adani
Ports and Logistics

APSEZL/EnvCell/2026-27/003 **Date:** 22.05.2026

To,

The Inspector General of Forest / Scientist C,
Integrated Regional Office (IRO),
Ministry of Environment, Forest and Climate Change,
Karmayogi Bhawan,
Block-3, F-2 Wing, 5th Floor,
Near CH-3 Circle, Sector – 10A
Gandhinagar – 382010.
E-mail: eccompliance-guj@gov.in, iro.gandhingr-mefcc@gov.in

Sub : Half yearly Compliance report of Environment and CRZ Clearance for "Handling facility of General Cargo / LPG /Chemicals and their storage terminal at Navinal Island, Mundra taluka of Kutch district, Gujarat"

Ref : Environment and CRZ clearance granted to Adani Ports & SEZ Limited vide letter dated 25th August 1995 bearing no. J-16011/13/95-IA.III

Dear Sir,

Please refer to the above cited reference for the said subject matter. In connection to the same, it is to state that copy of the compliance report for the Environmental and CRZ Clearance for the period of October 2025 to March 2026 is being duly uploaded on the Parivesh Portal.

Additionally, a soft copy of the same is being submitted through soft copy (e-mail communication).

Kindly consider the above submission and acknowledge.

Thank you,
Yours Faithfully,
For, **Adani Ports and Special Economic Zone Limited**

Bhagwat Swaroop Sharma
Head – Environment
Mundra & Tuna Port

Encl: As above

Copy to:

1) The Director (IA Division), Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003.
2) The Zonal Officer, Regional Office, CPCB – Western Region, Parivesh Bhawan, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara – 390023.
3) The Member Secretary, GPCB – Head Office, Paryavaran Bhavan, Sector 10 A, Gandhi Nagar – 382010.
4) The Director, Forests & Environment Department, Block – 14, 8th floor, Sachivalaya, Gandhi Nagar – 382010.
5) The Regional Officer, Regional Office GPCB (Kutch-East), Gandhidham – 370201.

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Mundra, Kutch 370 421
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Ports and Logistics

Environmental Clearance Compliance Report

Multi-Purpose Jetty and Storage Facilities at Navinal Island, Mundra, Dist. Kutch, Gujarat

of

Adani Ports and Special Economic Zone Limited

For the Period of:

October-2025 to March-2026

Index

adani Ports and Logistics	**Adani Ports and Special Economic Zone Limited, Mundra.**	**From: Oct'25** **To : Mar'26**
Status of the Conditions Stipulated in Environment and CRZ Clearance		

The chronology of company name change from **Adani Port Limited** to **Adani Ports and Special Economic Zone Ltd.** was submitted along with HYCR for the period Oct'20 to Mar'21.

Half yearly Compliance Report (HYCR) of Environment and CRZ Clearance (EC) for "Handling facility of General Cargo / LPG /Chemicals and their Storage Terminal at Navinal Island, Mundra Taluka of Kutch District, Gujarat" issued vide letter no. J-16011/13/95-IA.III dated 25-08-1995.

Sr. No.	Conditions	Compliance Status as on 31-03-2026
2(i)	All construction designs / drawings relating to various project activities should have the approval of the concerned State Government departments / Agencies.	Complied All construction activities have been carried out in line with the CRZ recommendation and permissions granted.
2(ii)	To prevent discharge of bilge wastes, sewage and other liquid wastes from the oil tankers / ships into marine environment, adequate system for collection, treatment and disposal of liquid wastes including shoreline installation and special hose connections for ships to allow for discharge of sewage must be provided.	Complied Ships berthing at Mundra Port comply with MARPOL regulations. No discharge such as bilge wastes, sewage or any other liquid wastewater is allowed into marine environment inside port limits. APSEZL has adequate Waste Reception facility as per MARPOL and DG Shipping regulations. The port has reception facility for all MARPOL waste streams (Annex-I, Annex-II, Annex-IV & Annex-V) that is generated from vessels. APSEZL has not received any sewage/liquid waste from ships / vessels till date. As a general practice APSEZ provides facility for receiving slop / waste oil from vessels through hose connection with oil tankers. These tankers divert slop / waste oil to an Oil water separator system where water and oil particles are separated. Separated oil is being sold to authorized recycler /re-processor. However, no slope / waste oil was received during the compliance period.
2(iii)	The quality of treated effluents, solid wastes, emissions and noise levels etc. must confirm to the standards laid down by the	Complied. ETP is provided to treat wastewater/wash water. Also, the sewage generated from port is being treated in designated ETP. Treated water is used

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance Status as on 31-03-2026</th></tr>
<tr><td></td><td>competent authorities including the central and State Pollution Control Boards under the Environment (Protection) act, 1986 whichever are more stringent.</td><td>for horticultural purposes. Quality of treated water confirms to the standard laid down by Gujarat Pollution Control Board (GPCB).

<table>
<tr><th>Location</th><th>Capacity</th><th>Quantity of Treated Water (Avg. from Oct'25 to Mar'26)</th><th>Type of ETP / STP</th></tr>
<tr><td>LT</td><td>265 KLD</td><td>149.53 KLD</td><td>Activated Sludge</td></tr>
</table>

Entire treated water from ETP / STP is being utilized on land for horticulture purposes within port premises after achieving prescribed permissible limits.

Summary of ETP treated water analysis results during compliance period is mentioned below.

Frequency of Analysis: Once in a month

<table>
<tr><th>Parameter</th><th>Unit</th><th>Min</th><th>Max</th><th>Average</th><th>Perm. Limit$</th></tr>
<tr><td>pH</td><td>--</td><td>6.81</td><td>7.39</td><td>7.04</td><td>6.5 – 8.5</td></tr>
<tr><td>SS</td><td>mg/L</td><td>46</td><td>88</td><td>63.67</td><td>100</td></tr>
<tr><td>TDS</td><td>mg/L</td><td>596</td><td>1130</td><td>872</td><td>2100</td></tr>
<tr><td>COD</td><td>mg/L</td><td>72.4</td><td>88.5</td><td>82.12</td><td>100</td></tr>
<tr><td>BOD</td><td>mg/L</td><td>21</td><td>27</td><td>24.5</td><td>30</td></tr>
<tr><td>Ammonical Nitrogen as NH_3-N</td><td>mg/L</td><td>18.4</td><td>34.5</td><td>27.13</td><td>50</td></tr>
</table>
$ as per CC&A granted by GPCB

The quality of marine water, treated effluents, air emissions and noise levels are being regularly analyzed by NABL accredited and MoEF&CC recognized agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. Please refer Annexure – 1.

Monitoring and analysis of ETP treated waste is also carried out regularly through in-house</td></tr>
</table>

Sr. No.	Conditions	Compliance Status as on 31-03-2026
		laboratory for the parameters such as pH, TDS, TSS, COD, Chlorides, and residual chlorine. Please refer **Annexure – 1** for detailed analysis reports for the period Oct'25 to Mar'26. Approx. INR 21.38 Lakh is spent for all environmental monitoring activities during FY 2025-26 for overall APSEZ, Mundra. It is also noted that GPCB is doing regular site inspection along with wastewater sampling and analysis. The last visit was carried out by GPCB dated 30/01/2025 and treated water samples were collected for analysis. Analysis report the same was submitted along with HYCR for the period Oct'24 to Mar'25, which shows all the parameters are well within the permissible limits. **Waste Management** – APSEZ has adopted 5R concept for environmentally sound management of different types of solid & liquid wastes. Please refer below details about management of each type of waste. **Non-Hazardous Solid Waste**: A well-established system for segregation of dry & wet waste is in place. All wet waste (Organic waste) is being segregated & utilized for compost manufacturing and/or biogas generation for cooking purpose. The compost is further used by in-house horticulture team for greenbelt development. Whereas dry recyclable waste is being sorted into various categories. Presently manual sorting is being done for sorting different types of solid waste. Segregated recyclable materials such as Paper, Plastic, Cardboard, PET Bottles, and Glasses, etc. are then sent to respective recycling units, whereas remaining non-recyclable waste is bailed and sent to cement plant (M/s. Ambuja Cement Ltd., Kodinar) for Co-processing as RDF (Refused Derived Fuel). APSEZ, Mundra is certified for Zero Waste to Landfill management system (Certificate No.: CII/ZWL/2025/001 valid up to 22/12/2027) by

Sr. No.	Conditions	Compliance Status as on 31-03-2026
		Confederation of Indian Industry (CII). The copy of certified for Zero Waste to Landfill management system was submitted along with HYCR for the period Oct'24 to Mar'25. **Hazardous & Other Waste:** • Bio medical waste generated from OHCs and Adani Hospital is being disposed at Common Bio Medical Waste Treatment Facility namely M/s. Distromed Kutch Services Pvt. Ltd., Bhuj. • E – Waste is being sold to GPCB registered recyclers namely M/s. Galaxy Recycling, Rajkot. • Used Batteries are being sold to GPCB registered recyclers namely Sabnam Enterprise, Kutch and S K Metal Industries, Rajkot. • Solid Hazardous Waste is being disposed through co-processing / incineration through common facility i.e. M/s. Saurashtra Enviro Projects Pvt. Ltd., Bhachau, M/s. Safe Enviro Private Limited, Bharuch and/or cement industries of Ambuja Cement Ltd., Kodinar. • Used/Waste Oil is being sold to GPCB authorized recyclers / re-processors namely M/s. Western India Petro Chem Ind - Bhavnagar, Aviation Corporation - Kutch & Aroma Petrochem – Bhavnagar, K Kasha Enterprises - Ahmedabad, Shana Oil Process - Ahmedabad. It is also being reused within organization for lubrication purpose. • Discarded drums / barrels are being sold to authorized decontamination facility i.e. M/s. Jawrawala Petroleum, Ahmedabad. It is also being reused within organization for filling hazardous waste. • Solid hazardous waste i.e. Tank bottom sludge is being sold to authorized recycler namely M/s. Mundra Oil Pvt. Ltd., Mundra for recycling. • Expired paint materials are being disposed by incineration through common facility i.e. M/s. Saurashtra Enviro Projects Pvt. Ltd., Bhachau. • Downgrade chemicals generated from cleaning of storage tanks / pipelines are being sold to

Sr. No.	Conditions	Compliance Status as on 31-03-2026
		authorized solvent recovery facilities namely M/s. Acquire Chemicals, Ankleshwar. • Slop Oil received from vessels is treated to separate water and oil particles in Oil Water Separator system. Separated oil from the same is being sold to authorized recycler / reprocessor namely M/s. Western India Petro Chem Ind - Bhavnagar, Aviation Corporation - Kutch & Aroma Petrochem - Bhavnagar and water is sent to ETP for further treatment. However, during the compliance period, there was no disposal of Slop Oil. • During the compliance period i.e. Oct'25 to Mar'26 there was no generation and disposal of used battery waste, Sludge & Filters contaminated with oil, Tank Bottom sludge, Asbestoses Waste, Glass wool Waste (Thermal Insulation Material), Downgrade Chemicals, Waste Oil and Expired Paint Material. • Horticulture waste is collected from various greenbelt areas, and it is using for making of manure and the manure is being utilized for horticulture purposes within the plant premises. Details of permissions / agreements of hazardous waste authorized vendors were submitted along with pervious HYCRS and there is no further change. The LPG Terminal has renewed agreement with Ambuja cement for oily cotton waste disposal and agreement is valid upto 18/04/2029. The copy of agreement was submitted during the EC Compliance report submission for the period Apr'24 to Sep'24. The following table summarizes the waste management practice (from Oct'25 to Mar'26) for different types of wastes at APSEZ:

Type of Waste	Waste Description	Quantity (MT)	Disposal to/for
Hazardous Waste	ETP Sludge	NIL	Co-processing at cement industries
	Discarded Containers / Barrels	1.17	Sell to registered recycler

Sr. No.	Conditions	Compliance Status as on 31-03-2026			
			Oily Cotton Waste	43.51	Co-processing at cement industries
			Pig Waste	6.85	Co-processing at cement industries
			Used / Spent / Waste Oil	80.73	Sell to registered recycler
		Hazardous Waste Total		**132.26**	
		Non-Hazardous Waste	**Glass Waste**	12.39	After recovery sent for recycling / Reuse within premises
			Horticulture Waste	766.87	Used for making of manure and utilize for horticulture purpose
			Metal Scrap	275.4	After recovery sent for recycling / Reuse within premises
			Organic / Food Waste	599.37	Converted to Manure for Horticulture use / Biogas for cooking purpose
			Paper Waste	19.07	After recovery sent for recycling / Reuse within premises
			Plastic Waste	67.03	After recovery sent for recycling / Reuse within premises
			RDF (Non-Recyclable Waste)	97.07	Co-processing at cement industries
			Rubber Waste	15.2	After recovery sent for recycling / Reuse within premises
			Wooden waste	73.78	After recovery sent for recycling / Reuse within premises
		Non-Hazardous Waste Total		**1926.19**	
		Other Waste	**Bio Medical Waste**	4.98	To approved CBWTF Site and registered recyclers
		Other Waste Total		**4.98**	
		Grand Total		**2063.43**	

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance Status as on 31-03-2026</th></tr>
<tr><td></td><td></td><td>Ambient Air Quality (twice in a week) and Noise (once in a month) monitoring are being carried out by NABL accredited and MoEF&CC approved agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. Quality of Ambient Air and Noise level confirm to the standard laid down by SPCB / CPCB. Summary of the same for duration from Oct'25 to Mar'26 is mentioned below.

Total Ambient Air & Noise Sampling Locations: 5 Nos.
<table>
<tr><th>Parameter</th><th>Unit</th><th>Min</th><th>Max</th><th>Average</th><th>Perm. Limit$</th></tr>
<tr><td colspan="6">AAQM</td></tr>
<tr><td>PM_{10}</td><td>$\mu g/m^3$</td><td>44.31</td><td>85</td><td>69.05</td><td>100</td></tr>
<tr><td>$PM_{2.5}$</td><td>$\mu g/m^3$</td><td>13.27</td><td>39.87</td><td>27.17</td><td>60</td></tr>
<tr><td>SO_2</td><td>$\mu g/m^3$</td><td>11.86</td><td>37.11</td><td>25.17</td><td>80</td></tr>
<tr><td>NO_2</td><td>$\mu g/m^3$</td><td>8.14</td><td>42.52</td><td>29.75</td><td>80</td></tr>
<tr><td colspan="6">Noise</td></tr>
<tr><th>Noise</th><th>Unit</th><th>Leq Min</th><th>Leq Max</th><th>Leq Ave.</th><th>Leq Perm. Limit*</th></tr>
<tr><td>Day Time</td><td>dB(A)</td><td>54.60</td><td>69.50</td><td>64.20</td><td>75</td></tr>
<tr><td>Night Time</td><td>dB(A)</td><td>54.30</td><td>64.50</td><td>59.80</td><td>70</td></tr>
</table>
$ as per NAAQ standards, 2009
* as per CC&A granted by SPCB
Values recorded confirms to the stipulated standards.

Please refer Annexure – 1 for detailed analysis reports for the period Oct'25 to Mar'26. Approx. INR 21.38 Lakh is spent for all environmental monitoring activities during FY 2025-26 for overall APSEZ, Mundra.</td></tr>
<tr><td>2(iv)</td><td>Adequate provision for infrastructure facilities such as water supply, roads, sanitation etc. should be ensured so as to avoid environmental degradation in the surrounding areas. These facilities should be brought into existence during the construction</td><td>Complied.

Construction activity is already completed. Adequate infrastructure facility was provided to labors during construction phase and those are in existence.

Facility for drinking water, toilet and rest shelter are provided for operation laborers. Photographs of the same were submitted along with the HYCR</td></tr>
</table>

Sr. No.	Conditions	Compliance Status as on 31-03-2026
	phase and will remain in existence thereafter as part of the infrastructure build up in the area for local developmental purposes.	for the period Oct'16 to Mar'17.
2(v)	Adequate noise control measures should be ensured in various project activities and due to increase in the traffic which is likely to take place during construction and operational phases.	Complied. Construction phase is completed. For operation phase, following noise control measures are being taken: • All Emergency DG sets were installed with acoustic enclosure confirming EPA norms. • Proper maintenance of equipment / plant machinery is being done on regular basis. • Greenbelt has been developed along roadsides and operational areas. • Traffic control measures such as signages, speed regulation, traffic guides etc. are in place to reduce the unnecessary honking by cargo vehicles.
2(vi)	The water quality parameters such as dissolved oxygen, ammonical nitrogen and other nutrients etc. should be measured at regular intervals to ensure adherence to the prescribed standards of water qualities. Suitable ground water monitoring should also be undertaken around the sludge lagoons and regular reports to be submitted to the Ministry for evaluation.	Complied. APSEZL is carrying out water quality monitoring for ETP Treated water, Groundwater and Marine water at regular intervals. **ETP Treated Water Monitoring:** ETP having 265 KLD capacity is provided for treatment of wastewater. Treated water is used for horticulture purposes within premises after confirming permissible limit. The watery sludge is transferred to sludge drying bed, where the excess wastewater is recirculated to ETP. Monitoring and analysis of ETP treated waste is also carried out regularly through in-house laboratory for the parameters such as pH, TDS, TSS, COD, Chlorides, and residual chlorine.

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance Status as on 31-03-2026</th></tr>
<tr><td></td><td></td><td>
Third party analysis of the treated water is being carried out once in a month by NABL accredited and MoEF&CC approved agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. Summary of the same for duration of Oct'25 to Mar'26 is mentioned in compliance condition no. 2(iii) above.

<u>Marine Monitoring:</u>
Marine monitoring (Surface, Bottom and Sediment) is being carried out once in a month by NABL accredited and MoEF&CC approved agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. Summary of the same for duration from Oct'25 to Mar'26 is mentioned below. Monitoring Reports are attached as Annexure – 1 for the same.

Total Sampling Locations: 09 Nos.
<table>
<tr><th rowspan="2">Parameter</th><th rowspan="2">Unit</th><th colspan="3">Surface</th><th colspan="3">Bottom</th></tr>
<tr><th>Min</th><th>Max</th><th>Avg.</th><th>Min</th><th>Max</th><th>Avg.</th></tr>
<tr><td>pH</td><td>--</td><td>7.98</td><td>8.25</td><td>8.15</td><td>7.84</td><td>8.98</td><td>8.02</td></tr>
<tr><td>BOD (3 Days @ 27 °C)</td><td>mg/L</td><td>2.2</td><td>3.5</td><td>2.93</td><td>BDL (MDL 1.0)</td><td>BDL (MDL 1.0)</td><td>BDL (MDL 1.0)</td></tr>
<tr><td>TSS</td><td>mg/L</td><td>108</td><td>166</td><td>138.33</td><td>78</td><td>144</td><td>115.00</td></tr>
<tr><td>DO</td><td>mg/L</td><td>6.25</td><td>6.94</td><td>6.58</td><td>6.15</td><td>6.73</td><td>6.44</td></tr>
<tr><td>Salinity</td><td>ppt</td><td>35.44</td><td>36.75</td><td>35.85</td><td>36.17</td><td>37.26</td><td>36.67</td></tr>
<tr><td>TDS</td><td>mg/L</td><td>35116</td><td>36550</td><td>35658</td><td>35960</td><td>37160</td><td>36527</td></tr>
</table>
*BDL – Below Detection Limit
*MDL – Minimum Detection Limit

<u>Ground Water Monitoring:</u>
There are no sludge lagoons however, to monitor the ground water quality, bore wells are provided at various location in the port and SEZ areas. Third party analysis of the ground water is being carried out twice a year by NABL accredited and MoEF&CC approved agency namely M/s. Unistar Environment and Research Labs Private Limited., Vapi. Summary of the same for duration of Oct'25 to Mar'26 is mentioned below.
</td></tr>
</table>

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance Status as on 31-03-2026</th></tr>
<tr><td></td><td></td><td>

Sampling Locations: 5 Nos.

