.97	16.72	20.56	--

Continue...

Name of Location		WTP- Nr. CETP				
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
32.	20-01-2025	76.48	29.14	18.1	22.21	--
33.	23-01-2025	73.29	26.83	17.55	20.91	--
34.	27-01-2025	67.84	25.47	15.81	18.67	--
35.	30-01-2025	71.35	27.65	16.24	20.47	--
36.	03-02-2025	65.84	23.36	15.27	18.19	--
37.	06-02-2025	68.13	24.81	16.37	19.15	--
38.	10-02-2025	74.15	25.63	18.1	21.69	--
39.	13-02-2025	72.38	25.95	17.63	20.42	--
40.	17-02-2025	68.58	23.21	15.9	18.83	--
41.	20-02-2025	71.42	25.59	16.28	19.46	--
42.	24-02-2025	73.91	26.73	18.13	21.36	--
43.	27-02-2025	68.66	24.73	16.25	19.77	--
44.	03-03-2024	70.62	26.14	16.52	20.13	--
45.	06-03-2024	73.47	27.58	17.13	21.63	--
46.	10-03-2024	67.25	24.84	15.49	19.95	--
47.	13-03-2024	70.74	25.92	16.31	20.52	--

Continue...

Name of Location		WTP- Nr. CETP				
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
48.	17-03-2024	72.93	26.47	16.88	20.37	--
49.	20-03-2024	75.43	28.64	17.57	22.36	--
50.	24-03-2024	71.64	25.91	15.82	19.28	--
51.	27-03-2024	73.29	26.68	16.07	20.36	--
52.	31-03-2024	69.86	25.63	14.94	18.69	--
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0
Test Method		IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

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
1.	03-10-2024	61.28	15.34	9.73	12.45	NOT DETECTED
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	--

Continue...

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
16.	25-11-2024	67.25	18.47	11.52	13.81	--
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 DETECTED
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	--

Continue...

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
32.	20-01-2025	74.16	22.81	14.26	17.63	--
33.	23-01-2025	77.35	24.62	16.25	19.47	--
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	--

Continue...

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
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	--
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
Test Method		IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10



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				
		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
1.	03-10-2024	50.73	14.61	11.69	14.42	NOT DETECTED
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	--

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE				
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
16.	25-11-2024	63.28	18.03	15.08	18.19	--
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 DETECTED
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	--

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE				
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
32.	20-01-2025	67.95	19.18	16.59	20.84	--
33.	23-01-2025	65.37	16.72	15.39	18.87	--
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	--

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE				
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
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	--
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
Test Method		IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Ambient Air Quality Monitoring

Name of Location		AIR STRIP				
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
1.	03-10-2024	68.61	23.79	14.84	18.77	NOT DETECTED
2.	07-10-2024	71.48	24.52	15.19	20.36	NOT DETECTED
3.	10-10-2024	73.49	25.91	15.68	20.53	NOT DETECTED
4.	14-10-2024	75.21	26.36	16.31	21.26	NOT DETECTED
5.	17-10-2024	72.58	25.16	15.53	19.62	NOT DETECTED
6.	21-10-2024	76.58	27.63	17.26	21.78	0.11
7.	24-10-2024	78.53	28.46	17.86	22.53	0.11
8.	28-10-2024	75.42	26.85	17.24	21.46	0.10
9.	31-10-2024	72.91	25.73	16.31	20.57	0.10
10.	04-11-2024	74.63	27.25	16.16	21.42	0.1
11.	07-11-2024	71.39	25.47	15.73	20.11	NOT DETECTED
12.	11-11-2024	75.63	27.84	16.94	20.85	0.11
13.	14-11-2024	78.46	28.81	17.47	21.64	0.11
14.	18-11-2024	76.13	27.52	16.83	20.83	0.11
15.	21-11-2024	80.84	29.59	18.28	22.75	0.11

Continue...

Name of Location		AIR STRIP				
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
16.	25-11-2024	82.47	30.63	18.71	21.93	0.11
17.	28-11-2024	77.53	28.34	17.46	21.53	0.1
18.	02-12-2024	80.17	30.52	18.47	22.14	0.12
19.	05-12-2024	78.64	28.58	17.42	21.91	0.11
20.	09-12-2024	82.37	31.59	19.68	23.75	0.12
21.	12-12-2024	79.83	30.94	18.13	22.65	0.11
22.	16-12-2024	84.14	33.57	20.68	24.82	0.12
23.	19-12-2024	77.62	31.28	19.13	23.74	0.11
24.	23-12-2024	75.48	29.31	18.79	21.55	0.12
25.	26-12-2024	82.37	32.79	20.26	24.13	0.12
26.	30-12-2024	79.65	30.31	18.27	22.31	0.11
27.	02-01-2025	76.59	31.24	19.73	23.46	0.12
28.	06-01-2025	80.25	34.73	21.21	25.35	0.11
29.	09-01-2025	84.38	35.06	22.35	26.79	0.12
30.	13-01-2025	77.41	31.63	20.13	25.37	0.11
31.	16-01-2025	79.28	32.81	22.19	26.24	0.11

Continue...