Parameters	Unit	Min	Max	Average
pH @ 25 ° C	--	7.4	8.22	7.77
Salinity	ppt	0.90	14.92	4.34
Oil & Grease	mg/L	*BDL (MDL:5.0)	*BDL (MDL:5.0)	*BDL (MDL:5.0)
Hydrocarbon	mg/L	ND*	ND*	ND*
Lead as Pb	mg/L	*BDL (MDL:0.01)	*BDL (MDL:0.01)	*BDL (MDL:0.01)
Arsenic as As	mg/L	*BDL (MDL:0.01)	*BDL (MDL:0.01)	*BDL (MDL:0.01)
Nickel as Ni	mg/L	*BDL (MDL:0.01)	0.292	0.103
Total Chromium as Cr	mg/L	*BDL (MDL:0.05)	*BDL (MDL:0.05)	*BDL (MDL:0.05)
Cadmium as Cd	mg/L	BDL(MDL: 0.003)	BDL(MDL: 0.003)	BDL(MDL: 0.003)
Mercury as Hg	mg/L	*BDL (MDL:0.001)	*BDL (MDL:0.001)	*BDL (MDL:0.001)
Zinc as Zn	mg/L	*BDL (MDL:0.05)	0.075	0.015
Copper as Cu	mg/L	0.059	0.061	0.012
Iron as Fe	mg/L	ND*	0.854	0.253
Insecticides/Pesticides	µg/L	ND*	ND*	ND*
Depth of Water Level from Ground Level	meter	1.95	2.00	1.96

ND*= Not Detectable

*BDL – Below Detection Limit

Please refer **Annexure – 1** for detailed analysis reports for the period Oct'25 to Mar'26. Approx. INR 21.38 Lakh is spent for all environmental monitoring activities during FY 2025-26 for overall APSEZ, Mundra.

</td></tr>
<tr><td>2(vii)</td><td>Adequate culverts should be provided for smaller creeks so that breeding grounds for crabs, mud snappers and other marine organisms are not cut off by road construction</td><td>Complied.

Adequate culverts are provided on prominent creek system named as (1) Kotdi (2) Baradimata (3) Navinal (4) Bocha (5) Mundra (Oldest port (Juna Bandar) leading to Bhukhi river).</td></tr>
</table>

Sr. No.	Conditions	Compliance Status as on 31-03-2026
	activities.	All above creeks are in existence allowing free flow of water and there is no filling or reclamation of any creek area. APSEZ has so far constructed 19 culverts having total length of approx. 1100 m with total cost of INR 20 Crores. Apart from that three RCC Bridges have been constructed over Kotdi creek with total length of 230 m at the cost of INR 10 Crores. Photographs of the same were submitted as part of HYCR for the period of Apr'17 to Sep'17. As per the bathymetry study carried out by NCSCM in 2017-18, it can be concluded that there are sufficient depths at the creek mouths and all creek mouths are open allowing flushing of water.
2(viii)	A hundred meter wide mangrove belt should be created all along the west of Navinal Creek till its junction up to new road. Green belt of 50 M width should also be provided all along the periphery of the plant site and along the roads, storage tanks etc. at 1500 trees per hectare. All details regarding the Mangrove belt and other afforestation work must be worked out in consultation with the State Forest Department, and details sent to the Ministry.	Complied. 24 ha of Mangrove afforestation was carried out with a cost of INR 25.0 Lakhs at west of Navinal creek. All Mangrove plantations were done in consultation with Dr. Maity, Mangrove consultant of India. Greenbelt was developed in an area of 72.67 ha. Total 1,49,959 trees were planted with the density of 2063 trees per ha within the port area. So, far APSEZ has developed 458 ha. area as greenbelt with plantation of more than 9.06 Lacs saplings within the APSEZ area. To enhance the marine biodiversity, till Mar'26, APSEZ carried out mangrove afforestation in 4140 ha. area across the coast of Gujarat. Total expenditure for the same till Mar'26 is INR 1592.8 Lakhs. Details on Mangroves afforestation & Greenbelt development carried out by APSEZ till date is

Sr. No.	Conditions	Compliance Status as on 31-03-2026
		annexed as **Annexure – 2**. Other than this Adani Foundation – CSR Arm of Adani Group at Mundra-Kutch has initiated multi-species plantation of mangroves in Luni village in association with GUIDE, Gujarat. During 2018-2019 (Phase-I) multi-species mangrove plantation was carried out in 10 ha, during Phase-II (2019-2020) it was 02 ha and during Phase III (2020-2021) it is 01 ha. During FY 2021-22, 03 ha area coastal stretches have been planted with species. During FY 2022-23, 04 ha plantation has been planted with various species. Total 20 Ha. Multi-species mangrove plantation has been carried out till March-23 in association with M/s. GUIDE, Gujarat. Adani Foundation has done gap filling with 10000 nos. of mangrove saplings at Luni village during the compliance period Apr'25 to Sep'25. These plantations are diligently maintained and continually monitored. Notably, these forests have evolved into a thriving habitat for various marine and migratory bird species, enriching the local ecosystem. Please refer attached **Annexure – 3** for CSR activity report carried out by Adani Foundation.
2(ix)	Arrangements should be made for ensuring fresh water availability for various project related activities. Special water harvesting programs should be undertaken in the project impact area. Details of these activities should be reported to the Ministry.	Complied. Present source of water for various project activities is desalination plant of APSEZ and/or through Gujarat Water Infrastructure Limited (GWIL). Average water consumption for entire APSEZ area is 4.16 MLD during compliance period i.e. Oct'25 to Mar'26. Groundwater recharge cannot be done at the project site since the entire project is in the intertidal / sub tidal areas. Rainwater within

Sr. No.	Conditions	Compliance Status as on 31-03-2026
		project area is managed through storm water drainage. APSEZL have installed Rainwater recharge bore well (4 Nos.) within our township to recharge the ground water. Details of the same were submitted along with HYCR for the period Apr'19 to Sep'19. During FY 2025-26 Approx. 3.98 ML of rainwater has been recharged to increase the ground water table. APSEZL has also connected roof top rainwater duct of operational building (Tug berth building within MPT) with underground water tank for utilization of collected rainwater for gardening / horticulture purpose. Details of the same were submitted along with HYCR for the period Oct'18 to Mar'19. Additionally, Adani Foundation – CSR arm of Adani Group has carried out rainwater harvesting activities in the nearby villages for benefit of the local populace. Water conservation Projects i.e. Roof Top Rainwater Harvesting, Desilting of Check dams, Bore Well Recharge and Pond deepening were taken up in past years, review and monitoring of all water harvesting structures had been taken up. To make connections between human actions and the level of biological diversity found within a habitat and/or ecosystem, this year Adani Foundation launch project "Sanrakshan" in coordination with GUIDE and Sahjeevan. In the last 10 years considerable Water Conservation Work carried out in Mundra Taluka. Due to satisfactory rain in current year 1.11 mtr ground water table increased as per increased in coastal belt of Mundra as per Government Figures.

Sr. No.	Conditions	Compliance Status as on 31-03-2026
		Water Conservation Work Done during Compliance Period Oct'25 to Mar'26: ○ Renovation of Mamal Sagar created 22,500+ cubic meters of water storage. Benefiting 50+ farms and improving groundwater levels to strengthen local water security. ○ The Adani Foundation provided timely financial support that enabled the farmer to install a drip irrigation system on two acres—his first experience with modern irrigation. This reduced the risks of rain-fed farming, lowered costs, and ensured efficient water use even during dry periods. ○ Enhanced water resources through pond deepening, tank renovation, RRWHS setups, and river cleaning—improving water availability for households, farmers, and livestock across villages. **Water Conservation Projects completed earlier:** ➢ **Check Dam New/Renovation:** ○ Structures: 30 ○ Water Capacity Increase: 1,072,332 CUM ○ Beneficiaries: 30,870 ○ Impact: Enhances water storage and irrigation. ➢ **Rainwater Harvesting Structures (RRWHS):** ○ Structures: 355 ○ Water Capacity Increase: 3,300,000 CUM ○ Beneficiaries: 1760 ○ Impact: Maximizes rainwater capture and usage. Rs. 10950 yearly saved/house ➢ **Pond Deepening:** ○ Structures: 145 ○ Water Capacity Increase: 1,028,403 CUM ○ Beneficiaries: 18,350 ○ Impact: Improves water retention and availability.

Status of the Conditions Stipulated in Environment and CRZ Clearance

Sr. No.	Conditions	Compliance Status as on 31-03-2026
		➢ **Construction of Percolation Wells:** o Structures: 26 o Ground Water Recharge: Significant o Beneficiaries: 3,000 o Impact: Boosts groundwater levels and availability. ➢ **Bore/Well Recharge:** o Structures: 209 o Ground Water Recharge: Significant o Beneficiaries: 1,045 o Impact: Enhances groundwater recharge and sustainability. ➢ **Construction of New Wells:** o Structures: 8 o Purpose: Drinking Water o Beneficiaries: 9,600 o Impact: Provides reliable drinking water sources ➢ **WATER MANAGEMENT PROJECTS:** o Percolation Well, Mota Bhadiya: 80 farmers benefited. o Percolation Bore Cleaning, GPVC Villages: 3150 farmers benefited. o Pond Deepening & Road Cleaning, GPVC Villages: 6KM cleaned. ➢ **DRIP IRRIGATION - ENHANCING LIVELIHOODS IN KUTCH:** o The Drip Irrigation Initiative by Adani Foundation promotes efficient water use in farming by providing financial support to farmers for installing drip systems. It helps conserve water, improve crop yield, and encourage sustainable agriculture in Kutch. ➢ Developed 17 nos. of Adani Van Sites with planted 1.22 lac trees in 16 nearby villages. With the objective to preserve the rainwater to reduce the impact of salinity and recharge the ground water (the main source of water) to facilitate the Agricultural activities as well as for drinking water.

Sr. No.	Conditions	Compliance Status as on 31-03-2026
		Please refer **Annexure – 3** for full details of CSR activities carried out by Adani Foundation in the Kutch region. The budget allocated for CSR activities for the financial year 2025–26 was INR 1131.67 Lakhs and 958.78 Lakhs spent during FY 2025-26.
2(x)	While filling the storage tanks, compatibility of the chemicals should be ensured for chemical safety. Since 5000 MT capacity is proposed to be created for cryogenic conditions, necessary HAZOP study should be initiated and submitted to the Ministry within three months. Calculations carried out on the basis of EFFECT MODEL for this storage should be rechecked for various accident scenarios. Keeping in view the safety aspects, Horton spheres of 1250 MT capacity each should be preferred.	Complied. Risk assessment study was carried out by iFluids Engineering for handling and storage of LPG in three parts as mentioned below. 1. QRA for LPG Jetty Area 2. QRA for LPG Pipeline 3. QRA for LPG Tank farm A copy of the same was submitted as part of HYCR for the period Apr'17 to Sep'17. Recommendations of the risk assessment have been implemented as part of the construction activity and details of the same were submitted along with HYCR for the period Oct'18 to Mar'19. Implementation report of risk assessment recommendations during operational activity was submitted along with HYCR for the period Oct'19 to Mar'20.
2(xi)	The measures suggested by the Gujarat State Pollution Control Board in February, 1995 while according "No Objection Certificate" should be strictly followed and authorization certificate required for converting NOC into "consent to operate" should be submitted within three months.	Complied. Consolidated Consent and Authorization (CC&A) (CC&A) has been renewed from GPCB vide consent no. AWH-117045 Valid up to 20-11-2026. The copy of the CtO renewal was submitted along with HYCR for the period Oct'21 to Mar'22. Consent to Establish (CtE) and Consent to Operate (CtO) are obtained from GPCB and renewed/amended from time to time as per the

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance Status as on 31-03-2026</th></tr>
<tr><td></td><td></td><td>progress of the project activity. The present in-force CtE / CtO are mentioned below.

<table>
<tr><th>Sr. No.</th><th>Permission</th><th>Project</th><th>Ref. No. / Order No.</th><th>Valid Upto</th></tr>
<tr><td>1</td><td>CtO – Renewal</td><td>Mundra Port Terminal</td><td>AWH-117045</td><td>20.11.2026</td></tr>
<tr><td>2</td><td>CtE – Amendment</td><td>WFDP</td><td>17739 / 15618</td><td>18.05.2027</td></tr>
<tr><td>3</td><td>CC&A - Correction</td><td>Mundra Port Terminal</td><td>PC/CCA-KUTCH-39(8)/GPCB ID 17739/748148</td><td>20.11.2026</td></tr>
<tr><td>4</td><td>CC&A – Amendment</td><td>Mundra Port Terminal</td><td>Consent No. WH-141598</td><td>20.11.2026</td></tr>
</table>

The permission mentioned above (Sr. No. 4) CC&A-Amendment for Mundra Port Terminal is for increase in Cargo Handling Capacity i.e. Liquid Cargo & Container Cargo by developing new berths along with its supporting infrastructure facilities/ utilities and regularizing General / Dry Cargo handling capacity in line with existing port capacity.

A copy of CC&A Amendment permission mentioned above (Sr. No. 4) was submitted along with HYCR for the period Oct'24 to Mar'25.

The permission mentioned above (Sr. No. 2) was submitted along with earlier compliance report submission. The copy of CtO renewal order was submitted along with HYCR for the period Oct'21 to Mar'22. A copy of CC&A correction letter was submitted along with HYCR for the period Apr'23 to Sep'23.</td></tr>
<tr><td>2(xii)</td><td>For ensuring the acceptance of the project by the local people, a Resolution of the Official Panchayat of the Region should be obtained offering</td><td>Complied.

Resolution from the Panchayat has been obtained and submitted to the Ministry of Environment, Forest & Climate Change on 31st July 2012.</td></tr>
</table>

Sr. No.	Conditions	Compliance Status as on 31-03-2026
	their concurrence in writing by the project proponents and submitted to the Ministry by 31st October, 1995.	
2(xiii)	A permanent staff structure should be created with latest R&D facilities and suitable equipment for environmental and forestry activities through creation of Environmental cell. Adequate funds should be earmarked for this cell.	Complied. Adani Ports and SEZ Ltd. (APSEZL) has established a well-structured Environment Management Cell (EMC), staffed with qualified manpower for implementation of the Environment Management Plan. The site environment team direct reports directly to the site Chief Executive Officer (CEO), who in turn reports to the top management of the company. The updated EMC Organogram is attached as **Annexure – 4**. Budget for environmental management measures (including horticulture) for the FY 2025-26 is to the tune of INR 1108.1 Lakhs. Out of which, Approx. INR 1042.95 Lakhs have been spent during the FY 2025-26. Detailed breakup of the expenditures for the past 3 years is attached as **Annexure – 5**.
2(xiv)	Landsat imagery should be obtained on a continuous basis covering various seasons to study the change in the land use pattern due to the project and project related activities.	Complied. Project is in operation phase since many years and there is no change in the land use pattern.
2(xv)	With a view to providing adequate job opportunities to local people, facilities for technical training and development of skills should be made available in consultation with the state Harbour Department, and to this end it must be ensured that there is allocation of adequate funds. The local people should be involved in	Complied Adani Foundation – CSR Arm of Adani Group is doing following activities as a part of Skill Development in surrounding communities in Kutch area. • Adani Skill Development Center (ASDC), Mundra & Bhuj is providing skill development training to the locals for Soft Skill, Technical Training and Carrier Guidance & knowledge-based training. • Adani Skill Development Centre (ASDC) is playing a pivotal role in implementing

Sr. No.	Conditions	Compliance Status as on 31-03-2026
	the afforestation program proposed for the scheme to ensure public participation and success of vegetation programmes.	sustainable development in the state. ASDC is envisioned to be playing a major role in elevating the socio-economic status of the people belonging to the lowest strata of the society by empowering them with various skill development training for employability and livelihood. • Over the previous few years, ASDC has assessed various aspects of the technical, leadership and soft skills gaps that organizations, in general, face and accordingly focuses on imparting required training in those areas in partnership with various colleges and institutes. • ASDC imparted various soft skilled and technical training to make Atma Nirbhar India. • By equipping youth with relevant skills, facilitating job opportunities, and empowering women, ASDC plays a vital role in driving inclusive growth, promoting gender equality, and contributing to the region's economic progress. ❖ **<u>Following activities have been carried out as a part of Skill Development During current fiscal year:</u>** • **Skill-Based & Cognitive Development Programs:** ○ Mental Mathematics & Abacus: Specialized Abacus training provided to enhance speed, logical reasoning, and mathematical accuracy. ○ **Activity-Based Learning (ABL):** ABL uses subject-specific TLMs, from KG tools to senior science models, supporting experiential learning. ○ Digital Literacy Initiative: Consistent ICT training has enabled the use of AI-based tools in teaching, strengthening readiness for a tech-driven future. • **Professional and Personal Growth of Sahayaks and Teachers:**

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance Status as on 31-03-2026</th></tr>
<tr><td></td><td></td><td>

Training sessions fostered professional skill development, emotional resilience, and a stronger sense of purpose and connection with students.

Digital & Financial Literacy:

1,000+ rural women trained across 16 villages.
Covered banking, insurance, pensions, digital payments, and fraud prevention.

Women Training & Skill Development:

Total 477 nos. Of women trained for beauty services, mehendi, handicrafts, stitching, food processing, and enterprise management.

Employment Facilitation:

Job sourcing and placement support provided.

Divyang Skill Support (Swavlamban):

Skill kits, assistive devices, exam kits, and job support enabled self-reliance and social inclusion.

Women Skill Development & Employability
<table>
<tr><th>Skill Development Area</th><th>Numbers</th></tr>
<tr><td>Women Trained (Beauty, Mehendi, Handicrafts, Stitching, Food Processing)</td><td>477 women</td></tr>
<tr><td>Artisan Cards Issued</td><td>63 women</td></tr>
</table>
Employment Facilitation
<table>
<tr><th>Indicator</th><th>Numbers</th></tr>
<tr><td>Job Sourcing / Placement Candidates</td><td>305</td></tr>
<tr><td>Women Employed at Solar Projects (Cumulative)</td><td>522</td></tr>
<tr><td>Job Fairs / Employment Events Supported</td><td>Conducted</td></tr>
</table>
Skill Development for Divyang (Swavlamban)
<table>
<tr><th>Intervention</th><th>Numbers</th></tr>
</table>
</td></tr>
</table>

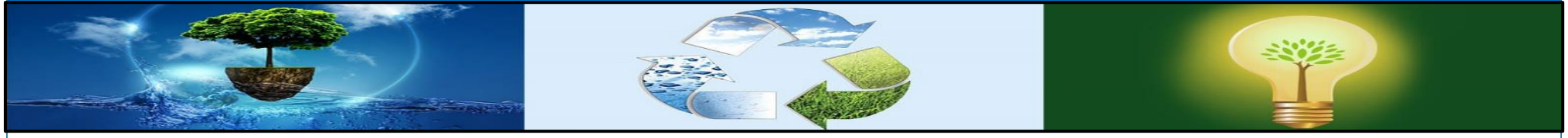
Sr. No.	Conditions	Compliance Status as on 31-03-2026
		<table><tr><td>Divyang Beneficiaries Supported (Skill & Livelihood)</td><td>1,774</td></tr><tr><td>Assistive Equipment Provided</td><td>252</td></tr><tr><td>Neo-Motion Electric Vehicles Provided</td><td>48</td></tr><tr><td>Competitive Exam Kits Provided</td><td>62</td></tr><tr><td>Talent Hunt Participants</td><td>675</td></tr><tr><td>Job Fair Beneficiaries (Divyang)</td><td>105</td></tr></table> Details on skill development training imparted during FY 2025-2026 by Adani Foundation are available in CSR report enclosed as **Annexure – 3**.
2(xvi)	Prior clearance must be taken under the Hazardous Chemicals (manufacture, import and storage) Rules 1989, as amended up to date, from the competent authority. Such clearance will have to be taken prior to the commissioning of the project.	Complied. Permissions for storage of Hazardous Chemicals were obtained from MSIHC against the application made on 01.05.1999 through letter reference no. Kutch-HAZ/CHEM-23(2)/9713 while chemical storage permission against application made on 18.09.1999 was provided through letter reference no. Kutch-HAZ/CHEM-23(2)/9711. Approval from the PESO is obtained for import of hazardous chemicals as per License No. P/HQ/GJ/15/2050 (P12369) dated 07/10/2024 which is valid up to 31/12/2029 for Class A & Class C petroleum. A copy of valid PESO license was submitted along with HYCR for the period Oct'24 to Mar'25. Please refer point no. 2 (xi) regarding GPCB permissions. License under Factories Act is taken dated 07.10.1998 and last renewed vide license no. 0017 and is valid up to 31.12.2027. The copy of renewed License under Factories Act was submitted along with HYCR for the period of Oct'23 to Mar'24.
2(xvii)	A detailed progress report should be submitted to the Ministry on each of the conditions stipulated above in respect of the follow-up	Complied. HYCRs of EC conditions is uploaded regularly. A soft copy of latest compliance report including

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance Status as on 31-03-2026</th></tr>
<tr><td></td><td>action taken every six months. The first of these two reports should be sent in by 31.3.1996.</td><td>results of monitoring data for the period of Apr'25 to Sep'25 was submitted through e-mail to Regional Office of Integrated Regional Office (IRO) @ Gandhinagar, Zonal Office of CPCB @ Baroda, GPCB @ Gandhinagar & Gandhidham and Dept. of Forests & Env., Gandhinagar on 22/11/2025. Copy of the same is also available on our website https://www.adaniports.com/Downloads as well as also uploaded on MoEF&CC Parivesh Portal on 01/12/2025 Please refer below for the details regarding past six compliance submissions.

<table>
<tr><th>Sr. No.</th><th>Compliance period</th><th>Date of submission</th></tr>
<tr><td>1</td><td>Oct'22 to Mar'23</td><td>30.05.2023</td></tr>
<tr><td>2</td><td>Apr'23 to Sep'23</td><td>29.11.2023</td></tr>
<tr><td>3</td><td>Oct'23 to Mar'24</td><td>29.05.2024</td></tr>
<tr><td>4</td><td>Apr'24 to Sep'24</td><td>01.12.2024</td></tr>
<tr><td>5</td><td>Oct'24 to Mar'25</td><td>28.05.2025</td></tr>
<tr><td>6</td><td>Apr'25 to Sep'25</td><td>01.12.2025</td></tr>
</table>
</td></tr>
<tr><td>2(xviii)</td><td>Financial requirements for implementation of the above indicated environmental mitigative measures should be worked out and included in the total cost of the project. Provision for enhancing this allocation in future should also be made.</td><td>Complied.

Separate budget for the Environment protection measures is earmarked every year. All the expenses are recorded in advanced accounting system of the organization. Details regarding environmental expenditures are given in compliance condition no. 2(xiii) above.</td></tr>
</table>

Annexure – 1



"Half Yearly Environmental Monitoring Reports "

For,

adani
Ports and Logistics

M/S. ADANI PORTS & SPECIAL ECONOMIC ZONE LTD.

PLOT NO. 169/P, AT - NAVINAL ISLAND, TAL. - MUNDRA, DIST. - KUTCH - 370421.

Monitoring Period: October – 2025 to March - 2026

Submitted By

UniStar
Environment and Research Labs Pvt. Ltd.

UniStar Environment & Research Labs Pvt. Ltd.

Plot No. 51 Vibrant Business Park Vapi, Dist. Valsad 396191 l Gujarat l India

MARINE WATER MONITORING SUMMARY REPORT

RESULTS OF MARINE WATER [M1 LEFT SIDE OF BOCHA CREEK - N 22°45'183" E 069°43'241"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
1.	pH	--	8.11	8.02	8.15	8.02	8.12	7.96	8.14	7.89	8.11	7.96	8.15	8.02	IS 3025(Part 11) :2022
2.	Temperature	°C	29.4	29.3	29.2	29.1	29	28.9	28.8	28.7	28.7	28.6	28.6	28.5	IS 3025 (Part 9):2023
3.	Total Suspended Solids	mg/L	154	128	142	130	132	112	144	126	138	122	142	126	APHA 24th Ed., 2023,2540- D
4.	BOD (3 Days @ 27°C)	mg/L	2.8	BDL(MDL :1.0)	2.6	BDL(MDL :1.0)	2.4	BDL(MDL :1.0)	2.8	BDL(MDL :1.0)	2.9	BDL(MDL :1.0)	3.2	BDL(MDL :1.0)	IS 3025 (Part 44):2023
5.	Dissolved Oxygen	mg/L	6.73	6.3	6.6	6.5	6.44	6.34	6.63	6.53	6.55	6.45	6.4	6.3	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	36.28	36.84	35.78	36.58	35.64	36.28	35.48	36.17	35.52	36.22	35.64	36.28	By Calculation
7.	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)	BDL(MDL :2.0)	BDL(MDL :2.0)	BDL(MDL :2.0)	BDL(MDL :2.0)	BDL(MDL :2.0)	BDL(MDL :2.0)	IS 3025 (Part 39) :2021
8.	Nitrate as NO_3	µmol/L	2.42	2.26	2.9	2.58	3.55	3.23	3.23	3.06	2.9	2.74	3.23	3.06	APHA 24th Ed. 2023,4500 NO3-B
9.	Nitrite as NO_2	µmol/L	0.239	0.217	0.283	0.261	0.304	0.283	0.326	0.261	0.304	0.283	0.326	0.283	APHA 24th Ed.2023,4500NO_2B
10.	Ammonical Nitrogen as NH_3	µmol/L	3.64	3.59	3.53	3.48	3.59	3.48	3.53	3.42	3.59	3.53	3.64	3.59	APHA 24th Ed. 2023,4500- NH3 B
11.	Phosphates as PO_4	µmol/L	1.26	1.16	1.05	BDL(MDL :0.4)	1.26	1.16	1.05	BDL(MDL :0.4)	1.26	1.16	1.05	BDL(MDL :0.4)	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	6.299	6.067	6.713	6.321	7.444	6.993	7.086	6.741	6.794	6.553	7.196	6.933	APHA 24th Ed. 2023,4500 NH3 - B
13.	Petroleum Hydrocarbon	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	APHA 24th ED.2023,5520 F
14.	Total Dissolved Solids	mg/L	35304	36280	35510	36120	35420	36980	35510	36924	35624	36980	35710	36964	IS 3025(Part 16):2023
15.	COD	mg/L	23.6	11.8	35.5	23.7	28.4	16.2	32	20	24	12	28	16	IS 3025(Part 58):2023

Continue…

RESULTS OF MARINE WATER [M1 LEFT SIDE OF BOCHA CREEK - N 22°45'183" E 069°43'241"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
A	Phytoplankton														
1.	Chlorophyll	mg/m³	3.05	3.2	3	3.4	4	4.01	6	3.92	7	4	8	7	APHA (24th Ed. 2023)10200A-G
2.	Phaeophytin	mg/m³	5	1.55	5.2	1.45	5.26	2.14	5.22	2.43	4.98	3.2	4.26	3.7	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10³/L	110	90	112	88	110	86	112	96	112	94	116	91	APHA (24th Ed. 2023)10200A-G
4	Name of Group Number and name of group species of each group	--	*Coscinodiscus*	*Odontella*	*Nitzschia*	*Biddulphia*	*Nitzschia*	*Biddulphia*	*Thalassiothrix*	*Dinophysis*	*Thalassiothrix*	*Dinophysis*	*Thalassiothrix*	*Dinophysis*	APHA (24th Ed. 2023)10200A-G
			Diploneis	*Rhizosolenia*	*Diploneis*	*Rhizosolenia*	*Pinnularia*	*Rhizosolenia*	*Surirella*	*Pinnularia*	*Surirella*	*Pinnularia*	*Biddulphia*	*Pinnularia*	
			Rhizosolenia	*Coscinodiscus*	*Rhizosolenia*	*Coscinodiscus*	*Rhizosolenia*	*Coscinodiscus*	*Navicula*	*Thalassiothrix*	*Navicula*	*Thalassiothrix*	*Navicula*	*Thalassiothrix*	
			Dinophysis	*Grammatophora*	*Dinophysis*	*Grammatophora*	*Dinophysis*	*Grammatophora*	*Thallassiosira*	*Grammatophora*	*Nitzschia*	*Grammatophora*	*Nitzschia*	*Grammatophora*	
			Thalassionema	*Thallassiosira*	*Biddulphia*	*Navicula*	*Biddulphia*	*Navicula*	*Skeletonema*	*Ceratium*	*Skeletonema*	*Ceratium*	*Skeletonema*	*Ceratium*	

B	Zooplankton								
1	Abudance(Population)	noX103/ 100 m3	66	64	62	67	56	51	APHA (24rd Ed. 2023)10200 G
2	Name of Group Number and name of group species of each group		*Crustacean Larvae*	*Oikoplura*	*Oikoplura*	*Egg(Fish and Shrimps)*	*Egg(Fish and Shrimps)*	*Egg(Fish and Shrimps)*	
			Egg(Fish and Shrimps)	*Pinnularia*	*Pinnularia*	*Oikoplura*	*Oikoplura*	*Oikoplura*	
			Copepods	*Copepods*	*Copepods*	*Copepods nauplii*	*Copepods nauplii*	*Copepods nauplii*	
			Crustacean	*Copepods nauplii*	*Copepods nauplii*	*Crustacean*	*Crustacean*	*Crustacean*	
			Bivalve Larvae	*Thalassionema*	*Thalassionema*	*Bivalve Larvae*	*Bivalve Larvae*	*Bivalve Larvae*	
3	Total Biomass	ml/100 m³	13.66	14.22	14.24	14.32	15.32	15.33	

Continue…

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MoEF&CC Recog. Environmental Laboratory under The EPA, 1986 (02.04.2025 to 29.03.2028) | NABL (ISO/IEC 17025: 2017) Accredited Testing Laboratory (TC-15345) (22.01.2025 to 22.09.2026) | QCI-NABET Accredited EIA & GW Consultant Organisation | GPCB Recognized Environmental Auditor (Sch-II) | ISO 9001: 2015 Certified Company | ISO 45001: 2018 Certified OHS Management System

RESULTS OF MARINE WATER [M1 LEFT SIDE OF BOCHA CREEK - N 22°45'183" E 069°43'241"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
C	Microbiological														
1	Total Bacterial Count	CFU/ml	110		112		124		122		124		122		APHA 24th Ed.2023,9215-C
2	Total Coliform	/100ml	16		14		12		16		18		17		APHA 24thEd.2023,9222-B
3	Ecoli	/100ml	84		80		76		28		24		21		IS :15185:2016
4	Enterococcus	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS:15186:2002
5	Salmonella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS:15187:2016
6	Shigella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		APHA 24thEd.2023,9260-E
7	Vibrio	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS: 5887 (Part V):1976

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RESULTS OF SEDIMENT ANALYSIS [M1 LEFT SIDE OF BOCHA CREEK - N 22°45'183" E 069°43'241"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	TEST METHOD
			SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
1.	Organic Matter	%	0.43	0.48	0.44	0.54	0.59	0.62	IS: 2720 (Part 22):1972
2.	Phosphorus as P	µg/g	564	575	589	612	624	628	IS: 10158 :1982, Method B
3.	Texture	--	Sandy	Sandy	Sandy	Sandy	Sandy	Sandy	Lab SOP No. UERL/CHM/LTM/108
4.	Petroleum Hydrocarbon	µg/g	ND	ND	ND	ND	ND	ND	APHA 24th Ed.2023,5520 F
5.0	Heavy Metals								
5.1	Aluminum as Al	%	3.35	3.39	3.12	3.26	3.33	3.62	IS3025(Part 55):2003
5.2	Total Chromium as Cr+3	µg/g	124.2	130.1	118.6	120.5	125.1	110.2	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.3	Manganese as Mn	µg/g	584.6	596.2	574.2	566	548.2	544.2	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.4	Iron as Fe	%	3.62	3.58	3.64	3.45	3.28	3.38	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.5	Nickel as Ni	µg/g	38.9	39.4	42.2	44.9	40.2	46.5	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.6	Copper as Cu	µg/g	44.5	45.2	41.8	45.2	48.4	42.8	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.7	Zinc as Zn	µg/g	102.5	110.2	120.8	134.2	121.1	106.5	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.8	Lead as Pb	µg/g	1.55	1.62	1.55	1.24	1.11	1.18	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.9	Mercury as Hg	µg/g	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	EPA 7471B (Extraction &Analytical Method) :2007

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RESULTS OF SEDIMENT ANALYSIS [M1 LEFT SIDE OF BOCHA CREEK - N 22°45'183" E 069°43'241"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	TEST METHOD
			SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
D	Benthic Organisms								
1	Macrobenthos	--	*Isopods*	*Isopods*	*Isopods*	*Foraminiferan*	*Foraminiferan*	*Foraminiferan*	APHA (24th Ed. 2023)10500
			Polychates	*Polychates*	*Polychates*	*Decapods Larvae*	*Decapods Larvae*	*Decapods Larvae*	
			Sipunculids	*Sipunculids*	*Sipunculids*	*Amphipods*	*Gastropods*	*Gastropods*	
			Amphipods	*Foraminiferan*	*Foraminiferan*	*Polychates*	*Polychates*	*Polychates*	
2	MeioBenthos	--	*Herpectacoids*	*Gastropods*	Herpectacoids	Turbellarians	*Turbellarians*	*Turbellarians*	
			Decapods Larvae	*Decapods Larvae*	*Decapods Larvae*	*Foraminiferan*	*Foraminiferan*	*Foraminiferan*	
3	Population	no/m²	366	368	360	358	360	363	

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RESULTS OF MARINE WATER [M2 MOUTH OF BOCHA & NAVINAL CREEK - N 22°44'239" E 069°43'757"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
1.	pH	--	7.98	7.85	8.16	8.01	8.14	8.05	8.11	8.02	8.14	8.01	8.19	8.05	IS 3025(Part 11):2022
2.	Temperature	°C	29.4	29.3	29.2	29.1	29	28.9	28.8	28.7	28.6	28.5	28.5	28.4	IS 3025(Part 9):2023
3.	Total Suspended Solids	mg/L	144	126	152	118	156	124	134	110	128	114	134	108	APHA 24th Ed.,2023,2540- D
4.	BOD (3 Days @ 27°C)	mg/L	2.5	BDL(MDL :1.0)	2.2	BDL(MDL :1.0)	2.5	BDL(MDL :1.0)	2.9	BDL(MDL :1.0)	3.1	BDL(MDL :1.0)	3.4	BDL(MDL :1.0)	IS 3025(Part 44):2023
5.	Dissolved Oxygen	mg/L	6.63	6.43	6.5	6.3	6.34	6.15	6.53	6.33	6.55	6.35	6.4	6.2	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	36.01	36.74	35.76	36.54	35.81	36.31	35.66	36.24	35.71	36.29	35.84	36.41	By Calculation
7.	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)	BDL(MDL :2.0)	BDL(MDL :2.0)	BDL(MDL :2.0)	BDL(MDL :2.0)	BDL(MDL :2.0)	BDL(MDL :2.0)	IS 3025(Part 39):2021
8.	Nitrate as NO_3	µmol/L	2.74	2.58	3.06	2.74	2.9	2.58	3.39	3.06	3.06	2.9	3.39	3.06	APHA 24th Ed.2023,4500 NO3-B
9.	Nitrite as NO_2	µmol/L	0.196	0.174	0.239	0.217	0.217	0.196	0.239	0.196	0.348	0.304	0.326	0.304	APHA 24th Ed.2023,4500NO_2B
10.	Ammonical Nitrogen as NH_3	µmol/L	3.39	3.32	3.64	3.59	3.42	3.39	3.64	3.48	3.74	3.69	3.69	3.59	APHA 24th Ed.2023,4500-NH3 B
11.	Phosphates as PO_4	µmol/L	1.26	1.05	BDL(MDL :0.4)	BDL(MDL :0.4)	1.16	1.05	1.26	1.16	1.05	BDL(MDL :0.4)	1.26	1.16	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	6.326	6.074	6.939	6.547	6.537	6.166	7.269	6.736	7.148	6.894	7.406	6.954	APHA 24th Ed.2023,4500 NH3 - B
13.	Petroleum Hydrocarbon	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	APHA 24th ED.2023,5520 F
14.	Total Dissolved Solids	mg/L	35420	36248	35360	36212	35122	36090	35320	36128	35460	36180	35320	36410	IS 3025(Part 16):2023
15.	COD	mg/L	27.5	15.7	39.5	27.6	32.4	20.3	36	24	28	16	32	20	IS 3025(Part 58):2023

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RESULTS OF MARINE WATER [M2 MOUTH OF BOCHA & NAVINAL CREEK - N 22°44'239" E 069°43'757"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
A	Phytoplankton														
1.	Chlorophyll	mg/m³	2.95	2.65	2.8	2.6	3	2.72	5	2.82	4	3	5	4	APHA (24th Ed. 2023)10200A-G
2.	Phaeophytin	mg/m³	2.01	2.05	2.02	2.34	2.24	2.44	2.29	2.64	3.12	4	3.11	3	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10³/L	90	145	92	144	94	162	96	150	98	156	99	155	APHA (24th Ed. 2023)10200A-G
4	Name of Group Number and name of group species of each group	--	*Thalassiothrix*	*Pinnularia*	*Thalassiothrix*	*Pinnularia*	*Dinophysis*	*Pinnularia*	*Navicula*	*Thalassiothrix*	*Surirella*	*Thalassiothrix*	*Surirella*	*Thalassiothrix*	APHA (24th Ed. 2023)10200A-G
			Surirella	*Biddulphia*	*Surirella*	*Biddulphia*	*Surirella*	*Biddulphia*	*Skeletonema*	*Surirella*	*Pinnularia*	*Surirella*	*Pinnularia*	*Surirella*	
			Navicula	*Navicula*	*Navicula*	*Navicula*	*Nitzschia*	*Navicula*	*Rhizosolenia*	*Navicula*	*Rhizosolenia*	*Navicula*	*Melosira*	*Navicula*	
			Thallassiosira	*Rhizosolenia*	*Cyclotella*	*Rhizosolenia*	*Cyclotella*	*Rhizosolenia*	*Dinophysis*	*Thallassiosira*	*Dinophysis*	*Thallassiosira*	*Dinophysis*	*Thallassiosira*	
			Skeletonema	*Skeletonema*	*Skeletonema*	*Thallassiosira*	*Skeletonema*	*Thallassiosira*	*Thalassionema*	*Skeletonema*	*Thalassionema*	*Skeletonema*	*Thalassionema*	*Skeletonema*	
B	Zooplankton														
1	Abudance (Population)	noX10 3/ 100 m3	43		44		42		44		48		47		APHA (24rd Ed. 2023)10200 G
2	Name of Group Number and name of group species of each group		*Egg(Fish and Shrimps)*		*Egg(Fish and Shrimps)*		*Egg(Fish and Shrimps)*		*Crustacean Larvae*		*Crustacean Larvae*		*Crustacean Larvae*		
			Copepods		*Oikoplura*		*Nitzschia*		*Egg(Fish and Shrimps)*		*Egg(Fish and Shrimps)*		*Egg(Fish and Shrimps)*		
			Copepods nauplii		*Copepods nauplii*		*Copepods nauplii*		*Copepods*		*Copepods*		*Copepods*		
			Crustacean		*Crustacean*		*Pinnularia*		*Crustacean*		*Crustacean*		*Copepods nauplii*		
			Bivalve Larvae		*Bivalve Larvae*		*Bivalve Larvae*		*Bivalve Larvae*		*Bivalve Larvae*		*Bivalve Larvae*		
3	Total Biomass	ml/100 m³	15.1		15.6		16.2		16.46		16.64		16.65		