Name of Location		AIR STRIP				
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
32.	20-01-2025	73.48	28.97	18.81	22.53	0.11
33.	23-01-2025	76.29	30.51	19.36	23.44	0.11
34.	27-01-2025	79.74	32.32	21.13	25.92	0.12
35.	30-01-2025	75.41	29.85	18.93	22.67	0.12
36.	03-02-2025	82.36	30.61	20.32	24.86	0.11
37.	06-02-2025	77.56	28.63	19.85	24.11	0.12
38.	10-02-2025	80.18	31.63	20.13	25.32	0.12
39.	13-02-2025	75.48	27.13	17.98	22.1	0.11
40.	17-02-2025	78.64	28.95	18.72	23.54	0.11
41.	20-02-2025	81.48	30.83	20.47	24.71	0.12
42.	24-02-2025	84.46	32.64	21.89	25.54	0.12
43.	27-02-2025	80.91	30.52	20.41	23.97	0.11
44.	03-03-2024	78.36	29.69	20.12	25.22	0.12
45.	06-03-2024	75.48	28.54	19.83	24.91	0.11
46.	10-03-2024	80.13	30.26	21.83	25.36	0.12
47.	13-03-2024	83.47	33.83	22.18	26.73	0.12

Continue...

Name of Location		AIR STRIP				
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
48.	17-03-2024	78.47	31.46	19.61	23.46	0.11
49.	20-03-2024	80.82	33.16	20.47	24.15	0.12
50.	24-03-2024	75.94	29.46	18.99	22.74	0.11
51.	27-03-2024	77.83	30.43	18.75	23.1	0.11
52.	31-03-2024	81.13	32.41	21.46	25.19	0.12
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0
Test Method		IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Ambient Air Quality Monitoring

Name of Location		SV2			
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
1.	03-10-2024	52.13	16.28	8.68	11.73
2.	07-10-2024	53.28	17.45	9.12	12.41
3.	10-10-2024	55.37	17.94	9.48	12.89
4.	14-10-2024	58.51	18.46	10.17	13.52
5.	17-10-2024	54.85	17.36	9.52	12.23
6.	21-10-2024	57.46	18.29	9.92	12.57
7.	24-10-2024	60.51	19.68	10.21	13.53
8.	28-10-2024	56.54	17.73	9.37	12.48
9.	31-10-2024	58.15	18.36	9.96	13.11
10.	04-11-2024	63.28	17.72	10.11	13.48
11.	07-11-2024	65.47	18.13	10.57	13.92
12.	11-11-2024	68.41	19.04	11.10	14.29
13.	14-11-2024	64.28	18.26	10.42	13.57
14.	18-11-2024	66.59	18.95	10.79	13.96
15.	21-11-2024	63.47	17.63	9.86	12.31

Continue...

Name of Location		SV2			
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
16.	25-11-2024	65.48	18.73	10.75	13.59
17.	28-11-2024	64.19	17.58	10.14	13.26
18.	02-12-2024	65.15	17.36	10.47	13.19
19.	05-12-2024	67.28	18.12	11.13	13.75
20.	09-12-2024	64.47	16.94	10.73	13.46
21.	12-12-2024	67.51	18.37	11.48	14.57
22.	16-12-2024	65.38	17.84	10.47	13.26
23.	19-12-2024	64.13	17.24	10.10	12.98
24.	23-12-2024	66.89	18.41	11.75	13.63
25.	26-12-2024	68.54	19.68	12.13	15.20
26.	30-12-2024	65.69	17.26	11.68	14.37
27.	02-01-2025	67.82	18.11	12.58	15.13
28.	06-01-2025	63.28	17.91	10.98	13.85
29.	09-01-2025	65.48	18.63	11.42	14.31
30.	13-01-2025	68.59	19.36	12.75	15.47
31.	16-01-2025	73.49	21.03	13.26	16.18

Continue...