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RESULTS OF MARINE WATER [M2 MOUTH OF BOCHA & NAVINAL CREEK - N 22°44'239" E 069°43'757"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
C	Microbiological														
1	Total Bacterial Count	CFU/ml	130		128		120		102		100		102		APHA 24th Ed.2023,9215 -C
2	Total Coliform	/100ml	32		36		34		30		28		26		APHA 24thEd.2023, 9222-B
3	E.coli	/100ml	10		12		10		14		16		2		IS :15185:2016
4	Enterococcus	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS:15186:2002
5	Salmonella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS:15187:2016
6	Shigella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		APHA 24thEd.2023, 9260-E
7	Vibrio	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS: 5887 (Part V):1976

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RESULTS OF SEDIMENT ANALYSIS [M2 MOUTH OF BOCHA & NAVINAL CREEK - N 22°44'239" E 069°43'757"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	TEST METHOD
			SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
1.	Organic Matter	%	0.56	0.62	0.58	0.62	0.52	0.56	IS: 2720 (Part 22):1972
2.	Phosphorus as P	µg/g	604	614	620	614	596	602	IS: 10158 :1982, Method B
3.	Texture	--	Sandy	Sandy	Sandy	Sandy	Sandy	Sandy	Lab SOP No. UERL/CHM/LTM/108
4.	Petroleum Hydrocarbon	µg/g	ND	ND	ND	ND	ND	ND	APHA 24th Ed.2023,5520 F
5.0	Heavy Metals								
5.1	Aluminum as Al	%	3.64	3.56	3.42	3.29	3.15	3.34	IS3025(Part 55):2003
5.2	Total Chromium as Cr+3	µg/g	138.6	144.2	126.5	110.4	125.2	142.6	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.3	Manganese as Mn	µg/g	618.6	586.3	565.2	542.4	552.4	576.4	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.4	Iron as Fe	%	3.82	3.71	3.65	3.45	3.36	3.21	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.5	Nickel as Ni	µg/g	46.8	44.2	48.1	42.9	44.5	49.2	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.6	Copper as Cu	µg/g	52.4	50.2	49.2	44.8	41.9	38.5	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.7	Zinc as Zn	µg/g	106.4	110	102.4	110.4	124.2	112.6	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.8	Lead as Pb	µg/g	1.62	1.42	1.31	1.2	1.22	1.28	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.9	Mercury as Hg	µg/g	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	EPA 7471B (Extraction &Analytical Method) :2007

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RESULTS OF SEDIMENT ANALYSIS [M2 MOUTH OF BOCHA & NAVINAL CREEK - N 22°44'239" E 069°43'757"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	TEST METHOD
			SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
D			Benthic Organisms						
1	Macrobenthos	--	*Decapods Larvae*	*Polychates*	*Polychates*	*Foraminiferan*	*Foraminiferan*	*Foraminiferan*	APHA (24th Ed. 2023)10500
			Isopods	Isopods	*Isopods*	*Gastropods*	*Gastropods*	Gastropods	
			Amphipods	*Amphipods*	*Gastropods*	*Isopods*	*Isopods*	*Isopods*	
			Sipunculids	*Sipunculids*	*Sipunculids*	*Sipunculids*	*Amphipods*	*Amphipods*	
2	MeioBenthos	--	*Foraminiferan*	*Foraminiferan*	*Decapods Larvae*	*Herpectacoids*	*Sipunculids*	*Sipunculids*	
			Herpectacoids	*Herpectacoids*	*Herpectacoids*	*Polychates*	*Polychates*	*Polychates*	
3	Population	no/m²	301	300	286	294	300	302	

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RESULTS OF MARINE WATER [M3 EAST OF BOCHAISLANOT DETECTED - N 22°46'530" E 069°41'690"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
1.	pH	--	8.09	7.95	8.21	8.06	8.24	8.12	8.17	8.09	8.14	8.05	8.18	7.96	IS 3025(Part 11):2022
2.	Temperature	°C	29.3	29.2	29.2	29.1	28.9	28.8	28.7	28.6	28.6	28.5	28.5	28.4	IS 3025(Part 9):2023
3.	Total Suspended Solids	mg/L	158	122	146	118	158	126	144	110	134	112	144	118	APHA 24th Ed.,2023,2540- D
4.	BOD (3 Days @ 27°C)	mg/L	2.7	BDL(MDL: 1.0)	2.5	BDL(MDL: 1.0)	2.4	BDL(MDL: 1.0)	2.8	BDL(MDL: 1.0)	2.9	BDL(MDL: 1.0)	2.8	BDL(MDL: 1.0)	IS 3025(Part 44):2023
5.	Dissolved Oxygen	mg/L	6.63	6.53	6.5	6.4	6.34	6.25	6.53	6.43	6.55	6.45	6.4	6.3	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	35.82	36.82	35.78	36.41	35.62	36.44	35.58	36.29	35.64	36.38	35.72	36.46	By Calculation
7.	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)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	IS 3025(Part 39):2021
8.	Nitrate as NO_3	µmol/L	3.06	2.9	2.58	2.42	2.42	2.26	2.74	2.58	3.23	3.06	2.9	2.74	APHA 24th Ed.2023,4500 NO3-B
9.	Nitrite as NO_2	µmol/L	0.217	0.196	0.196	0.174	0.239	0.217	0.261	0.217	0.326	0.283	0.283	0.261	APHA 24th Ed.2023,4500NO_2B
10.	Ammonical Nitrogen as NH_3	µmol/L	3.59	3.53	3.48	3.42	3.48	3.39	3.69	3.64	3.64	3.59	3.53	3.48	APHA 24th Ed.2023,4500-NH3 B
11.	Phosphates as PO_4	µmol/L	BDL(MDL: 0.4)	1.05	1.37	1.26	1.05	BDL(MDL: 0.4)	BDL(MDL: 0.4)	BDL(MDL: 0.4)	1.05	BDL(MDL: 0.4)	1.16	BDL(MDL: 0.4)	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	6.867	6.626	6.256	6.014	6.139	5.867	6.691	6.437	7.196	6.933	6.713	6.481	APHA 24th Ed.2023,4500 NH3
13.	Petroleum Hydrocarbon	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	APHA 24th ED.2023,5520 F
14.	Total Dissolved Solids	mg/L	35124	36328	35340	36110	35240	36220	35460	36550	35520	36740	35260	36458	IS 3025(Part 16):2023
15.	COD	mg/L	19.7	7.9	31.6	19.7	24.3	12.2	28	16	20	8	24	12	IS 3025(Part 58):2023

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RESULTS OF MARINE WATER [M3 EAST OF BOCHAISLANOT DETECTED - N 22°46'530" E 069°41'690"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
A			Phytoplankton												
1.	Chlorophyll	mg/m³	2.46	2.2	2.52	2.4	2.54	2.38	2.64	2.44	3.25	288	3.24	287	APHA (24th Ed. 2023)10200A-G
2.	Phaeophytin	mg/m³	1.5	1.45	1.8	1.46	1.99	1.64	2	1.55	6	2.01	7	2.02	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10^3/L	145	95	143	92	140	90	144	100	140	96	141	97	APHA (24th Ed. 2023)10200A-G
4	Name of Group Number and name of group species of each group	--	*Pinnularia*	*Coscinodiscus*	*Pinnularia*	*Coscinodiscus*	*Pinnularia*	*Coscinodiscus*	*Melosira*	*Cyclotella*	*Melosira*	*Cyclotella*	*Melosira*	*Cyclotella*	APHA (24th Ed. 2023)10200A-G
			Biddulphia	*Pinnularia*	*Biddulphia*	*Pinnularia*	*Biddulphia*	*Pinnularia*	*Pinnularia*	*Pinnularia*	*Pinnularia*	*Pinnularia*	*Pinnularia*	*Pinnularia*	
			Navicula	*Rhizosolenia*	*Navicula*	*Rhizosolenia*	*Navicula*	*Rhizosolenia*	*Skeletonema*	*Skeletonema*	*Rhizosolenia*	*Skeletonema*	*Rhizosolenia*	*Skeletonema*	
			Thallassiosira	*Dinophysis*	*Thallassiosira*	*Dinophysis*	*Thallassiosira*	*Dinophysis*	*Thallassiosira*	*Thallassiosira*	*Thallassiosira*	*Thallassiosira*	*Thallassiosira*	*Thallassiosira*	
			Skeletonema	*Thalassionema*	*Skeletonema*	*Thalassionema*	*Skeletonema*	*Thalassionema*	*Thalassionema*	*Thalassionema*	*Thalassionema*	*Thalassionema*	*Thalassionema*	*Thalassionema*	
B			Zooplankton												
1	Abudance (Population)	noX10 3/ 100 m3	40		48		44		48		41		50		APHA (24rd Ed. 2023)10200 G
2	Name of Group Number and name of group species of each group		*Copepods*		*Copepods*		*Rhizosolenia*		*Crustacean*		*Crustacean*		*Crustacean*		
			Copepods nauplii		*Copepods nauplii*		*Crustacean Larvae*		*Copepods nauplii*		*Copepods nauplii*		*Copepods nauplii*		
			Egg(Fish and Shrimps)		*Egg(Fish and Shrimps)*		*Egg(Fish and Shrimps)*		*Crustacean Larvae*		*Crustacean Larvae*		*Crustacean Larvae*		
			Crustacean		*Pinnularia*		*Oikoplura*		*Crustacean*		*Crustacean*		*Egg(Fish and Shrimps)*		
			Bivalve Larvae		*Bivalve Larvae*		*Thalassionema*		*Bivalve Larvae*		*Bivalve Larvae*		*Bivalve Larvae*		
3	Total Biomass	ml/100 m^3	15.2		14.8		15.2		15.62		15.34		15.33		

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RESULTS OF MARINE WATER [M3 EAST OF BOCHAISLANOT DETECTED - N 22°46'530" E 069°41'690"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM			
C			Microbiological												
1	Total Bacterial Count	CFU/ml	148		140		134		144		138		122		APHA 24th Ed.2023,9215 -C
2	Total Coliform	/100ml	30		36		28		24		22		17		APHA 24thEd.2023, 9222-B
3	E.coli	/100ml	24		22		20		16		14		21		IS :15185:2016
4	Enterococcus	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS:15186:2002
5	Salmonella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS:15187:2016
6	Shigella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		APHA 24thEd.2023, 9260-E
7	Vibrio	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS: 5887 (Part V):1976

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RESULTS OF SEDIMENT ANALYSIS [M3 EAST OF BOCHAISLANOT DETECTED - N 22°46'530" E 069°41'690"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	TEST METHOD
			SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
1.	Organic Matter	%	0.52	0.65	0.54	0.45	0.49	0.56	IS: 2720 (Part 22):1972
2.	Phosphorus as P	µg/g	534	514	538	564	588	605.2	IS: 10158 :1982, Method B
3.	Texture	--	Sandy	Sandy	Sandy	Sandy	Sandy	Sandy	Lab SOP No. UERL/CHM/LTM/108
4.	Petroleum Hydrocarbon	µg/g	ND	ND	ND	ND	ND	ND	APHA 24th Ed.2023,5520 F
5.0	Heavy Metals								
5.1	Aluminum as Al	%	3.42	3.55	3.39	3.25	3.19	3.38	IS3025(Part 55):2003
5.2	Total Chromium as Cr+3	µg/g	112	119.2	124.6	118.2	128.4	133.2	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.3	Manganese as Mn	µg/g	564	544	562	546	562.2	558.4	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.4	Iron as Fe	%	3.44	3.51	3.49	3.29	3.35	3.25	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.5	Nickel as Ni	µg/g	44.9	45.6	41.8	44.3	41.8	44.6	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.6	Copper as Cu	µg/g	40.6	51.2	52.5	48.2	44.3	42.5	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.7	Zinc as Zn	µg/g	120	126.2	130.2	106.5	110.2	105.2	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.8	Lead as Pb	µg/g	1.56	1.59	1.46	1.29	1.22	1.25	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.9	Mercury as Hg	µg/g	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	EPA 7471B (Extraction &Analytical Method) :2007

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RESULTS OF SEDIMENT ANALYSIS [M3 EAST OF BOCHAISLANOT DETECTED - N 22°46'530" E 069°41'690"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	TEST METHOD
			SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
D	Benthic Organisms								
1	Macrobenthos	--	Polychates	*Polychates*	*Amphipods*	*Gastropods*	*Gastropods*	*Decapods Larvae*	APHA (24th Ed. 2023)10500
			Gastropods	*Gastropods*	*Gastropods*	*Isopods*	*Isopods*	*Isopods*	
			Isopods	*Isopods*	*Isopods*	*Amphipods*	*Amphipods*	*Amphipods*	
			Sipunculids	*Sipunculids*	*Sipunculids*	*Sipunculids*	*Sipunculids*	*Sipunculids*	
2	MeioBenthos	--	*Herpectacoids*	*Herpectacoids*	*Herpectacoids*	*Polychates*	*Polychates*	*Foraminiferan*	
			Polychates	*Polychates*	*Polychates*	*Herpectacoids*	*Herpectacoids*	*Herpectacoids*	
3	Population	no/m²	296	280	297	300	288	363	

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RESULTS OF MARINE WATER [M4 JUNA BANOT DETECTEDAR N 22°47'577" E 069°43'620"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
1.	pH	--	8.07	7.88	8.17	7.98	8.16	7.99	8.12	7.88	8.09	7.88	8.14	7.96	IS 3025(Part 11):2022
2.	Temperature	°C	29.2	29.1	29.1	29	28.9	28.8	28.8	28.7	28.6	28.5	28.5	28.4	IS 3025(Part 9):2023
3.	Total Suspended Solids	mg/L	166	134	128	112	134	104	142	112	134	116	114	96	APHA 24th Ed.,2023,2540- D
4.	BOD (3 Days @ 27°C)	mg/L	2.8	BDL(MDL: 1.0)	3.1	BDL(MDL: 1.0)	2.2	BDL(MDL: 1.0)	3.1	BDL(MDL: 1.0)	3.2	BDL(MDL: 1.0)	3.1	BDL(MDL: 1.0)	IS 3025(Part 44):2023
5.	Dissolved Oxygen	mg/L	6.83	6.63	6.7	6.5	6.54	6.34	6.73	6.53	6.75	6.55	6.59	6.4	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	36.11	36.84	36.03	36.81	36.12	36.47	35.74	36.41	35.81	36.54	35.62	36.72	By Calculation
7.	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)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	IS 3025(Part 39):2021
8.	Nitrate as NO_3	µmol/L	3.71	3.55	3.23	3.06	2.74	2.42	2.9	2.58	3.55	3.39	3.06	2.9	APHA 24th Ed.2023,4500 NO3-B
9.	Nitrite as NO_2	µmol/L	0.239	0.217	0.261	0.239	0.217	0.174	0.174	0.152	0.217	0.196	0.304	0.283	APHA 24th Ed.2023,4500NO_2B
10.	Ammonical Nitrogen as NH_3	µmol/L	3.85	3.8	3.53	3.48	3.48	3.39	3.39	3.32	3.74	3.64	3.53	3.48	APHA 24th Ed.2023,4500-NH3 B
11.	Phosphates as PO_4	µmol/L	BDL(MDL: 0.4)	1.16	1.16	1.05	BDL(MDL: 0.4)	BDL(MDL: 0.4)	1.16	1.05	1.16	BDL(MDL: 0.4)	1.37	1.26	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	7.799	7.567	7.021	6.779	6.437	5.984	6.464	6.052	7.507	7.226	6.894	6.663	APHA 24th Ed.2023,4500 NH3 - B
13.	Petroleum Hydrocarbon	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	APHA 24th ED.2023,5520 F
14.	Total Dissolved Solids	mg/L	35622	36414	35240	36080	35150	35960	35290	36188	35350	36240	35340	36190	IS 3025(Part 16):2023
15.	COD	mg/L	19.7	11.8	31.6	23.7	28.4	16.2	28	20	20	12	24	16	IS 3025(Part 58):2023

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RESULTS OF MARINE WATER [M4 JUNA BANOT DETECTEDAR N 22°47'577" E 069°43'620"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
A	Phytoplankton														
1.	Chlorophyll	mg/m³	2.6	4	2.4	6	2.44	8	2.54	3.66	4.2	2.64	4.1	2.65	APHA (24th Ed. 2023)10200A-G
2.	Phaeophytin	mg/m³	2.3	9	2.2	8	2.64	6	2.6	2.61	3.6	2.72	3.5	2.71	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10^3/L	155	85	156	89	150	92	148	94	150	94	151	93	APHA (24th Ed. 2023)10200A-G
4	Name of Group Number and name of group species of each group	--	*Coscinodiscus*	*Surirella*	*Surirella*	*Surirella*	*Coscinodiscus*	*Surirella*	*Thallassiosira*	*Coscinodiscus*	*Thallassiosira*	*Coscinodiscus*	*Thallassiosira*	*Coscinodiscus*	APHA (24th Ed. 2023)10200A-G
			Diploneis	*Biddulphia*	*Diploneis*	*Biddulphia*	*Diploneis*	*Biddulphia*	*Melosira*	*Diploneis*	*Melosira*	*Diploneis*	*Melosira*	*Diploneis*	
			Rhizosolenia	*Navicula*	*Thalassiothrix*	*Coscinodiscus*	*Skeletonema*	*Coscinodiscus*	*Nitzschia*	*Rhizosolenia*	*Nitzschia*	*Rhizosolenia*	*Nitzschia*	*Rhizosolenia*	
			Dinophysis	*Thallassiosira*	*Navicula*	*Thallassiosira*	*Navicula*	*Thallassiosira*	*Rhizosolenia*	*Dinophysis*	*Rhizosolenia*	*Dinophysis*	*Rhizosolenia*	*Dinophysis*	
			Thalassionema	*Skeletonema*	*Thalassionema*	*Skeletonema*	*Thalassionema*	*Skeletonema*	*Pleurosigma*	*Thalassionema*	*Pleurosigma*	*Thalassionema*	*Pleurosigma*	*Thalassionema*	

B	Zooplankton														
1	Abudance (Population)	noX10 3/ 100 m3	35		36		40		52		46		45		APHA (24rd Ed. 2023)10200 G
2	Name of Group Number and name of group species of each group		*Oikoplura*		*Oikoplura*		*Copepods nauplii*		*Copepods nauplii*		*Copepods nauplii*		*Copepods nauplii*		
			Copepods nauplii		*Rhizosolenia*		*Rhizosolenia*		*Crustacean Larvae*		*Crustacean Larvae*		*Egg(Fish and Shrimps)*		
			Crustacean Larvae		*Crustacean Larvae*		*Egg(Fish and Shrimps)*		*Oikoplura*		*Oikoplura*		*Oikoplura*		
			Crustacean		*Crustacean*		*Crustacean*		*Bivalve Larvae*		*Bivalve Larvae*		*Copepods nauplii*		
			Bivalve Larvae		*Bivalve Larvae*		*Bivalve Larvae*		*Oikoplura*		*Oikoplura*		*Oikoplura*		
3	Total Biomass	ml/100 m^3	14.3		15.2		14.28		14.32		14.62		14.61		

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RESULTS OF MARINE WATER [M4 JUNA BANOT DETECTEDAR N 22°47'577" E 069°43'620"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM			
C			Microbiological												
1	Total Bacterial Count	CFU/ml	112		110		112		126		118		110		APHA 24th Ed.2023,9215 -C
2	Total Coliform	/100ml	40		36		30		38		32		31		APHA 24thEd.2023, 9222-B
3	E.coli	/100ml	10		14		11		14		12		11		IS :15185:2016
4	Enterococcus	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS:15186:2002
5	Salmonella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS:15187:2016
6	Shigella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		APHA 24thEd.2023, 9260-E
7	Vibrio	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS: 5887 (Part V):1976