Name of Location		SV2			
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
32.	20-01-2025	70.61	20.53	12.65	15.47
33.	23-01-2025	67.58	17.97	11.47	14.55
34.	27-01-2025	72.37	20.48	12.73	15.91
35.	30-01-2025	69.81	18.52	11.39	14.28
36.	03-02-2025	70.25	20.05	13.17	16.32
37.	06-02-2025	66.48	18.64	12.59	15.83
38.	10-02-2025	63.61	16.92	11.61	15.13
39.	13-02-2025	66.48	17.95	12.46	16.32
40.	17-02-2025	69.57	19.10	13.53	17.11
41.	20-02-2025	64.37	16.75	12.53	15.85
42.	24-02-2025	70.13	19.83	13.96	16.25
43.	27-02-2025	66.69	17.36	12.52	15.47
44.	03-03-2024	68.52	18.46	13.84	17.13
45.	06-03-2024	71.26	20.41	14.25	18.32
46.	10-03-2024	65.48	17.50	12.93	15.74
47.	13-03-2024	68.93	18.65	13.25	16.47

Continue...

Name of Location		SV2			
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
48.	17-03-2024	73.16	20.48	14.27	17.83
49.	20-03-2024	66.58	18.35	13.74	16.59
50.	24-03-2024	70.53	19.81	14.05	17.45
51.	27-03-2024	73.42	21.13	15.37	18.65
52.	31-03-2024	68.85	20.16	14.76	17.24
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0
Test Method		IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Noise Level Monitoring

Location Name		PUB / Adani House					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		03-10-2024	04-11-2024	02-12-2024	02-01-2025	03-02-2025	03-03-2025
1	06:00 to 07:00	63.2	62.7	62.2	63.5	63.9	61.4
2	07:00 to 08:00	60.7	61.4	62.8	64.2	63.4	64.3
3	08:00 to 09:00	59.4	58.4	64.7	65.5	64.7	63.8
4	09:00 to 10:00	61.3	61.8	62.8	64.1	65.1	65.1
5	10:00 to 11:00	65.4	64.7	66.3	64.8	64.8	64.3
6	11:00 to 12:00	64.8	65.3	63.6	65.7	67.3	66.3
7	12:00 to 13:00	67.4	67.3	65.8	66.2	65.4	67.2
8	13:00 to 14:00	64.3	65.8	66.2	65.8	64.7	65.8
9	14:00 to 15:00	62.5	62.3	67.5	64.7	63.4	64.5
10	15:00 to 16:00	64.8	62.4	64.3	67.4	65.2	65.8
11	16:00 to 17:00	65.5	64.8	63.7	65.9	66.4	67.1
12	17:00 to 18:00	64.1	63.7	65.1	66.3	65.8	62.3
13	18:00 to 19:00	61.3	61.6	62.4	64.5	66.1	64.7
14	19:00 to 20:00	64.6	63.2	64.1	62.8	64.3	65.2
15	20:00 to 21:00	63.3	62.8	62.3	60.4	62.5	62.5
16	21:00 to 22:00	60.3	60.6	59.8	60.2	58.7	58.7
Day Time		<75 dB (A)					

Continue...

Location Name		PUB / Adani House					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		03-10-2024	04-11-2024	02-12-2024	02-01-2025	03-02-2025	03-03-2025
1	22:00 to 23:00	60.3	60.7	63.2	61.8	61.2	59.8
2	23:00 to 24:00	62.3	63.4	61.8	61.4	62.7	61.3
3	24:00 to 01:00	64.3	63.7	62.4	64.3	63.5	61.5
4	01:00 to 02:00	63.2	64.1	63.7	62.8	64.8	64.2
5	02:00 to 03:00	62.8	65.4	62.5	63.5	62.3	63.7
6	03:00 to 04:00	60.4	63.2	64.7	63.2	62.6	61.3
7	04:00 to 05:00	62.3	62.9	63.1	62.7	61.8	59.7
8	05:00 to 06:00	60.6	59.7	61.3	60.4	59.5	58.8

Night Time	<70 dB (A)
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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		Adani Guest House					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		16-10-2024	23-11-2024	18-12-2024	18-01-2025	18-02-2025	14-03-2025
1	06:00 to 07:00	61.6	61.2	59.8	57.5	58.8	57.5
2	07:00 to 08:00	63.8	62.8	60.7	59.3	61.3	59.4
3	08:00 to 09:00	64.9	63.7	62.4	61.3	60.4	60.3
4	09:00 to 10:00	63.4	65.7	67.5	60.8	59.7	62.4
5	10:00 to 11:00	62.1	63.8	64.3	62.4	64.7	63.7
6	11:00 to 12:00	64.5	65.9	66.2	65.7	63.5	64.8
7	12:00 to 13:00	64.7	66.4	64.8	64.3	62.3	64.2
8	13:00 to 14:00	62.8	63.8	65.7	65.8	64.8	65.7
9	14:00 to 15:00	65.4	64.2	62.6	61.4	63.8	64.5
10	15:00 to 16:00	64.8	64.3	65.1	64.2	66.1	66.6
11	16:00 to 17:00	63.9	65.1	64.3	65.7	64.5	65.8
12	17:00 to 18:00	63.6	64.2	63.9	62.7	64.7	66.3
13	18:00 to 19:00	64.7	62.8	65.2	64.3	65.3	64.1
14	19:00 to 20:00	62.8	63.8	61.7	60.8	63.7	64.5
15	20:00 to 21:00	60.2	61.3	60.8	61.4	60.8	62.3
16	21:00 to 22:00	59.9	58.6	59.4	58.7	58.2	58.3
Day Time		<75 dB (A)					

Continue...

Location Name		Adani Guest House					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		16-10-2024	23-11-2024	18-12-2024	18-01-2025	18-02-2025	14-03-2025
1	22:00 to 23:00	58.8	57.3	57.6	57.2	57.6	58.3
2	23:00 to 24:00	59.4	59.1	58.4	57.8	58.2	59.1
3	24:00 to 01:00	64.3	60.5	63.2	59.4	60.4	59.5
4	01:00 to 02:00	62.3	62.4	60.5	61.1	59.4	62.3
5	02:00 to 03:00	63.6	61.8	62.4	63.6	61.3	60.6
6	03:00 to 04:00	61.2	60.3	61.8	60.5	62.3	59.7
7	04:00 to 05:00	60.5	61.8	62.3	61.3	60.7	61.2
8	05:00 to 06:00	58.3	58.2	59.2	58.7	57.9	58.5

Night Time	<70 dB (A)
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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		WTP- Nr. CETP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		01-10-2024	09-11-2024	04-12-2024	04-01-2025	04-02-2025	01-03-2025
1	06:00 to 07:00	59.7	60.3	61.5	60.3	58.7	57.8
2	07:00 to 08:00	61.3	62.4	64.4	63.5	60.2	59.4
3	08:00 to 09:00	64.5	60.5	63.2	66.5	63.2	60.2
4	09:00 to 10:00	66.7	67.4	64.8	65.8	66.4	63.4
5	10:00 to 11:00	68.6	65.3	66.3	62.4	65.8	66.5
6	11:00 to 12:00	65.2	63.9	64.7	64.9	63.4	66.8
7	12:00 to 13:00	67.1	65.8	67.6	66.7	65.1	64.2
8	13:00 to 14:00	66.1	65.7	66.3	65.3	64.3	65.7
9	14:00 to 15:00	65.7	67.5	64.3	61.4	65.7	66.3
10	15:00 to 16:00	67.3	66.3	65.1	64.5	66.3	64.5
11	16:00 to 17:00	64.5	63.2	64.4	63.2	65.9	66.8
12	17:00 to 18:00	62.8	64.9	67.3	65.7	63.1	61.3
13	18:00 to 19:00	65.8	64.3	65.4	64.8	64.5	63.4
14	19:00 to 20:00	63.6	65.4	64.7	65.1	61.2	62.5
15	20:00 to 21:00	64.2	65.1	64.9	63.8	64.3	63.9
16	21:00 to 22:00	64.1	63.4	63.1	61.2	60.8	59.7
Day Time		<75 dB (A)					

Continue...

Location Name		WTP- Nr. CETP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		01-10-2024	09-11-2024	04-12-2024	04-01-2025	04-02-2025	01-03-2025
1	22:00 to 23:00	59.7	60.1	58.9	59.1	60.3	60.1
2	23:00 to 24:00	61.3	60.5	59.7	60.3	63.2	62.4
3	24:00 to 01:00	63.6	62.3	60.3	59.4	62.7	62.3
4	01:00 to 02:00	65.1	61.8	61.3	63.2	64.8	63.7
5	02:00 to 03:00	63.9	62.5	60.4	64.5	64.1	64.1
6	03:00 to 04:00	62.3	64.3	62.5	63.2	61.9	62.6
7	04:00 to 05:00	61.8	60.8	61.3	62.6	63.4	63.4
8	05:00 to 06:00	61.1	60.7	61.3	60.8	61.2	60.1

Night Time	<70 dB (A)
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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 – 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)
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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					
		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)					

Continue...