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RESULTS OF SEDIMENT ANALYSIS [M4 JUNA BANOT DETECTEDAR N 22°47'577" E 069°43'620"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	TEST METHOD
			SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
1.	Organic Matter	%	0.52	0.58	0.47	0.49	0.52	0.56	IS: 2720 (Part 22):1972
2.	Phosphorus as P	µg/g	610	612	625	610	621	628	IS: 10158 :1982, Method B
3.	Texture	--	Sandy	Sandy	Sandy	Sandy	Sandy	Sandy	Lab SOP No. UERL/CHM/LTM/108
4.	Petroleum Hydrocarbon	µg/g	ND	ND	ND	ND	ND	ND	APHA 24th Ed.2023,5520 F
5.0	Heavy Metals								
5.1	Aluminum as Al	%	3.42	3.52	3.48	3.42	3.44	3.25	IS3025(Part 55):2003
5.2	Total Chromium as Cr+3	µg/g	105	110	124	112	118	134	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.3	Manganese as Mn	µg/g	444.8	442.1	426.1	415.2	420.5	456.2	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.4	Iron as Fe	%	3.46	3.62	3.54	3.24	3.11	3.28	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.5	Nickel as Ni	µg/g	45.2	46.8	44.2	42.8	44.2	41.6	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.6	Copper as Cu	µg/g	51.6	52.1	55.6	51.2	49.6	52.4	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.7	Zinc as Zn	µg/g	186.2	174.6	165.2	134.6	124	118.6	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.8	Lead as Pb	µg/g	1.56	1.62	1.52	1.12	1.16	1.24	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.9	Mercury as Hg	µg/g	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	EPA 7471B (Extraction &Analytical Method) :2007

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RESULTS OF SEDIMENT ANALYSIS [M4 JUNA BANOT DETECTEDAR N 22°47'577" E 069°43'620"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	TEST METHOD
			SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
D	Benthic Organisms								
1	Macrobenthos	--	*Foraminiferan*	*Amphipods*	*Amphipods*	*Sipunculids*	*Sipunculids*	Sipunculids	APHA (24th Ed. 2023)10500
			Gastropods	*Gastropods*	*Gastropods*	*Decapods Larvae*	*Decapods Larvae*	*Decapods Larvae*	
			Isopods	*Isopods*	*Isopods*	*Polychates*	*Polychates*	*Polychates*	
			Sipunculids	*Sipunculids*	*Turbellarians*	*Isopods*	*Isopods*	*Foraminiferan*	
2	MeioBenthos	--	*Herpectacoids*	*Herpectacoids*	*Herpectacoids*	*Turbellarians*	Gastropods	*Gastropods*	
			Polychates	*Turbellarians*	*Decapods Larvae*	*Herpectacoids*	*Herpectacoids*	*Herpectacoids*	
3	Population	no/m^2	300	292	280	264	246	363	

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RESULTS OF MARINE WATER [M5 TOWARDS WESTERN SIDE OF EAST PORT – N 22°46'041" E 069°47'296"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
1.	pH	--	8.16	8.05	8.09	7.89	8.11	7.99	8.09	7.89	8.15	8.01	8.17	8.98	IS 3025(Part 11):2022
2.	Temperature	°C	29.2	29.1	29.1	29	28.8	28.7	28.6	28.5	28.4	28.3	28.5	28.4	IS 3025(Part 9):2023
3.	Total Suspended Solids	mg/L	132	104	118	96	138	104	128	110	122	112	116	78	APHA 24th Ed.,2023,2540- D
4.	BOD (3 Days @ 27oC)	mg/L	2.8	BDL(MDL: 1.0)	3.2	BDL(MDL: 1.0)	2.8	BDL(MDL: 1.0)	3.3	BDL(MDL: 1.0)	3.4	BDL(MDL: 1.0)	3.1	BDL(MDL: 1.0)	IS 3025(Part 44):2023
5.	Dissolved Oxygen	mg/L	6.53	6.43	6.4	6.3	6.25	6.15	6.43	6.33	6.45	6.35	6.3	6.2	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	35.65	36.75	35.74	36.81	35.92	36.88	35.74	36.72	35.86	36.74	36.02	36.98	By Calculation
7.	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)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	IS 3025(Part 39):2021
8.	Nitrate as NO3	µmol/L	3.23	3.06	3.39	3.23	2.58	2.42	3.06	2.9	3.71	3.55	2.74	2.58	APHA 24th Ed.2023,4500 NO3-B
9.	Nitrite as NO2	µmol/L	0.174	0.152	0.174	0.152	0.283	0.261	0.239	0.217	0.174	0.152	0.261	0.239	APHA 24th Ed.2023,4500NO2 B
10.	Ammonical Nitrogen as NH3	µmol/L	3.9	3.85	3.69	3.64	3.32	3.26	3.59	3.53	3.64	3.53	3.42	3.39	APHA 24th Ed.2023,4500-NH3 B
11.	Phosphates as PO4	µmol/L	1.37	1.26	1.05	BDL(MDL: 0.4)	1.16	1.05	1.05	BDL(MDL: 0.4)	1.37	1.26	1.05	BDL(MDL: 0.4)	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	7.304	7.062	7.254	7.022	6.183	5.941	6.889	6.647	7.524	7.232	6.421	6.209	APHA 24th Ed.2023,4500 NH3 - B
13.	Petroleum Hydrocarbon	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	APHA 24th ED.2023,5520 F
14.	Total Dissolved Solids	mg/L	35340	36130	35540	36322	35260	36240	35310	36380	35410	36560	35116	36284	IS 3025(Part 16):2023
15.	COD	mg/L	11.8	7.9	23.7	19.7	16.2	12.2	20	16	12	8	16	12	IS 3025(Part 58):2023

Continue…

RESULTS OF MARINE WATER [M5 TOWARDS WESTERN SIDE OF EAST PORT – N 22°46'041" E 069°47'296"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
A			Phytoplankton												
1.	Chlorophyll	mg/m³	3.14	3.21	3.16	3.24	3.24	3.2	3.22	3.36	3.92	3.34	3.91	3.33	APHA (24th Ed. 2023)10200A-G
2.	Phaeophytin	mg/m³	2.5	1.3	2.45	1.4	2.4	1.34	2.62	1.42	2.56	2.34	2.55	2.33	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10^3/L	120	116	119	112	120	114	124	112	132	116	131	117	APHA (24th Ed. 2023)10200A-G
4	Name of Group Number and name of group species of each group	--	*Diplonesis*	*Navicula*	*Diplonesis*	*Navicula*	*Navicula*	*Navicula*	*Navicula*	*Pinnularia*	*Navicula*	*Pinnularia*	*Navicula*	*Pinnularia*	APHA (24th Ed. 2023)10200A-G
			Rhizosolenia	*Skeletonema*	*Rhizosolenia*	*Skeletonema*	*Biddulphia*	*Skeletonema*	*Biddulphia*	*Biddulphia*	*Biddulphia*	*Biddulphia*	*Biddulphia*	*Rhizosolenia*	
			Nitzschia	*Rhizosolenia*	*Nitzschia*	*Rhizosolenia*	*Nitzschia*	*Rhizosolenia*	*Nitzschia*	*Navicula*	*Nitzschia*	*Navicula*	*Odontella*	*Dinophysis*	
			Cyclotella	*Dinophysis*	*Cyclotella*	*Biddulphia*	*Cyclotella*	*Biddulphia*	*Cyclotella*	*Thallassiosira*	*Cyclotella*	*Thallassiosira*	*Cyclotella*	*Coscinodiscus*	
			Pleurosigma	*Thalassionema*	*Pleurosigma*	*Thalassionema*	*Pleurosigma*	*Thalassionema*	*Pleurosigma*	*Skeletonema*	*Pleurosigma*	*Skeletonema*	*Pleurosigma*	*Skeletonema*	
B			Zooplankton												
1	Abudance (Population)	noX10 3/ 100 m3	50		56		52		60		62		61		APHA (24rd Ed. 2023)10200 G
2	Name of Group Number and name of group species of each group		*Copepods nauplii*		*Nitzschia*		*Nitzschia*		*Crustacean Larvae*		*Crustacean Larvae*		*Crustacean Larvae*		
			Crustacean Larvae		*Crustacean Larvae*		*Crustacean Larvae*		*Egg(Fish and Shrimps)*		*Egg(Fish and Shrimps)*		*Egg(Fish and Shrimps)*		
			Oikoplura		*Oikoplura*		*Oikoplura*		*Copepods*		*Copepods*		*Copepods nauplii*		
			Bivalve Larvae		*Bivalve Larvae*		*Bivalve Larvae*		*Crustacean*		*Crustacean*		*Crustacean*		
			Oikoplura		*Oikoplura*		*Oikoplura*		*Bivalve Larvae*		*Bivalve Larvae*		*Bivalve Larvae*		
3	Total Biomass	ml/100 m³	14.14		16.14		18.3		18.34		18.42		18.41		

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MoEF&CC Recog. Environmental Laboratory under The EPA, 1986 (02.04.2025 to 29.03.2028) | NABL (ISO/IEC 17025: 2017) Accredited Testing Laboratory (TC-15345) (22.01.2025 to 22.09.2026) | QCI-NABET Accredited EIA & GW Consultant Organisation | GPCB Recognized Environmental Auditor (Sch-II) | ISO 9001: 2015 Certified Company | ISO 45001: 2018 Certified OHS Management System

RESULTS OF MARINE WATER [M5 TOWARDS WESTERN SIDE OF EAST PORT – N 22°46'041" E 069°47'296"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
C			Microbiological												
1	Total Bacterial Count	CFU/ml	140		136		132		124		120		121		APHA 24th Ed.2023,9215 -C
2	Total Coliform	/100ml	36		30		34		28		30		32		APHA 24thEd.2023, 9222-B
3	E.coli	/100ml	14		12		14		12		10		11		IS :15185:2016
4	Enterococcus	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS:15186:2002
5	Salmonella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS:15187:2016
6	Shigella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		APHA 24thEd.2023, 9260-E
7	Vibrio	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS: 5887 (Part V):1976

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RESULTS OF SEDIMENT ANALYSIS [M5 TOWARDS WESTERN SIDE OF EAST PORT – N 22°46'041" E 069°47'296"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	TEST METHOD
			SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
1.	Organic Matter	%	0.52	0.58	0.56	0.49	0.46	0.53	IS: 2720 (Part 22):1972
2.	Phosphorus as P	µg/g	610	621	614	602	611	596.2	IS: 10158 :1982, Method B
3.	Texture	--	Sandy	Sandy	Sandy	Sandy	Sandy	Sandy	Lab SOP No. UERL/CHM/LTM/108
4.	Petroleum Hydrocarbon	µg/g	ND	ND	ND	ND	ND	ND	APHA 24th Ed.2023,5520 F
5.0	Heavy Metals								
5.1	Aluminum as Al	%	3.68	3.56	3.51	3.26	3.15	3.24	IS3025(Part 55):2003
5.2	Total Chromium as Cr+3	µg/g	142.2	152.3	144.6	122.1	120.5	124.3	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.3	Manganese as Mn	µg/g	508.5	512.2	532.1	542.4	528	520.4	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.4	Iron as Fe	%	3.44	3.56	3.62	3.25	3.11	3.26	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.5	Nickel as Ni	µg/g	56.9	58.4	54.6	50.2	46.5	44.6	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.6	Copper as Cu	µg/g	44.6	42.2	44.5	49.2	44.8	42.2	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.7	Zinc as Zn	µg/g	121.2	114.2	122.4	115.1	124.3	121.5	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.8	Lead as Pb	µg/g	1.69	1.56	1.48	1.06	1.15	1.16	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.9	Mercury as Hg	µg/g	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	EPA 7471B (Extraction &Analytical Method) :2007

Continue…

RESULTS OF SEDIMENT ANALYSIS [M5 TOWARDS WESTERN SIDE OF EAST PORT – N 22°46'041" E 069°47'296"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	TEST METHOD
			SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
D			Benthic Organisms						
1	Macrobenthos	--	*Amphipods*	*Amphipods*	*Amphipods*	*Isopods*	*Isopods*	*Isopods*	APHA (24th Ed. 2023)10500
			Polychates	*Sipunculids*	*Polychates*	*Polychates*	*Polychates*	*Gastropods*	
			Isopods	*Isopods*	*Isopods*	*Sipunculids*	*Sipunculids*	*Sipunculids*	
			Gastropods	*Gastropods*	*Gastropods*	*Amphipods*	*Amphipods*	*Amphipods*	
2	MeioBenthos	--	Decapods Larvae	Decapods Larvae	Foraminiferan	Polychates	Herpectacoids	*Herpectacoids*	
			Herpectacoids	*Gastropods*	*Herpectacoids*	*Foraminiferan*	*Foraminiferan*	*Polychates*	
3	Population	no/m²	306	304	300	286	272	274	

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RESULTS OF MARINE WATER [M7 EAST PORT N 22°47'120" E 069°47'110"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
1.	pH	--	8.17	7.95	8.21	8.08	8.06	7.86	8.14	8.01	8.04	7.84	8.17	8.05	IS 3025(Part 11):2022
2.	Temperature	°C	29.3	29.2	29.2	29.1	28.7	28.6	28.6	28.5	28.7	28.6	28.6	28.5	IS 3025(Part 9):2023
3.	Total Suspended Solids	mg/L	138	122	144	126	136	112	144	118	108	96	124	108	APHA 24th Ed.,2023,2540- D
4.	BOD (3 Days @ 27°C)	mg/L	2.7	BDL(MDL: 1.0)	2.5	BDL(MDL: 1.0)	3.1	BDL(MDL: 1.0)	3.5	BDL(MDL: 1.0)	3.4	BDL(MDL: 1.0)	2.8	BDL(MDL: 1.0)	IS 3025(Part 44):2023
5.	Dissolved Oxygen	mg/L	6.73	6.63	6.6	6.5	6.44	6.34	6.63	6.53	6.65	6.55	6.49	6.4	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	36.21	36.66	35.96	36.59	35.56	36.82	35.44	36.91	35.51	36.88	35.66	36.94	By Calculation
7.	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)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	IS 3025(Part 39):2021
8.	Nitrate as NO_3	µmol/L	3.55	3.39	2.9	2.74	2.9	2.58	3.23	2.9	3.39	3.23	3.06	2.9	APHA 24th Ed.2023,4500 NO3-B
9.	Nitrite as NO_2	µmol/L	0.326	0.304	0.283	0.261	0.152	0.13	0.196	0.174	0.261	0.217	0.304	0.283	APHA 24th Ed.2023,4500NO_2B
10.	Ammonical Nitrogen as NH_3	µmol/L	3.74	3.69	3.8	3.74	3.69	3.64	3.42	3.39	3.59	3.48	3.74	3.69	APHA 24th Ed.2023,4500-NH3 B
11.	Phosphates as PO_4	µmol/L	BDL(MDL: 0.4)	BDL(MDL: 0.4)	1.16	BDL(MDL: 0.4)	1.05	BDL(MDL: 0.4)	1.37	1.26	1.26	1.16	1.16	BDL(MDL: 0.4)	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	7.616	7.384	6.983	6.741	6.742	6.35	6.846	6.464	7.241	6.927	7.104	6.873	APHA 24th Ed.2023,4500 NH3
13.	Petroleum Hydrocarbon	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	APHA 24th ED.2023,5520 F
14.	Total Dissolved Solids	mg/L	36246	37050	36108	36860	36380	37020	36420	37110	36320	37090	35964	37120	IS 3025(Part 16):2023
15.	COD	mg/L	15.7	11.8	19.7	15.8	16.2	12.2	16	12	8	4	12	8	IS 3025(Part 58):2023

Continue…

RESULTS OF MARINE WATER [M7 EAST PORT N 22°47'120" E 069°47'110"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
A			Phytoplankton												
1.	Chlorophyll	mg/m³	3.08	2.9	3.12	2.6	3.16	2.62	3.12	2.52	3.52	3.06	3.54	3.07	APHA (24th Ed. 2023)10200A-G
2.	Phaeophytin	mg/m³	2.9	1.72	3	1.72	4	1.8	6	1.94	8	2.31	6	2.32	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10^3/L	93	120	92	122	90	128	98	124	100	120	102	122	APHA (24th Ed. 2023)10200A-G
4	Name of Group Number and name of group species of each group	--	*Nitzschia*	*Thalassiothrix*	*Nitzschia*	*Rhizosolenia*	*Nitzschia*	*Rhizosolenia*	*Diploneis*	*Coscinodiscus*	*Diploneis*	*Coscinodiscus*	*Diploneis*	*Coscinodiscus*	APHA (24th Ed. 2023)10200A-G
			Pinnularia	*Surirella*	*Pinnularia*	*Surirella*	*Odontella*	*Surirella*	*Rhizosolenia*	*Diploneis*	*Rhizosolenia*	*Diploneis*	*Rhizosolenia*	*Diploneis*	
			Odontella	*Navicula*	*Dinophysis*	*Navicula*	*Dinophysis*	*Navicula*	*Nitzschia*	*Rhizosolenia*	*Nitzschia*	*Rhizosolenia*	*Nitzschia*	*Rhizosolenia*	
			Dinophysis	*Thallassiosira*	*Pleurosigma*	*Thalassionema*	*Pleurosigma*	*Thalassionema*	*Thalassiothrix*	*Dinophysis*	*Thalassiothrix*	*Dinophysis*	*Thalassiothrix*	*Dinophysis*	
			Surirella	*Skeletonema*	*Surirella*	*Skeletonema*	*Cyclotella*	*Skeletonema*	*Pleurosigma*	*Thalassionema*	*Pleurosigma*	*Thalassionema*	*Cyclotella*	*Thalassionema*	
B			Zooplankton												
1	Abudance (Population)	noX10 3/ 100 m3	44		42		46		42		38		37		APHA (24rd Ed. 2023)10200 G
2	Name of Group Number and name of group species of each group		*Nitzschia*		*Nitzschia*		*Egg(Fish and Shrimps)*		*Egg(Fish and Shrimps)*		*Egg(Fish and Shrimps)*		*Egg(Fish and Shrimps)*		
			Pinnularia		*Pinnularia*		*Coscinodiscus*		*Oikoplura*		*Oikoplura*		*Oikoplura*		
			Odontella		*Odontella*		*Odontella*		*Copepods nauplii*		*Copepods nauplii*		*Copepods nauplii*		
			Dinophysis		*Dinophysis*		*Dinophysis*		*Crustacean*		*Crustacean*		*Crustacean*		
			Surirella		*Surirella*		*Bivalve Larvae*		*Bivalve Larvae*		*Bivalve Larvae*		*Bivalve Larvae*		
3	Total Biomass	ml/100 m^3	16.58		16.5		15.8		15.92		15.84		15.83		

Continue…

RESULTS OF MARINE WATER [M7 EAST PORT N 22°47'120" E 069°47'110"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM			
C			Microbiological												
1	Total Bacterial Count	CFU/ml	98		96		102		106		108		100		APHA 24th Ed.2023,9215 -C
2	Total Coliform	/100ml	28		24		27		30		26		25		APHA 24thEd.2023, 9222-B
3	E.coli	/100ml	10		10		10		10		12		11		IS :15185:2016
4	Enterococcus	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS:15186:2002
5	Salmonella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS:15187:2016
6	Shigella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		APHA 24thEd.2023, 9260-E
7	Vibrio	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS: 5887 (Part V):1976