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)
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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		AIR STRIP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		11-10-2024	19-11-2024	13-12-2024	15-01-2025	14-02-2025	11-03-2025
1	06:00 to 07:00	62.8	63.5	63.2	64.2	63.3	61.8
2	07:00 to 08:00	61.5	64.3	63.8	64.5	65.7	63.5
3	08:00 to 09:00	63.3	68.4	66.5	62.8	64.5	66.8
4	09:00 to 10:00	64.7	68.2	66.3	63.5	65.1	66.3
5	10:00 to 11:00	63.8	67.5	67.4	65.8	66.3	65.6
6	11:00 to 12:00	63.4	64.8	66.3	67.1	67.6	67.2
7	12:00 to 13:00	65.3	66.9	65.4	66.5	65.4	66.8
8	13:00 to 14:00	66.5	65.3	63.9	64.7	64.1	63.5
9	14:00 to 15:00	63.7	64.7	65.4	63.7	64.5	65.8
10	15:00 to 16:00	64.7	65.2	65.8	65.8	64.2	63.2
11	16:00 to 17:00	65.1	67.4	67.1	64.3	65.3	64.7
12	17:00 to 18:00	63.2	68.8	66.4	64.9	63.1	65.4
13	18:00 to 19:00	62.4	64.3	65.9	66.1	64.7	63.9
14	19:00 to 20:00	60.6	63.7	62.3	64.3	65.8	65.2
15	20:00 to 21:00	59.6	65.4	64.6	63.8	62.3	63.5
16	21:00 to 22:00	61.3	62.3	63.8	62.1	61.9	61.6
Day Time		<75 dB (A)					

Continue...

Location Name		AIR STRIP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		11-10-2024	19-11-2024	13-12-2024	15-01-2025	14-02-2025	11-03-2025
1	22:00 to 23:00	60.2	59.6	62.5	61.7	62.3	62.6
2	23:00 to 24:00	62.3	61.9	63.4	63.2	64.3	63.5
3	24:00 to 01:00	63.8	62.7	61.5	61.8	64.8	64.3
4	01:00 to 02:00	63.5	64.1	63.4	63.4	62.6	63.7
5	02:00 to 03:00	64.1	62.4	64.8	64.2	63.5	64.1
6	03:00 to 04:00	64.3	62.7	63.2	62.7	63.9	62.4
7	04:00 to 05:00	63.8	63.1	61.2	60.4	62.4	62.7
8	05:00 to 06:00	61.6	61.6	60.5	62.6	61.6	61.2

Night Time	<70 dB (A)
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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		SV2					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		29-10-2024	30-11-2024	24-12-2024	25-01-2025	26-02-2025	21-03-2025
1	06:00 to 07:00	59.8	58.5	59.3	58.1	57.3	58.8
2	07:00 to 08:00	61.2	60.4	58.7	59.4	59.1	60.1
3	08:00 to 09:00	61.7	63.4	60.4	58.4	60.3	60.8
4	09:00 to 10:00	62.5	65.7	64.3	61.4	59.7	61.3
5	10:00 to 11:00	64.3	64.3	62.7	64.8	63.4	60.4
6	11:00 to 12:00	66.2	63.9	65.7	62.5	64.7	63.7
7	12:00 to 13:00	64.7	65.7	66.2	64.8	63.2	61.7
8	13:00 to 14:00	65.7	66.4	64.5	65.7	62.6	63.4
9	14:00 to 15:00	64.3	63.5	65.8	64.3	65.2	65.2
10	15:00 to 16:00	62.7	64.3	63.7	65.8	64.3	65.6
11	16:00 to 17:00	63.7	62.8	62.5	64.1	63.2	64.3
12	17:00 to 18:00	64.5	61.6	64.3	64.8	63.8	64.8
13	18:00 to 19:00	64.3	63.5	62.5	63.2	64.3	62.4
14	19:00 to 20:00	61.2	63.7	62.1	61.8	64.2	61.9
15	20:00 to 21:00	62.8	61.4	60.8	59.4	61.6	62.7
16	21:00 to 22:00	60.3	59.7	57.6	60.3	58.3	59.1
Day Time		<75 dB (A)					

Continue...

Location Name		SV2					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		29-10-2024	30-11-2024	24-12-2024	25-01-2025	26-02-2025	21-03-2025
1	22:00 to 23:00	58.7	58.1	58.7	58.1	57.6	57.9
2	23:00 to 24:00	60.2	59.7	60.3	58.8	58.4	57.8
3	24:00 to 01:00	61.3	60.4	63.6	59.6	60.3	59.4
4	01:00 to 02:00	63.8	62.7	61.3	60.4	61.8	62.1
5	02:00 to 03:00	60.5	62.4	60.5	62.3	60.3	61.4
6	03:00 to 04:00	62.3	61.9	62.3	60.5	59.7	60.5
7	04:00 to 05:00	59.7	60.3	59.7	59.7	58.4	58.7
8	05:00 to 06:00	58.5	57.9	58.3	57.2	58.3	57.4

Night Time	<70 dB (A)
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Test Method	IS: 9989 : 1981
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Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Stack Monitoring					
Monitoring Period: October - 2024 to March - 2025					
Sr. No.	Parameter	Unit	Adani Hospital DG Set	GPCB LIMIT	Method of Test
			Mar-25		
			27-03-2025		
1	Particulate Matter	mg/Nm ³	20.98	150	IS 11255 (Part - 1)
2	Sulfur Dioxide as SO ₂	ppm	8.42	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO _x	ppm	28.36	50	IS 11255 (Part - 7)

Sr. No.	Parameter	Unit	WTP Nr CETP D.G.Set No. S-1 (380 KVA)	GPCB LIMIT	Method of Test
			Mar-25		
			10-03-2025		
1	Particulate Matter	mg/Nm ³	23.14	150	IS 11255 (Part - 1)
2	Sulfur Dioxide as SO ₂	ppm	7	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO _x	ppm	27.93	50	IS 11255 (Part - 7)



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(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Stack Monitoring					
Monitoring Period: October - 2024 to March - 2025					
Sr. No.	Parameter	Unit	Adani House D.G.Set No. S-1 (750 KVA)	GPCB LIMIT	Method of Test
			Mar-25		
			19-03-2025		
1	Particulate Matter	mg/Nm ³	24.69	150	IS 11255 (Part - 1)
2	Sulfur Dioxide as SO ₂	ppm	10.86	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO _x	ppm	27.6	50	IS 11255 (Part - 7)

Sr. No.	Parameter	Unit	D.G.Set No. S-2 (500 KVA –PUB)	GPCB LIMIT	Method of Test
			Mar-25		
			21.34		
1	Particulate Matter	mg/Nm ³	8.72	150	IS 11255 (Part - 1)
2	Sulfur Dioxide as SO ₂	ppm	35.19	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO _x	ppm	21.34	50	IS 11255 (Part - 7)



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

RESULTS OF CETP INLET WATER

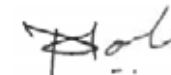
SR.NO.	TEST PARAMETERS	UNIT	CETP INLET						GPCB Permissible Limit CETP Inlet	TEST METHOD
			Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25		
			05-10-2024	08-11-2024	25-12-2024	04-01-2025	20-02-2025	21-03-2025		
1.	pH @ 27 ° C	--	7.69	8.34	7.74	7.77	7.48	7.42	6.5 to 8.5	IS 3025(Part 11):2022
2.	Temperature	°C	30	30	29.5	29	30	30.5	--	IS 3025(Part 9):2023
3.	Colour	Pt. Co. Scale	70	60	50	50	60	50	100	IS 3025(Part 4):2021
4.	Total Suspended Solids	mg/L	62	288	210	562	128	32	800	APHA 24th Ed.2023,2540 –D
5.	Oil & Grease	mg/L	BDL(MDL:2.0)	3	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	20	IS 3025(Part 39):2021
6.	Phenolic Compound	mg/L	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	2	IS 3025(Part 43):2022
7.	Fluoride	mg/L	1.72	1.2	1.8	1.48	1.62	1.44	2	APHA 24th Ed.2023,4500 F, D
8.	Iron as Fe	mg/L	0.132	0.165	0.144	0.125	0.118	0.125	3	IS 3025(Part 53):2003,
9.	Zinc as Zn	mg/L	0.084	0.102	0.094	0.086	0.124	0.135	15	IS 3025(Part 49):1994
10.	Trivalent Chromium	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	3	By Calculation
11.	Sulphide	mg/L	0.54	1.3	1.2	0.52	0.61	0.52	2	APHA 24th Ed.2023,4500 S ⁻² F

Continue...

SR.NO.	TEST PARAMETERS	UNIT	CETP INLET						GPCB Permissible Limit CETP Inlet	TEST METHOD
			Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25		
			05-10-2024	08-11-2024	25-12-2024	04-01-2025	20-02-2025	21-03-2025		
12.	Ammonical Nitrogen	mg/L	38	40.2	32.8	24.2	28.4	20.8	50	IS 3025(Part 34):1988,
13.	BOD (3 days at 27 °C)	mg/L	58	114	72	136	104	75	1000	IS 3025(Part 44):2023
14.	COD	mg/L	194	382.3	240.4	452.5	344.6	250.4	2000	IS 3025(Part 58):2023
15.	Chloride (as Cl) -	mg/L	874.1	880.6	940.4	984.2	956.2	976.8	1000	IS 3025(Part 32):1988
16.	Sulphate (as SO ₄)	mg/L	120.6	79.2	66.2	158.3	142	130	1000	IS 3025(Part 24):2022
17.	Total Dissolved Solids	mg/L	1910	2056	2010	2040	1990	1984	2100	APHA 24th Ed.2023,2540- C
18.	Total Residual Chlorine	mg/L	0.65	0.82	0.67	0.52	0.42	0.67	2	IS 3025(Part 26):2021
19.	Copper as Cu	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	3	IS 3025(Part 42):1992



Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

RESULTS OF CETP OUTLET WATER

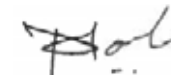
SR.NO.	TEST PARAMETERS	UNIT	CETP OUTLET						GPCB Permissible Limit CETP Outlet	TEST METHOD
			Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25		
			05-10-2024	08-11-2024	25-12-2024	04-01-2025	20-02-2025	21-03-2025		
1.	pH @ 27 ° C	--	7.58	7.68	7.55	7.84	7.62	7.42	6.0 – 9.0	IS 3025(Part 11):2022
2.	Temperature	°C	30	30	29	29	30	30.5	Shall not exceed more than 5 °C above received water temperature	IS 3025(Part 9):2023
3.	Colour	Pt. Co. Scale	40	60	50	50	50	50	100	IS 3025(Part 4):2021
4.	Total Suspended Solids	mg/L	12	18	24	16	22	26	100	APHA 24th Ed.2023,2540 –D
5.	Oil & Grease	mg/L	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	10	IS 3025(Part 39):2021
6.	Phenolic Compound	mg/L	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	1	IS 3025(Part 43):2022
7.	Fluoride	mg/L	1.38	0.8	1.5	1.29	1.03	1.11	2	APHA 24th Ed.2023,4500 F, D
8.	Iron as Fe	mg/L	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	3	IS 3025(Part 53):2003,
9.	Zinc as Zn	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	15	IS 3025(Part 49):1994
10.	Trivalent Chromium	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	2	By Calculation

Continue...

SR.N O.	TEST PARAMETERS	UNIT	CETP OUTLET						GPCB Permissible Limit CETP Inlet	TEST METHOD
			Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25		
			05-10-2024	08-11-2024	25-12-2024	04-01-2025	20-02-2025	21-03-2025		
11.	Sulphide	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	2	APHA 24th Ed.2023,4500 S ⁻² F
12.	Ammonical Nitrogen	mg/L	19.6	3.4	9.8	14.5	12.2	8.9	50	IS 3025(Part 34):1988,
13.	BOD (3 days at 27 °C)	mg/L	32	17	20	13	15	17	100	IS 3025(Part 44):2023
14.	COD	mg/L	106.6	56.2	66.8	44.4	64.1	58.2	250	IS 3025(Part 58):2023
15.	Chloride (as Cl) ⁻	mg/L	859.8	910	980.4	970.8	880.4	912.4	1000	IS 3025(Part 32):1988
16.	Sulphate (as SO ₄)	mg/L	118.2	149.3	132	182.6	154.2	130.6	1000	IS 3025(Part 24):2022
17.	Total Dissolved Solids	mg/L	1876	2060	2094	2050	2010	2018	2100	APHA 24th Ed.2023,2540- C
18.	Total Residual Chlorine	mg/L	0.81	0.88	0.72	0.56	0.45	0.56	1	IS 3025(Part 26):2021
19.	Copper as Cu	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	3	IS 3025(Part 42):1992
20.	Bio Assay test (%)	%	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	IS:6582-1971