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RESULTS OF MARINE WATER [M8 RIGHT SIDE OF BOCHA CREEK N 22°45'987" E 069°43'119"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
1.	pH	--	8.16	8.04	8.21	8.11	8.14	7.84	8.18	7.98	8.22	8.11	8.24	8.06	IS 3025(Part 11):2022
2.	Temperature	°C	29.3	29.2	29.2	29.1	28.8	28.7	28.6	28.5	28.7	28.6	28.6	28.5	IS 3025(Part 9):2023
3.	Total Suspended Solids	mg/L	142	118	162	142	150	126	154	122	126	114	146	122	APHA 24th Ed.,2023,2540- D
4.	BOD (3 Days @ 27°C)	mg/L	3.1	BDL(MDL: 1.0)	2.9	BDL(MDL: 1.0)	2.5	BDL(MDL: 1.0)	2.8	BDL(MDL: 1.0)	3.2	BDL(MDL: 1.0)	3.5	BDL(MDL: 1.0)	IS 3025(Part 44):2023
5.	Dissolved Oxygen	mg/L	6.94	6.73	6.8	6.6	6.64	6.44	6.83	6.63	6.84	6.65	6.69	6.49	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	35.81	36.88	35.86	36.51	35.72	36.29	35.62	36.38	35.66	36.44	36.75	36.81	By Calculation
7.	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)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	IS 3025(Part 39):2021
8.	Nitrate as NO_3	µmol/L	4.03	3.87	3.23	3.06	3.06	2.74	2.58	2.42	3.55	3.39	3.39	3.23	APHA 24th Ed.2023,4500 NO3-
9.	Nitrite as NO_2	µmol/L	0.261	0.239	0.217	0.196	0.174	0.13	0.152	0.13	0.239	0.217	0.261	0.239	APHA 24th Ed.2023,4500NO_2B
10.	Ammonical Nitrogen as NH_3	µmol/L	3.8	3.74	3.64	3.59	3.53	3.48	3.53	3.42	3.64	3.59	3.59	3.53	APHA 24th Ed.2023,4500-NH3
11.	Phosphates as PO_4	µmol/L	1.16	1.05	1.37	1.26	1.05	BDL(MDL: 0.4)	BDL(MDL: 0.4)	BDL(MDL: 0.4)	1.05	BDL(MDL: 0.4)	1.05	BDL(MDL: 0.4)	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	8.091	7.849	7.087	6.846	6.764	6.35	6.262	5.97	7.429	7.197	7.241	6.999	APHA 24th Ed.2023,4500 NH3
13.	Petroleum Hydrocarbon	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	APHA 24th ED.2023,5520 F
14.	Total Dissolved Solids	mg/L	35520	36340	35340	36104	35360	36210	36550	36354	35418	36210	35444	36324	IS 3025(Part 16):2023
15.	COD	mg/L	19.7	11.8	23.7	15.8	20.3	12.2	20	12	12	4	16	8	IS 3025(Part 58):2023

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RESULTS OF MARINE WATER [M8 RIGHT SIDE OF BOCHA CREEK N 22°45'987" E 069°43'119"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
A			Phytoplankton												
1.	Chlorophyll	mg/m^3	3.2	3.1	3.3	3.2	3.28	3.24	2.88	3.26	4.1	3.36	4.1	3.37	APHA (24th Ed. 2023)10200A-G
2.	Phaeophytin	mg/m^3	1.2	1.2	1.4	1.34	1.39	1.26	1.42	2.01	2	2.64	2	2.65	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10^3/L	112	100	110	96	122	98	110	86	98	88	98	87	APHA (24th Ed. 2023)10200A-G
4	Name of Group Number and name of group species of each group	--	*Odentella*	*Cyclotella*	*Odentella*	*Cyclotella*	*Odentella*	*Cyclotella*	*Nitzschia*	*Diploneis*	*Nitzschia*	*Diploneis*	*Nitzschia*	*Diploneis*	APHA (24th Ed. 2023)10200A-G
			Rhizosolenia	*Pinnularia*	*Rhizosolenia*	*Pinnularia*	*Rhizosolenia*	*Pinnularia*	*Grammatophora*	*Rhizosolenia*	*Grammatophora*	*Rhizosolenia*	*Grammatophora*	*Rhizosolenia*	
			Coscinodiscus	*Skeletonema*	*Coscinodiscus*	*Skeletonema*	*Coscinodiscus*	*Skeletonema*	*Diploneis*	*Nitzschia*	*Diploneis*	*Nitzschia*	*Diploneis*	*Nitzschia*	
			Grammatophora	*Thallassiosira*	*Grammatophora*	*Thallassiosira*	*Grammatophora*	*Thallassiosira*	*Thalassiothrix*	*Cyclotella*	*Thalassiothrix*	*Cyclotella*	*Thalassiothrix*	*Grammatophora*	
			Thallassiosira	*Thalassionema*	*Thallassiosira*	*Thalassionema*	*Thallassiosira*	*Thalassionema*	*Pleurosigma*	*Pleurosigma*	*Pleurosigma*	*Pleurosigma*	*Pleurosigma*	*Pleurosigma*	
B			Zooplankton												
1	Abudance(Population)	noX10 3/ 100 m3	36		39		28		30		42		41		APHA (24rd Ed. 2023)10200 G
2	Name of Group Number and name of group species of each group		*Coscinodiscus*		*Coscinodiscus*		*Odontella*		*Oikoplura*		*Oikoplura*		*Oikoplura*		
			Diploneis		*Egg(Fish and Shrimps)*		*Egg(Fish and Shrimps)*		*Copepods nauplii*		*Copepods nauplii*		*Egg(Fish and Shrimps)*		
			Rhizosolenia		*Rhizosolenia*		*Rhizosolenia*		*Crustacean Larvae*		*Crustacean Larvae*		*Crustacean Larvae*		
			Dinophysis		*Bivalve Larvae*		*Bivalve Larvae*		*Crustacean*		*Crustacean*		*Crustacean*		
			Thalassionema		*Thalassionema*		*Thalassionema*		*Bivalve Larvae*		*Bivalve Larvae*		*Bivalve Larvae*		
3	Total Biomass	ml/100 m^3	14.8		14.6		16.2		16.34		16.38		16.39		

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RESULTS OF MARINE WATER [M8 RIGHT SIDE OF BOCHA CREEK N 22°45'987" E 069°43'119"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM			
C			Microbiological												
1	Total Bacterial Count	CFU/ml	12		10		114		118		112		114		APHA 24th Ed.2023,9215 -C
2	Total Coliform	/100ml	16		12		10		12		10		11		APHA 24thEd.2023, 9222-B
3	E.coli	/100ml	8		6		4		6		4		5		IS :15185:2016
4	Enterococcus	/100ml	6		8		6		8		6		7		IS:15186:2002
5	Salmonella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS:15187:2016
6	Shigella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		APHA 24thEd.2023, 9260-E
7	Vibrio	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS: 5887 (Part V):1976

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RESULTS OF SEDIMENT ANALYSIS [M8 RIGHT SIDE OF BOCHA CREEK N 22°45'987" E 069°43'119"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	TEST METHOD
			SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
1.	Organic Matter	%	0.55	0.59	0.56	0.51	0.56	0.62	IS: 2720 (Part 22):1972
2.	Phosphorus as P	µg/g	590.4	610.2	612.4	594.2	602	594	IS: 10158 :1982, Method B
3.	Texture	--	Sandy	Sandy	Sandy	Sandy	Sandy	Sandy	Lab SOP No. UERL/CHM/LTM/108
4.	Petroleum Hydrocarbon	µg/g	ND	ND	ND	ND	ND	ND	APHA 24th Ed.2023,5520 F
5.0	Heavy Metals								
5.1	Aluminum as Al	%	3.74	3.65	3.44	3.28	3.24	3.36	IS3025(Part 55):2003
5.2	Total Chromium as Cr+3	µg/g	134.2	132.2	128.5	114.2	132.4	134.2	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.3	Manganese as Mn	µg/g	588.6	604.2	610.5	596.3	602.5	564.2	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.4	Iron as Fe	%	3.75	3.62	3.48	3.42	3.38	3.21	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.5	Nickel as Ni	µg/g	44.2	48.1	46.2	44.5	41.6	44.5	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.6	Copper as Cu	µg/g	52.2	55.4	52.8	51.1	50.4	42.4	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.7	Zinc as Zn	µg/g	109.5	110.6	121.4	109.2	110.8	126.4	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.8	Lead as Pb	µg/g	1.65	1.59	1.44	1.06	1.12	1.19	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.9	Mercury as Hg	µg/g	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	EPA 7471B (Extraction &Analytical Method) :2007

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RESULTS OF SEDIMENT ANALYSIS [M8 RIGHT SIDE OF BOCHA CREEK N 22°45'987" E 069°43'119"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	TEST METHOD
			SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
D			Benthic Organisms						
1	Macrobenthos	--	*Polychates*	*Gastropods*	*Gastropods*	*Polychates*	*Polychates*	*Polychates*	APHA (24th Ed. 2023)10500
			Decapods Larvae	*Decapods Larvae*	*Decapods Larvae*	*Amphipods*	*Amphipods*	*Amphipods*	
			Isopods	*Isopods*	*Isopods*	*Isopods*	*Isopods*	*Sipunculids*	
			Sipunculids	*Sipunculids*	*Sipunculids*	*Sipunculids*	*Herpectacoids*	*Herpectacoids*	
2	MeioBenthos	--	*Herpectacoids*	*Herpectacoids*	*Herpectacoids*	*Foraminiferan*	*Foraminiferan*	*Foraminiferan*	
			Turbellarians	*Turbellarians*	Turbellarians	Turbellarians	Turbellarians	*Turbellarians*	
3	Population	no/m²	362	360	352	350	340	342	

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RESULTS OF MARINE WATER [M11 MPT T1 JETTY N 22°42'278" E 069°43'450"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
1.	pH	--	8.24	8.09	8.11	7.98	8.14	8.01	8.19	8.05	8.24	8.12	8.21	8.07	IS 3025 (Part 11):2022
2.	Temperature	°C	29.3	29.2	29.2	29.1	28.8	28.7	28.6	28.5	28.7	28.6	28.6	28.5	IS 3025 (Part 9):2023
3.	Total Suspended Solids	mg/L	152	114	122	106	118	96	120	90	114	96	138	120	APHA 24th Ed.,2023,2540- D
4.	BOD (3 Days @ 27°C)	mg/L	3	BDL(MDL: 1.0)	3.1	BDL(MDL: 1.0)	3.3	BDL(MDL: 1.0)	2.9	BDL(MDL: 1.0)	3.4	BDL(MDL: 1.0)	2.7	BDL(MDL: 1.0)	IS 3025 (Part 44):2023
5.	Dissolved Oxygen	mg/L	6.63	6.53	6.5	6.4	6.34	6.25	6.53	6.43	6.55	6.45	6.4	6.3	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	36.22	36.79	36.09	36.71	36.14	36.82	35.78	36.92	35.82	37.02	35.74	37.15	By Calculation
7.	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)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	BDL(MDL: 2.0)	IS 3025 (Part 39):2021
8.	Nitrate as NO_3	µmol/L	3.55	3.39	3.39	3.23	3.23	2.9	2.74	2.58	3.06	2.9	2.9	2.74	APHA 24th Ed. 2023,4500 NO3-B
9.	Nitrite as NO_2	µmol/L	0.304	0.283	0.261	0.239	0.13	0.109	0.196	0.174	0.283	0.261	0.304	0.283	APHA 24th Ed.2023,4500NO_2B
10.	Ammonical Nitrogen as NH_3	µmol/L	3.85	3.8	3.74	3.69	3.8	3.69	3.53	3.42	3.69	3.64	3.48	3.42	APHA 24th Ed. 2023,4500- NH3 B
11.	Phosphates as PO_4	µmol/L	BDL(MDL: 0.4)	1.05	1.26	1.16	1.16	BDL(MDL: 0.4)	1.26	1.16	1.37	1.26	1.26	1.16	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	7.704	7.473	7.391	7.159	7.16	6.699	6.466	6.174	7.033	6.801	6.684	6.443	APHA 24th Ed. 2023,4500 NH3 - B
13.	Petroleum Hydrocarbon	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	APHA 24th ED.2023,5520 F
14.	Total Dissolved Solids	mg/L	35360	36180	36222	36020	36280	36220	36190	37160	36090	36940	35860	36746	IS 3025(Part 16):2023
15.	COD	mg/L	19.7	15.7	23.7	19.7	20.3	16.2	16	12	8	4	12	8	IS 3025(Part 58):2023

Continue…

RESULTS OF MARINE WATER [M11 MPT T1 JETTY N 22°42'278" E 069°43'450"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
A			Phytoplankton												
1.	Chlorophyll	mg/m³	2.3	2..5	2.4	2.4	3.01	2.24	3.15	2.42	3.56	3.01	3.54	3.02	APHA (24th Ed. 2023)10200A-G
2.	Phaeophytin	mg/m³	2.4	1.5	2.2	1.46	2.47	1.46	2.45	1.38	2.2	2.31	2.2	2.32	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10³/L	130	115	132	116	134	114	133	124	120	126	122	127	APHA (24th Ed. 2023)10200A-G
4	Name of Group Number and name of group species of each group	--	*Dinophysis*	*Navicula*	*Odontella*	*Cyclotella*	*Cyclotella*	*Surirella*	*Odontella*	*Nitzschia*	*Odontella*	*Nitzschia*	*Odontella*	*Nitzschia*	APHA (24th Ed. 2023)10200A-G
			Pinnularia	*Skeletonema*	*Rhizosolenia*	*Pinnularia*	*Pinnularia*	*Skeletonema*	*Rhizosolenia*	*Pinnularia*	*Rhizosolenia*	*Pinnularia*	*Rhizosolenia*	*Pinnularia*	
			Thalassiothrix	*Rhizosolenia*	*Coscinodiscus*	*Skeletonema*	*Thalassiothrix*	*Rhizosolenia*	*Coscinodiscus*	*Odontella*	*Coscinodiscus*	*Odontella*	*Coscinodiscus*	*Odontella*	
			Grammatophora	*Dinophysis*	*Grammatophora*	*Thallassiosira*	*Rhizosolenia*	*Cyclotella*	*Grammatophora*	*Dinophysis*	*Grammatophora*	*Dinophysis*	*Pleurosigma*	*Dinophysis*	
			Ceratium	*Thalassionema*	*Thallassiosira*	*Thalassionema*	*Ceratium*	*Thalassionema*	*Thallassiosira*	*Surirella*	*Thallassiosira*	*Surirella*	*Thallassiosira*	*Surirella*	

B	Zooplankton								
1	Abudance(Population)	noX103/ 100 m3	30	34	32	38	40	42	APHA (24rd Ed. 2023)10200 G
2	Name of Group Number and name of group species of each group		*Diploneis*	*Diploneis*	*Diploneis*	*Decapoda*	*Decapoda*	*Decapoda*	
			Rhizosolenia	*Rhizosolenia*	*Rhizosolenia*	*Copepods*	*Copepods*	*Oikoplura*	
			Nitzschia	*Nitzschia*	*Nitzschia*	*Crustacean Larvae*	*Crustacean Larvae*	*Crustacean Larvae*	
			Thalassiothrix	*Coscinodiscus*	*Coscinodiscus*	*Crustacean*	*Crustacean*	*Bivalve Larvae*	
			Pleurosigma	*Pleurosigma*	*Pleurosigma*	*Oikoplura*	*Oikoplura*	*Oikoplura*	
3	Total Biomass	ml/100 m³	15.25	14.02	12.83	13.22	13.42	13.41	

Continue…

RESULTS OF MARINE WATER [M11 MPT T1 JETTY N 22°42'278" E 069°43'450"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM			
C			Microbiological												
1	Total Bacterial Count	CFU/ml	230		226		216		204		194		198		APHA 24th Ed.2023,9215 -C
2	Total Coliform	/100ml	40		32		36		28		30		32		APHA 24thEd.2023, 9222-B
3	E.coli	/100ml	36		34		30		34		24		26		IS :15185:2016
4	Enterococcus	/100ml	10		8		10		4		6		5		IS:15186:2002
5	Salmonella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS:15187:2016
6	Shigella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		APHA 24thEd.2023, 9260-E
7	Vibrio	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS: 5887 (Part V):1976

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RESULTS OF MARINE WATER [M12 SPM N 22°40'938" E 069°39'191"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
1.	pH	--	8.14	8.01	8.25	8.07	8.22	8.12	8.17	7.96	8.21	8.08	8.14	8.01	IS 3025 (Part 11):2022
2.	Temperature	°C	29.3	29.2	29.2	29.1	28.9	28.8	28.7	28.6	28.6	28.5	28.5	28.4	IS 3025 (Part 9):2023
3.	Total Suspended Solids	mg/L	140	122	158	144	144	102	128	114	148	126	158	126	APHA 24th Ed.,2023,2540- D
4.	BOD (3 Days @ 27°C)	mg/L	3	BDL(MDL :1.0)	2.8	BDL(MDL :1.0)	3.2	BDL(MDL :1.0)	2.7	BDL(MDL :1.0)	3.5	BDL(MDL :1.0)	2.9	BDL(MDL :1.0)	IS 3025 (Part 44):2023
5.	Dissolved Oxygen	mg/L	6.83	6.73	6.7	6.6	6.54	6.44	6.73	6.63	6.75	6.65	6.59	6.49	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	36.32	37.02	36.08	36.92	35.96	37.05	36.02	37.12	36.18	37.14	36.22	37.26	By Calculation
7.	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)	BDL(MDL :2.0)	BDL(MDL :2.0)	BDL(MDL :2.0)	BDL(MDL :2.0)	BDL(MDL :2.0)	BDL(MDL :2.0)	IS 3025 (Part 39):2021
8.	Nitrate as NO_3	µmol/L	2.74	2.58	2.9	2.74	3.23	3.06	2.74	2.58	3.23	3.06	3.39	3.06	APHA 24th Ed. 2023,4500 NO3-B
9.	Nitrite as NO_2	µmol/L	0.261	0.239	0.217	0.196	0.196	0.174	0.152	0.13	0.196	0.174	0.217	0.196	APHA 24th Ed.2023,4500NO_2B
10.	Ammonical Nitrogen as NH_3	µmol/L	3.95	3.85	3.8	3.74	3.85	3.74	3.74	3.69	3.53	3.48	3.64	3.59	APHA 24th Ed. 2023,4500- NH3 B
11.	Phosphates as PO_4	µmol/L	1.58	1.47	1.16	BDL(MDL :0.4)	1.37	1.26	1.47	1.37	BDL(MDL :0.4)	BDL(MDL :0.4)	1.05	BDL(MDL :0.4)	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	6.951	6.669	6.917	6.676	7.276	6.974	6.632	6.4	6.956	6.714	7.247	6.846	APHA 24th Ed. 2023,4500 NH3 - B
13.	Petroleum Hydrocarbon	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	APHA 24th ED.2023,5520 F
14.	Total Dissolved Solids	mg/L	36240	37120	36118	36940	36240	37120	36324	37094	36340	37110	36216	37080	IS 3025(Part 16):2023
15.	COD	mg/L	27.5	23.6	31.6	27.6	24.3	20.3	28	24	20	16	24	20	IS 3025(Part 58):2023

Continue…

RESULTS OF MARINE WATER [M12 SPM N 22°40'938" E 069°39'191"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
A			Phytoplankton												
1.	Chlorophyll	mg/m³	2.1	2.5	2.12	2.6	2.18	2.48	2.22	2.5	3	3.22	4	3.21	APHA (24th Ed. 2023)10200A-G
2.	Phaeophytin	mg/m³	1.15	1.55	1.22	1.6	1.29	1.52	1.32	1.66	2	2.64	3	2.65	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10³/L	79	130	80	132	84	130	92	136	96	130	97	133	APHA (24th Ed. 2023)10200A-G
4	Name of Group Number and name of group species of each group	--	*Ceratium*	*Melosira*	*Ceratium*	*Rhizosolenia*	*Surirella*	*Rhizosolenia*	*Skeletonema*	*Odontella*	*Skeletonema*	*Odontella*	*Skeletonema*	*Odontella*	APHA (24th Ed. 2023)10200A-G
			Pinnularia	*Dinophysis*	*Pinnularia*	*Dinophysis*	*Pinnularia*	*Dinophysis*	*Grammatophora*	*Rhizosolenia*	*Grammatophora*	*Rhizosolenia*	*Grammatophora*	*Rhizosolenia*	
			Odontella	*Skeletonema*	*Odontella*	*Skeletonema*	*Grammatophora*	*Skeletonema*	*Nitzschia*	*Coscinodiscus*	*Nitzschia*	*Coscinodiscus*	*Nitzschia*	*Coscinodiscus*	
			Thalassiothrix	*Thallassiosira*	*Thalassiothrix*	*Thallassiosira*	*Thalassiothrix*	*Thallassiosira*	*Thalassiothrix*	*Grammatophora*	*Thalassiothrix*	*Grammatophora*	*Coscinodiscus*	*Pinnularia*	
			Thallassiosira	*Thalassionema*	*Thallassiosira*	*Melosira*	*Rhizosolenia*	*Melosira*	*Pleurosigma*	*Thallassiosira*	*Pleurosigma*	*Thallassiosira*	*Pleurosigma*	*Thallassiosira*	
B			Zooplankton												
1	Abudance (Population)	noX10 3/ 100 m3	75		72		74		80		86		88		APHA (24rd Ed. 2023)10200 G
2	Name of Group Number and name of group species of each group		*Nitzschia*		*Nitzschia*		*Nitzschia*		*Copepods*		*Copepods*		*Copepods*		
			Grammatophora		*Grammatophora*		*Grammatophora*		*Oikoplura*		*Oikoplura*		*Oikoplura*		
			Diploneis		*Diploneis*		*Egg(Fish and Shrimps)*		*Crustacean Larvae*		*Crustacean Larvae*		*Crustacean Larvae*		
			Thalassiothrix		*Thalassiothrix*		*Thalassiothrix*		*Crustacean*		*Crustacean*		*Crustacean*		
			Pleurosigma		*Pleurosigma*		*Pleurosigma*		*Bivalve Larvae*		*Bivalve Larvae*		*Egg(Fish and Shrimps)*		
3	Total Biomass	ml/100 m³	14.5		15		16		15.96		15.86		15.87		

Continue…

RESULTS OF MARINE WATER [M12 SPM N 22°40'938" E 069°39'191"]

SR. NO.	TEST PARAMETERS	UNIT	Oct-25		Nov-25		Dec-25		Jan-26		Feb-26		Mar-26		TEST METHOD
			SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM			
C			Microbiological												
1	Total Bacterial Count	CFU/ml	250		246		238		228		228		226		APHA 24th Ed.2023,9215 -C
2	Total Coliform	/100ml	45		44		50		48		48		51		APHA 24thEd.2023, 9222-B
3	E.coli	/100ml	48		42		40		46		46		43		IS :15185:2016
4	Enterococcus	/100ml	32		30		20		22		22		21		IS:15186:2002
5	Salmonella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS:15187:2016
6	Shigella	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		APHA 24thEd.2023, 9260-E
7	Vibrio	/100ml	Absent		Absent		Absent		Absent		Absent		Absent		IS: 5887 (Part V):1976

UNISTAR ENVIRONMENT & RESEARCH LABS PVT. LTD. GUJARAT VAPI.

Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

RESULTS OF ETP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	LIQUID TERMINAL						GPCB Limit	TEST METHOD
			Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26		
			08-10-2025	04-11-2025	01-12-2025	12-01-2026	02-02-2026	02-03-2026		
1	pH @ 27 ° C	--	7.39	6.84	7	6.94	6.81	7.24	6.5 to 8.5	IS 3025(Part 11):2022
2	Temperature	^{0}C	29.5	29	29	29.5	28	28	40	IS 3025(Part 9):2023
3	Colour	Pt. Co. Scale	50	50	60	50	60	50	100	IS 3025(Part 4):2021
4	Total Suspended Solids	mg/L	52	46	56	88	72	68	100	APHA 24th Ed.2023,2540 –D
5	Oil & Grease	mg/L	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	10	IS 3025(Part 39):2021
6	Ammonical Nitrogen	mg/L	32.1	28.4	34.5	22.6	18.4	26.8	50	IS 3025(Part 34):1988,
7	BOD (3 days at 27 ^{0}C)	mg/L	24	26	27	25	24	21	30	IS 3025(Part 44):2023
8	COD	mg/L	80.1	84.2	88.5	85.5	82	72.4	100	IS 3025(Part 58):2023
9	Chloride (as Cl) $^-$	mg/L	410	477.4	274.6	318.2	246.6	260.6	600	IS 3025(Part 32):1988
10	Sulphate (as SO_4)	mg/L	58	42	36	29.4	38	34	1000	IS 3025(Part 24):2022
11	Total Dissolved Solids	mg/L	1090	1130	980	660	776	596	2100	APHA 24th Ed.2023,2540- C
12	Percent Sodium	%	46.81	46.79	46.18	47.3	46.67	47.09	60	By Calculation
13	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

Continue…

SR. NO.	TEST PARAMETERS	UNIT	LIQUID TERMINAL						GPCB Limit	TEST METHOD
			Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26		
			08-10-2025	04-11-2025	01-12-2025	12-01-2026	02-02-2026	02-03-2026		
14	Sulphide as S	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)	5	APHA 24th Ed.2023,4500 S^{-2} F
15	Sodium Absorption ratio	--	2.80	2.91	2.8	2.9	3.2	2.2	26	By Calculation
16	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)	--	IS 3025(Part 42):1992
17	Lead as Pb	mg/L	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	--	APHA 24th Ed.2023,3111-B
18	Cadmium as Cd	mg/L	BDL(MDL:0.003)	BDL(MDL:0.003)	BDL(MDL:0.003)	BDL(MDL:0.003)	BDL(MDL:0.003)	BDL(MDL:0.003)	--	APHA 24th Ed.2023,3111-B
19	Fluoride as F	mg/L	0.65	0.66	0.58	0.46	0.45	0.52	--	APHA 24th Ed.2023,4500 F, D
20	Residual Chlorine	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)	--	APHA 24th Ed.2023,4500-Cl-G

UNISTAR ENVIRONMENT & RESEARCH LABS PVT. LTD. * GUJARAT VAPI.

Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

Results of Ambient Air Quality Monitoring

Name of Location		CT3 RMU-2						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
1.	02-10-2025	71.93	28.42	26.73	30.25	0.69	--	NOT DETECTED
2.	06-10-2025	68.69	27.61	24.37	29.15	0.73	4.35	NOT DETECTED
3.	09-10-2025	74.39	30.49	29.67	35.11	0.78	4.52	NOT DETECTED
4.	13-10-2025	70.84	28.75	27.53	32.48	0.70	4.48	NOT DETECTED
5.	16-10-2025	67.13	26.14	25.56	29.43	0.61	4.4	NOT DETECTED
6.	20-10-2025	65.49	25.64	23.53	27.31	0.56	4.38	NOT DETECTED
7.	23-10-2025	71.12	29.17	28.79	32.55	0.72	4.47	NOT DETECTED
8.	27-10-2025	63.87	24.35	23.14	27.38	0.64	4.25	NOT DETECTED
9.	30-10-2025	66.58	26.84	27.25	33.21	0.70	4.36	NOT DETECTED
10.	03-11-2025	65.47	27.53	25.18	31.27	0.61	4.29	NOT DETECTED
11.	06-11-2025	68.85	28.91	27.48	32.91	0.70	4.38	NOT DETECTED
12.	10-11-2025	73.26	32.47	30.89	35.74	0.83	4.62	NOT DETECTED
13.	13-11-2025	71.75	30.48	28.63	33.26	0.75	4.67	NOT DETECTED
14.	17-11-2025	74.17	33.08	31.16	36.72	0.64	4.72	NOT DETECTED
15.	20-11-2025	70.17	29.73	26.54	31.24	0.69	4.66	NOT DETECTED

Continue…

Name of Location		CT3 RMU-2						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
16.	24-11-2025	67.57	26.48	24.17	29.59	0.57	4.54	NOT DETECTED
17.	27-11-2025	72.96	31.67	28.94	32.64	0.72	4.63	NOT DETECTED
18.	01-12-2025	75.69	33.47	30.14	36.31	0.75	4.61	NOT DETECTED
19.	04-12-2025	78.42	37.58	34.59	40.38	0.86	4.75	NOT DETECTED
20.	08-12-2025	73.48	30.15	27.83	33.64	0.68	4.72	NOT DETECTED
21.	11-12-2025	71.94	28.58	25.63	30.27	0.62	4.65	NOT DETECTED
22.	15-12-2025	75.48	34.72	32.16	37.58	0.67	4.78	NOT DETECTED
23.	18-12-2025	79.63	38.14	36.96	41.25	0.72	4.83	NOT DETECTED
24.	22-12-2025	77.14	35.63	32.36	38.27	0.86	4.8	NOT DETECTED
25.	25-12-2025	71.39	29.78	26.85	32.24	0.7	4.69	NOT DETECTED
26.	29-12-2025	74.38	32.63	30.14	35.79	0.77	4.72	NOT DETECTED
27.	01-01-2026	72.38	31.82	28.71	33.92	0.75	--	NOT DETECTED
28.	05-01-2026	75.93	34.63	31.37	36.74	0.81	4.78	NOT DETECTED
29.	08-01-2026	78.93	37.24	34.94	38.15	0.88	4.83	NOT DETECTED
30.	12-01-2026	76.13	33.92	32.67	35.89	0.77	4.73	NOT DETECTED
31.	15-01-2026	72.38	30.17	27.64	32.16	0.71	4.67	NOT DETECTED

Continue…

Name of Location		CT3 RMU-2						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
32.	19-01-2026	70.73	27.57	24.35	28.83	0.63	4.57	NOT DETECTED
33.	22-01-2026	74.61	32.48	29.83	33.46	0.68	4.62	NOT DETECTED
34.	26-01-2026	67.92	27.31	25.42	31.19	0.60	4.48	NOT DETECTED
35.	29-01-2026	71.45	30.64	27.63	33.42	0.67	4.66	NOT DETECTED
36.	02-02-2026	75.84	29.73	26.17	32.63	0.71	4.74	NOT DETECTED
37.	05-02-2026	79.13	32.45	29.18	35.6	0.83	4.86	NOT DETECTED
38.	09-02-2026	76.49	28.16	28.63	31.75	0.77	4.64	NOT DETECTED
39.	12-02-2026	73.28	25.36	25.14	30.48	0.65	4.57	NOT DETECTED
40.	16-02-2026	69.85	23.96	20.68	25.24	0.62	4.5	NOT DETECTED
41.	19-02-2026	74.38	26.79	24.36	29.18	0.73	4.68	NOT DETECTED
42.	23-02-2026	78.84	30.13	27.78	34.57	0.82	4.76	NOT DETECTED
43.	26-02-2026	80.13	34.28	30.14	36.42	0.87	4.88	NOT DETECTED
44.	02-03-2026	82.37	33.48	31.29	37.48	0.83	4.81	NOT DETECTED
45.	05-03-2026	84.39	36.12	35.41	41.38	0.91	4.86	NOT DETECTED
46.	09-03-2026	81.94	31.72	29.57	33.26	0.87	4.76	NOT DETECTED
47.	12-03-2026	78.74	28.46	25.34	31.67	0.78	4.65	NOT DETECTED

Continue…

Name of Location		CT3 RMU-2						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
48.	16-03-2026	80.13	30.89	27.61	33.24	0.8	4.71	NOT DETECTED
49.	19-03-2026	72.48	25.46	23.89	28.84	0.67	4.55	NOT DETECTED
50.	23-03-2026	75.69	27.12	25.68	31.24	0.72	4.62	NOT DETECTED
51.	26-03-2026	77.69	28.32	24.86	29.63	0.76	4.7	NOT DETECTED
52.	30-03-2026	79.53	31.27	28.74	33.69	0.84	4.78	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**

Rajnish D. Gohil
(Chemist)

UNISTAR ENVIRONMENT & RESEARCH LABS PVT. LTD. * GUJARAT VAPI.

Jaivik S. Tandel
(Manager - Operations)

Results of Ambient Air Quality Monitoring

Name of Location		Near Fire Station						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
1.	02-10-2025	65.48	27.73	22.67	27.13	0.60	--	NOT DETECTED
2.	06-10-2025	67.43	28.19	25.14	30.95	0.66	2.55	NOT DETECTED
3.	09-10-2025	70.48	31.25	28.82	33.12	0.72	2.64	NOT DETECTED
4.	13-10-2025	73.28	34.13	29.53	35.74	0.77	2.71	NOT DETECTED
5.	16-10-2025	71.26	30.45	28.11	32.17	0.68	2.68	NOT DETECTED
6.	20-10-2025	67.58	27.63	25.46	29.53	0.58	2.62	NOT DETECTED
7.	23-10-2025	70.59	28.47	26.4	31.45	0.63	2.65	NOT DETECTED
8.	27-10-2025	73.28	31.14	29.45	33.28	0.68	2.73	NOT DETECTED
9.	30-10-2025	68.69	26.57	25.76	29.55	0.60	2.67	NOT DETECTED
10.	03-11-2025	67.14	25.83	23.49	26.9	0.47	2.43	NOT DETECTED
11.	06-11-2025	63.28	21.49	19.87	23.26	0.35	2.31	NOT DETECTED
12.	10-11-2025	66.59	24.35	23.64	27.46	0.43	2.38	NOT DETECTED
13.	13-11-2025	75.48	30.74	27.85	32.13	0.65	2.6	NOT DETECTED
14.	17-11-2025	71.39	28.71	25.36	28.47	0.69	2.54	NOT DETECTED
15.	20-11-2025	65.52	26.47	24.36	29.12	0.57	2.49	NOT DETECTED

Continue…

Name of Location		Near Fire Station						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
16.	24-11-2025	69.54	28.15	27.92	33.24	0.59	2.63	NOT DETECTED
17.	27-11-2025	72.39	32.35	30.29	34.86	0.64	2.65	NOT DETECTED
18.	01-12-2025	70.73	29.48	27.39	32.36	0.6	2.59	NOT DETECTED
19.	04-12-2025	67.59	28.16	25.37	30.83	0.54	2.54	NOT DETECTED
20.	08-12-2025	64.38	25.47	23.15	27.84	0.47	2.49	NOT DETECTED
21.	11-12-2025	63.18	23.28	22.19	26.72	0.38	2.5	NOT DETECTED
22.	15-12-2025	65.49	26.93	24.38	29.56	0.48	2.54	NOT DETECTED
23.	18-12-2025	68.59	28.16	26.48	31.25	0.58	2.59	NOT DETECTED
24.	22-12-2025	72.36	31.25	29.63	34.57	0.73	2.64	NOT DETECTED
25.	25-12-2025	70.64	29.78	27.52	33.29	0.64	2.68	NOT DETECTED
26.	29-12-2025	66.49	26.37	24.11	29.64	0.59	2.55	NOT DETECTED
27.	01-01-2026	65.94	24.82	22.36	26.25	0.5	--	NOT DETECTED
28.	05-01-2026	68.82	26.43	25.91	29.14	0.53	2.62	NOT DETECTED
29.	08-01-2026	63.98	22.61	20.56	24.73	0.45	2.54	NOT DETECTED
30.	12-01-2026	60.84	19.57	18.92	22.39	0.49	2.51	NOT DETECTED
31.	15-01-2026	63.92	21.27	20.76	24.53	0.52	2.57	NOT DETECTED

Continue…

Name of Location		Near Fire Station						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
32.	19-01-2026	65.84	24.75	22.43	27.12	0.62	2.56	NOT DETECTED
33.	22-01-2026	69.17	27.53	26.16	30.69	0.65	2.63	NOT DETECTED
34.	26-01-2026	64.37	23.63	21.91	24.63	0.61	2.6	NOT DETECTED
35.	29-01-2026	67.59	25.18	23.84	26.38	0.58	2.65	NOT DETECTED
36.	02-02-2026	70.82	27.73	25.35	30.15	0.61	2.62	NOT DETECTED
37.	05-02-2026	72.38	28.13	27.58	33.26	0.7	2.76	NOT DETECTED
38.	09-02-2026	67.85	25.47	22.14	27.85	0.65	2.58	NOT DETECTED
39.	12-02-2026	64.37	24.39	24.13	29.43	0.57	2.51	NOT DETECTED
40.	16-02-2026	63.48	22.16	20.81	25.31	0.53	2.44	NOT DETECTED
41.	19-02-2026	66.89	25.47	21.64	26.97	0.59	2.54	NOT DETECTED
42.	23-02-2026	72.35	28.13	26.57	31.26	0.72	2.74	NOT DETECTED
43.	26-02-2026	64.18	23.41	21.35	26.66	0.64	2.65	NOT DETECTED
44.	02-03-2026	66.84	20.17	17.94	22.18	0.67	2.61	NOT DETECTED
45.	05-03-2026	69.94	23.46	22.83	26.57	0.73	2.68	NOT DETECTED
46.	09-03-2026	74.63	27.84	25.46	31.29	0.8	2.74	NOT DETECTED
47.	12-03-2026	71.28	24.36	21.47	25.19	0.75	2.71	NOT DETECTED

Continue…

Name of Location		Near Fire Station						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
48.	16-03-2026	65.84	20.01	17.59	21.4	0.68	2.68	NOT DETECTED
49.	19-03-2026	63.82	17.54	16.48	19.86	0.54	2.6	NOT DETECTED
50.	23-03-2026	68.95	19.89	17.35	21.34	0.59	2.65	NOT DETECTED
51.	26-03-2026	70.19	23.46	21.15	26.74	0.63	2.73	NOT DETECTED
52.	30-03-2026	74.37	24.38	22.13	26.49	0.69	2.77	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**

Rajnish D. Gohil
(Chemist)

UNISTAR ENVIRONMENT & RESEARCH LABS PVT. LTD. * GUJARAT VAPI.