Mr. Nilesh Patel
Sr. Chemist

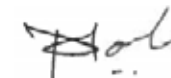
Mr. Nitin Tandel
Technical Manager

RESULTS OF BOREHOLE WATER SAMPLE

Sr. No	Parameters	Method	Unit	05-03-2025	05-03-2025	05-03-2025	05-03-2025
				Nr. PUB Building.	Nr. CETP	Nr.flyover bridge	Dhrub
1	pH @ 25 ° C	IS 3025(Part 11)1983	--	7.22	8.41	7.44	8.08
2	Salinity	APHA 24th Ed.,2023,2520 B	ppt	17.64	2	6.88	1.59
3	Oil & Grease	IS 3025(Part39)1991, Amd. 2	mg/L	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)
4	Hydrocarbon	GC/GCMS	mg/L	Not Detected	Not Detected	Not Detected	Not Detected
5	Lead as Pb	IS 3025 (PART 47) 1994	mg/L	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)
6	Arsenic as As	APHA 24th Ed.,2023,3114-C	mg/L	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)
7	Nickel as Ni	IS 3025 (PART 54) 2003	mg/L	BDL(MDL:0.02)	0.102	0.148	BDL(MDL:0.02)
8	Total Chromium as Cr	IS 3025 (PART 52) 2003	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)
9	Cadmium as Cd	IS 3025(PART 41) 1992	mg/L	0.88	0.036	0.102	BDL(MDL:0.003)
10	Mercury as Hg	APHA 24th Ed.,2023, 3112-B	mg/L	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)
11	Zinc as Zn	IS 3025(PART 49) 1994	mg/L	0.059	BDL(MDL:0.05)	0.112	BDL(MDL:0.05)
12	Copper as Cu	IS 3025 (PART 42) 1992	mg/L	BDL(MDL:0.05)	0.087	0.108	BDL(MDL:0.05)
13	Iron as Fe	IS 3025(PART 53) 2003	mg/L	0.152	0.188	0.145	0.133
14	Insecticides/Pesticides	USEPA 8081 B	µg/L	Absent	Absent	Absent	Absent
15	Depth of Water Level from Ground Level	--	meter	2.15	2.1	2.1	2.1



Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

RESULTS OF SOIL SAMPLE

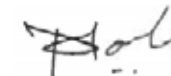
SR.NO.	TEST PARAMETERS	UNIT	05-03-2025	05-03-2025	05-03-2025	05-03-2025
			Near PUB	Dhrub	Near Flyover Bridge	Near CETP
1	pH	--	8.37	8.46	8.53	8.86
2	Nitrogen as N	%	0.21	0.39	0.42	0.55
3	Phosphorus as P	mg/kg	1230.5	724.1	884.6	4984.4
4	Potassium as K	mg/kg	41.2	1106	228.4	174.3
5	Baron as B	mg/kg	1.78	1.89	2.14	2.98
6	Calcium as Ca	mg/kg	342.2	3242.6	998.5	440.6
7	Magnesium as Mg	mg/kg	164.2	5510.2	514.3	110.5
8	Iron as Fe	%	0.81	1.46	0.92	1.18
9	Moisture	%	0.34	1.11	0.28	1.46
10	Organic Matter	%	0.78	1.42	1.22	1.23
11	Cation exchange capacity (CEC)	meq/100gm	10.4	14.2	1.3	10.2
12	TVC	CFU/gm	2.4x10 ⁶	2.6 x 10 ⁶	2.6 x 10 ⁶	2.2 x 10 ⁶
13	Cadmium as Cd	mg/kg	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)
14	Thorium as Th	mg/kg	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)
15	Antimony as Sb	mg/kg	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)
16	Arsenic as As	mg/kg	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)

Continue...

17	Lead as Pb	mg/kg	8.51	9.12	15.46	7.25
18	Chromium as Cr	mg/kg	2.86	8.95	3.22	3.92
19	Cobalt as Co	mg/kg	10.12	10.84	7.58	8.66
20	Copper as Cu	mg/kg	7.36	11.23	28.65	15.2
21	Nickel as Ni	mg/kg	10.3	14.92	11.25	13.4
22	Manganese and Mn	mg/kg	386.8	231.2	212.5	174.2
23	Vanadium as V	mg/kg	6.12	7.82	7.62	7.11



Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

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 (PM10)	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	1-30 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
14	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

CETP water			
Sr. No.	Test Parameter	Unit	MDL
1	pH @ 27 ° C	--	2
2	Temperature	0C	5
3	Colour	Pt. Co. Scale	5
4	Total Suspended Solids	mg/L	4
5	Oil & Grease	mg/L	4
6	Phenolic Compound	mg/L	0.1
7	Fluoride	mg/L	0.2
8	Iron as Fe	mg/L	0.1
9	Zinc as Zn	mg/L	0.05
10	Trivalent Chromium	mg/L	0.05
11	Sulphide	mg/L	0.05
12	Ammonical Nitrogen	mg/L	5
13	BOD (3 days at 27 0C)	mg/L	1
14	COD	mg/L	2
15	Chloride (as Cl) ⁻	mg/L	1
16	Sulphate (as SO ₄)	mg/L	1
17	Total Dissolved Solids	mg/L	4
18	Total Residual Chlorine	mg/L	0.1
19	Copper as Cu	mg/L	0.05
20	Bio Assay test (%)	%	--

STP OUTLET			
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	

Environment Statement for 2024-25 for M/s Adani Ports and SEZ Limited
(Multi Product SEZ)

(PCB ID: 31463)

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	NIL
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

Environment Statement for 2024-25 for M/s Adani Ports and SEZ Limited
(Multi Product SEZ)

(PCB ID: 31463)

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