Jaivik S. Tandel
(Manager - Operations)

Results of Ambient Air Quality Monitoring

Name of Location		ADANI PORT – TUG Berth 600 KL Pupm House						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
1.	02-10-2025	69.53	29.48	27.93	31.64	0.65	--	NOT DETECTED
2.	06-10-2025	72.38	33.27	30.19	24.37	0.74	3.65	NOT DETECTED
3.	09-10-2025	75.69	36.12	35.76	40.13	0.81	3.74	NOT DETECTED
4.	13-10-2025	71.29	31.48	32.45	37.84	0.72	3.61	NOT DETECTED
5.	16-10-2025	77.69	37.58	37.11	42.52	0.78	3.83	NOT DETECTED
6.	20-10-2025	74.39	34.26	32.5	37.59	0.70	3.81	NOT DETECTED
7.	23-10-2025	70.91	29.58	27.64	31.29	0.64	3.73	NOT DETECTED
8.	27-10-2025	65.48	27.57	24.15	29.73	0.61	3.64	NOT DETECTED
9.	30-10-2025	73.26	31.35	28.66	33.41	0.70	3.68	NOT DETECTED
10.	03-11-2025	72.39	33.62	30.86	36.14	0.76	3.74	NOT DETECTED
11.	06-11-2025	70.91	31.55	29.14	33.72	0.68	3.64	NOT DETECTED
12.	10-11-2025	73.48	36.29	33.65	38.82	0.73	3.7	NOT DETECTED
13.	13-11-2025	68.58	28.55	26.95	31.45	0.65	3.61	NOT DETECTED
14.	17-11-2025	65.49	27.15	25.46	30.37	0.55	3.54	NOT DETECTED
15.	20-11-2025	70.93	31.49	30.18	35.31	0.68	3.66	NOT DETECTED

Continue…

Name of Location		ADANI PORT – TUG Berth 600 KL Pupm House						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
16.	24-11-2025	73.28	34.36	33.15	37.28	0.83	3.85	NOT DETECTED
17.	27-11-2025	67.59	29.87	27.83	32.45	0.62	3.62	NOT DETECTED
18.	01-12-2025	65.58	27.39	25.91	29.73	0.59	3.5	NOT DETECTED
19.	04-12-2025	68.85	28.13	26.58	30.47	0.55	3.58	NOT DETECTED
20.	08-12-2025	72.36	32.63	30.28	34.56	0.64	3.65	NOT DETECTED
21.	11-12-2025	76.59	36.58	34.62	38.16	0.77	3.72	NOT DETECTED
22.	15-12-2025	73.27	33.19	32.51	37.48	0.70	3.71	NOT DETECTED
23.	18-12-2025	70.18	30.72	28.38	33.16	0.64	3.66	NOT DETECTED
24.	22-12-2025	72.36	31.13	29.57	33.17	0.66	3.62	NOT DETECTED
25.	25-12-2025	75.19	34.58	33.25	37.29	0.71	3.69	NOT DETECTED
26.	29-12-2025	70.12	29.84	27.47	32.15	0.60	3.58	NOT DETECTED
27.	01-01-2026	67.86	28.14	24.94	28.75	0.54	--	NOT DETECTED
28.	05-01-2026	64.83	25.42	23.37	26.91	0.46	3.55	NOT DETECTED
29.	08-01-2026	69.37	29.48	27.76	33.21	0.58	3.62	NOT DETECTED
30.	12-01-2026	72.38	32.63	30.14	34.75	0.72	3.66	NOT DETECTED
31.	15-01-2026	67.68	30.17	27.53	32.38	0.66	3.6	NOT DETECTED

Continue…

Name of Location		ADANI PORT – TUG Berth 600 KL Pupm House						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
32.	19-01-2026	71.83	34.11	31.52	35.64	0.69	3.7	NOT DETECTED
33.	22-01-2026	66.94	29.73	26.84	30.78	0.61	3.66	NOT DETECTED
34.	26-01-2026	63.48	27.91	25.14	29.53	0.58	3.59	NOT DETECTED
35.	29-01-2026	61.93	26.79	24.88	28.15	0.55	3.57	NOT DETECTED
36.	02-02-2026	63.89	25.37	23.16	27.41	0.46	3.38	NOT DETECTED
37.	05-02-2026	66.58	27.12	24.59	29.83	0.52	3.46	NOT DETECTED
38.	09-02-2026	69.85	28.93	26.37	31.47	0.6	3.52	NOT DETECTED
39.	12-02-2026	67.14	26.31	24.36	28.63	0.56	3.45	NOT DETECTED
40.	16-02-2026	65.4	24.39	21.95	25.38	0.67	3.59	NOT DETECTED
41.	19-02-2026	73.81	28.78	26.84	31.57	0.73	3.64	NOT DETECTED
42.	23-02-2026	68.75	26.57	25.24	31.63	0.62	3.56	NOT DETECTED
43.	26-02-2026	70.13	30.42	27.85	32.94	0.69	3.7	NOT DETECTED
44.	02-03-2026	73.48	26.17	25.94	31.82	0.65	3.63	NOT DETECTED
45.	05-03-2026	71.37	23.4	21.36	27.64	0.58	3.58	NOT DETECTED
46.	09-03-2026	76.95	27.83	24.73	30.18	0.68	3.61	NOT DETECTED
47.	12-03-2026	79.63	30.16	28.69	34.26	0.72	3.71	NOT DETECTED

Continue…

Name of Location		ADANI PORT – TUG Berth 600 KL Pupm House						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
48.	16-03-2026	71.83	24.93	22.37	28.63	0.66	3.65	NOT DETECTED
49.	19-03-2026	65.84	21.36	20.19	26.51	0.57	3.56	NOT DETECTED
50.	23-03-2026	69.83	23.47	22.76	27.69	0.6	3.57	NOT DETECTED
51.	26-03-2026	73.82	27.64	26.35	31.24	0.64	3.66	NOT DETECTED
52.	30-03-2026	71.89	25.47	23.89	29.76	0.57	3.62	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**

Rajnish D. Gohil
(Chemist)

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Jaivik S. Tandel
(Manager - Operations)

Results of Ambient Air Quality Monitoring

Name of Location		PUB / Adani House						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
1.	02-10-2025	58.48	17.36	13.98	17.32	0.43	--	NOT DETECTED
2.	06-10-2025	62.38	19.52	14.36	8.14	0.52	2.31	NOT DETECTED
3.	09-10-2025	65.47	23.41	17.15	20.47	0.58	3.38	NOT DETECTED
4.	13-10-2025	59.49	17.11	15.87	18.34	0.47	2.28	NOT DETECTED
5.	16-10-2025	56.48	15.83	14.52	17.59	0.43	2.25	NOT DETECTED
6.	20-10-2025	60.52	18.72	17.38	22.92	0.50	2.35	NOT DETECTED
7.	23-10-2025	64.76	21.53	22.37	25.59	0.56	2.41	NOT DETECTED
8.	27-10-2025	55.39	16.42	17.64	20.14	0.38	2.37	NOT DETECTED
9.	30-10-2025	61.29	18.67	19.55	23.47	0.44	2.43	NOT DETECTED
10.	03-11-2025	55.10	16.48	15.92	19.53	0.37	2.35	NOT DETECTED
11.	06-11-2025	58.48	17.31	14.37	18.72	0.43	2.49	NOT DETECTED
12.	10-11-2025	63.27	20.38	18.67	23.14	0.63	2.58	NOT DETECTED
13.	13-11-2025	67.46	22.34	20.43	24.38	0.58	2.54	NOT DETECTED
14.	17-11-2025	53.27	18.68	17.94	23.58	0.49	2.37	NOT DETECTED
15.	20-11-2025	49.68	14.36	13.71	17.13	0.40	2.30	NOT DETECTED

Continue…

Name of Location		PUB / Adani House						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
16.	24-11-2025	44.31	15.73	14.68	19.04	0.29	2.17	NOT DETECTED
17.	27-11-2025	53.26	18.41	16.22	20.63	0.45	2.36	NOT DETECTED
18.	01-12-2025	57.48	17.52	16.98	21.38	0.42	2.42	NOT DETECTED
19.	04-12-2025	60.72	19.37	18.62	24.16	0.49	2.46	NOT DETECTED
20.	08-12-2025	55.48	16.83	17.37	23.85	0.39	2.34	NOT DETECTED
21.	11-12-2025	57.93	17.49	16.52	20.93	0.45	2.37	NOT DETECTED
22.	15-12-2025	61.38	19.77	18.89	23.46	0.54	2.45	NOT DETECTED
23.	18-12-2025	64.37	22.35	20.57	24.63	0.61	2.48	NOT DETECTED
24.	22-12-2025	59.94	20.18	18.79	23.61	0.58	2.58	NOT DETECTED
25.	25-12-2025	57.47	17.76	16.52	22.39	0.53	2.53	NOT DETECTED
26.	29-12-2025	54.38	16.89	16.11	21.36	0.47	2.44	NOT DETECTED
27.	01-01-2026	52.64	14.30	12.49	15.94	0.44	--	NOT DETECTED
28.	05-01-2026	54.73	16.95	15.74	18.39	0.38	2.36	NOT DETECTED
29.	08-01-2026	59.94	19.62	17.96	22.42	0.49	2.42	NOT DETECTED
30.	12-01-2026	63.82	21.35	18.73	21.88	0.57	2.5	NOT DETECTED
31.	15-01-2026	56.84	17.43	15.64	19.93	0.52	2.44	NOT DETECTED

Continue…

Name of Location		PUB / Adani House						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
32.	19-01-2026	53.92	16.48	14.53	18.47	0.47	2.36	NOT DETECTED
33.	22-01-2026	49.68	14.91	13.28	17.16	0.42	2.28	NOT DETECTED
34.	26-01-2026	53.47	16.32	15.94	20.13	0.46	2.31	NOT DETECTED
35.	29-01-2026	57.39	18.74	16.63	18.38	0.52	2.42	NOT DETECTED
36.	02-02-2026	55.13	15.36	13.28	16.82	0.46	2.29	NOT DETECTED
37.	05-02-2026	51.59	14.93	12.64	15.74	0.37	2.17	NOT DETECTED
38.	09-02-2026	53.68	15.11	13.89	16.24	0.43	2.34	NOT DETECTED
39.	12-02-2026	57.31	17.59	15.47	19.14	0.50	2.41	NOT DETECTED
40.	16-02-2026	60.94	18.73	17.55	21.93	0.54	2.48	NOT DETECTED
41.	19-02-2026	55.23	14.39	13.25	16.58	0.46	2.31	NOT DETECTED
42.	23-02-2026	53.29	13.27	11.86	14.24	0.42	2.25	NOT DETECTED
43.	26-02-2026	57.92	16.37	14.22	17.68	0.51	2.28	NOT DETECTED
44.	02-03-2026	60.52	18.82	16.17	20.17	0.54	2.35	NOT DETECTED
45.	05-03-2026	57.64	16.36	15.27	18.94	0.47	2.39	NOT DETECTED
46.	09-03-2026	63.28	19.13	17.69	21.47	0.52	2.43	NOT DETECTED
47.	12-03-2026	66.15	20.89	18.27	22.35	0.57	2.47	NOT DETECTED

Continue…

Name of Location		PUB / Adani House						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
48.	16-03-2026	56.93	16.53	14.36	17.58	0.43	2.34	NOT DETECTED
49.	19-03-2026	52.37	14.26	13.89	16.24	0.38	2.21	NOT DETECTED
50.	23-03-2026	57.94	17.11	15.74	18.35	0.47	2.33	NOT DETECTED
51.	26-03-2026	61.63	18.25	16.52	19.84	0.52	2.4	NOT DETECTED
52.	30-03-2026	64.28	19.03	17.58	21.13	0.54	2.47	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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(Manager - Operations)

Results of Ambient Air Quality Monitoring

Name of Location		CT-4 RMU-2						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
1.	02-10-2025	66.59	27.63	24.91	28.27	0.68	--	NOT DETECTED
2.	06-10-2025	69.74	29.81	28.53	32.19	0.63	4.42	NOT DETECTED
3.	09-10-2025	73.28	32.57	30.28	35.47	0.75	4.55	NOT DETECTED
4.	13-10-2025	71.39	30.42	27.49	32.73	0.72	4.48	NOT DETECTED
5.	16-10-2025	75.46	35.61	33.71	38.45	0.78	4.62	NOT DETECTED
6.	20-10-2025	73.81	32.41	30.89	35.13	0.69	4.57	NOT DETECTED
7.	23-10-2025	69.84	27.64	25.48	29.87	0.58	4.40	NOT DETECTED
8.	27-10-2025	65.46	25.46	26.13	31.54	0.63	4.53	NOT DETECTED
9.	30-10-2025	72.48	29.62	27.47	33.52	0.72	4.61	NOT DETECTED
10.	03-11-2025	71.39	29.64	28.71	34.13	0.74	4.57	NOT DETECTED
11.	06-11-2025	74.39	32.45	30.98	35.13	0.87	4.69	NOT DETECTED
12.	10-11-2025	68.59	27.16	25.47	30.82	0.63	4.50	NOT DETECTED
13.	13-11-2025	66.42	26.59	26.11	32.62	0.68	4.31	NOT DETECTED
14.	17-11-2025	70.84	30.24	28.59	33.53	0.76	4.59	NOT DETECTED
15.	20-11-2025	70.37	31.64	33.28	37.14	0.73	4.68	NOT DETECTED

Continue…

Name of Location		CT-4 RMU-2						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
16.	24-11-2025	73.18	34.76	32.45	38.24	0.84	4.74	NOT DETECTED
17.	27-11-2025	69.50	28.74	27.19	33.75	0.70	4.62	NOT DETECTED
18.	01-12-2025	73.48	33.17	30.63	36.84	0.77	4.68	NOT DETECTED
19.	04-12-2025	76.18	35.89	31.37	38.12	0.83	4.80	NOT DETECTED
20.	08-12-2025	72.37	31.13	27.47	33.13	0.71	4.58	NOT DETECTED
21.	11-12-2025	68.58	28.58	25.83	31.29	0.62	4.43	NOT DETECTED
22.	15-12-2025	72.38	33.28	29.85	33.48	0.68	4.61	NOT DETECTED
23.	18-12-2025	75.94	37.59	34.18	40.72	0.74	4.74	NOT DETECTED
24.	22-12-2025	69.85	31.26	28.73	32.16	0.57	4.60	NOT DETECTED
25.	25-12-2025	72.37	35.43	30.19	36.74	0.69	4.65	NOT DETECTED
26.	29-12-2025	76.48	36.11	31.88	38.15	0.78	4.73	NOT DETECTED
27.	01-01-2026	78.62	35.38	32.73	37.14	0.76	--	NOT DETECTED
28.	05-01-2026	80.14	38.63	34.71	38.35	0.79	4.77	NOT DETECTED
29.	08-01-2026	75.94	32.19	29.35	33.02	0.71	4.65	NOT DETECTED
30.	12-01-2026	77.15	34.58	30.13	36.52	0.74	4.68	NOT DETECTED
31.	15-01-2026	81.39	39.87	34.91	39.64	0.85	4.72	NOT DETECTED

Continue…

Name of Location		CT-4 RMU-2						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
32.	19-01-2026	79.13	36.57	33.42	37.62	0.77	4.63	NOT DETECTED
33.	22-01-2026	76.84	33.18	31.53	36.24	0.70	4.55	NOT DETECTED
34.	26-01-2026	72.35	30.91	26.54	30.18	0.63	4.40	NOT DETECTED
35.	29-01-2026	75.94	32.38	28.84	33.25	0.74	4.58	NOT DETECTED
36.	02-02-2026	73.28	27.91	25.57	30.81	0.70	4.54	NOT DETECTED
37.	05-02-2026	76.93	29.74	28.13	33.65	0.76	4.60	NOT DETECTED
38.	09-02-2026	79.73	32.16	30.98	37.24	0.81	4.67	NOT DETECTED
39.	12-02-2026	75.49	30.57	27.63	33.92	0.88	4.58	NOT DETECTED
40.	16-02-2026	71.93	26.57	25.14	31.26	0.79	4.46	NOT DETECTED
41.	19-02-2026	77.35	34.27	32.78	36.59	0.85	4.63	NOT DETECTED
42.	23-02-2026	82.44	37.71	35.46	41.20	0.94	4.72	NOT DETECTED
43.	26-02-2026	78.44	32.15	29.71	33.39	0.83	4.68	NOT DETECTED
44.	02-03-2026	82.39	34.27	32.81	37.73	0.87	4.73	NOT DETECTED
45.	05-03-2026	85.00	37.21	34.55	40.13	0.96	4.81	NOT DETECTED
46.	09-03-2026	80.19	32.68	30.18	36.45	0.82	4.76	NOT DETECTED
47.	12-03-2026	83.29	34.71	32.65	38.24	0.85	4.70	NOT DETECTED

Continue…

Name of Location		CT-4 RMU-2						
Sr. No.	Date of Monitoring	Parameter with Results						
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	HC µg/m³	Benzene µg/m³
48.	16-03-2026	78.74	30.91	27.63	34.59	0.73	4.67	NOT DETECTED
49.	19-03-2026	72.94	26.47	25.78	31.24	0.70	4.56	NOT DETECTED
50.	23-03-2026	75.49	28.18	26.53	33.41	0.74	4.61	NOT DETECTED
51.	26-03-2026	79.31	31.29	29.76	35.68	0.76	4.66	NOT DETECTED
52.	30-03-2026	81.38	32.45	31.89	37.24	0.80	4.69	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**

Rajnish D. Gohil
(Chemist)

UNISTAR ENVIRONMENT & RESEARCH LABS PVT. LTD. * GUJARAT VAPI.

Jaivik S. Tandel
(Manager - Operations)

Results of Noise Level Monitoring

Location Name		CT3 RMU-2					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		13-10-2025	13-11-2025	11-12-2025	12-01-2026	12-02-2026	12-03-2026
1	06:00 to 07:00	62.3	62.8	62.3	62.5	60.8	64.5
2	07:00 to 08:00	65.1	64.3	64.8	63.9	63.7	69.2
3	08:00 to 09:00	64.3	64.3	64.5	64.8	64.1	67.8
4	09:00 to 10:00	66.8	66.3	66.1	66.3	65.8	69.5
5	10:00 to 11:00	65.4	65.4	66.8	66.8	66.7	65.3
6	11:00 to 12:00	66.1	65.8	65.4	65.4	66.3	60.6
7	12:00 to 13:00	65.7	66.2	65.8	66.3	65.7	65.5
8	13:00 to 14:00	65.8	65.8	65.3	65.7	65.9	67.2
9	14:00 to 15:00	65.2	65.2	64.3	64.7	64.3	68.5
10	15:00 to 16:00	65.7	65.7	65.8	65.7	65.8	66.5
11	16:00 to 17:00	63.2	64.7	64.3	64.8	63.8	65.5
12	17:00 to 18:00	64.8	64.8	65.9	65.8	65.7	68.9
13	18:00 to 19:00	63.5	64.2	64.1	63.3	63.9	67.2
14	19:00 to 20:00	63.2	63.2	63.2	63.7	63.7	66.7
15	20:00 to 21:00	62.9	63.4	63	63.2	63.2	65.4
16	21:00 to 22:00	60.1	59.4	61.7	62.6	62.4	63.9
Day Time		<75 dB (A)					

Continue...

Location Name		CT3 RMU-2					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		13-10-2025	13-11-2025	11-12-2025	12-01-2026	12-02-2026	12-03-2026
1	22:00 to 23:00	62.3	63.1	62.6	61.7	61.4	62.5
2	23:00 to 24:00	62.8	62.5	62.5	62.5	62.6	61.3
3	24:00 to 01:00	63.2	62.5	61.6	61.6	60.5	64.5
4	01:00 to 02:00	63.5	62.8	61.2	60.5	59.4	60.5
5	02:00 to 03:00	62.1	61.7	60.5	60.1	60.5	63.2
6	03:00 to 04:00	61.7	61	60.3	61.2	61.8	61.8
7	04:00 to 05:00	59.3	62.4	62.1	61.4	61.1	64.5
8	05:00 to 06:00	60.1	64.5	63.6	62.3	62.5	63.6
Night Time		<70 dB (A)					

Test Method	IS: 9989 : 1981

Rajnish D. Gohil
(Chemist)

UNISTAR ENVIRONMENT & RESEARCH LABS PVT. LTD. * GUJARAT VAPI.

Jaivik S. Tandel
(Manager - Operations)

Results of Noise Level Monitoring

Location Name		Near Fire Station					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		06-10-2025	06-11-2025	04-12-2025	05-01-2026	05-02-2026	05-03-2026
1	06:00 to 07:00	60.8	61.1	59.9	58.5	57.3	62.3
2	07:00 to 08:00	62.4	62.4	62.6	60.6	60.6	65.8
3	08:00 to 09:00	63.6	64.5	63.9	61.9	59.7	67.1
4	09:00 to 10:00	65.3	65.3	65.1	62.7	62.3	68.6
5	10:00 to 11:00	65.1	65.1	66.4	66.1	64.7	66.8
6	11:00 to 12:00	66.8	66.5	66.5	66.5	66.5	67.3
7	12:00 to 13:00	65.4	65.1	64.3	64.3	65.4	66.2
8	13:00 to 14:00	62.7	62.7	63.9	65.7	65.7	68.2
9	14:00 to 15:00	64.7	65.8	64.8	64.8	64.5	67.5
10	15:00 to 16:00	65.1	65.1	64.7	64.7	66.1	62.9
11	16:00 to 17:00	65.7	64.3	65.1	64.3	65.8	66.4
12	17:00 to 18:00	64.5	64.5	63.2	64.8	65.4	62.6
13	18:00 to 19:00	62.7	63.7	63.9	62.5	62.5	65.5
14	19:00 to 20:00	63.5	63.5	64.6	64.9	63.8	68.5
15	20:00 to 21:00	63.4	64.8	63.6	64.2	64.5	66.7
16	21:00 to 22:00	60.8	60.7	61.5	60.5	61.3	62.8
Day Time		<75 dB (A)					

Continue…

Location Name		Near Fire Station					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Night Time					
		06-10-2025	06-11-2025	04-12-2025	05-01-2026	05-02-2026	05-03-2026
1	22:00 to 23:00	59.8	61.3	60.1	58.4	58.7	62.8
2	23:00 to 24:00	60.4	60.5	60.7	58.7	57.3	61.7
3	24:00 to 01:00	62.7	60.2	59.5	60.1	59.6	61.9
4	01:00 to 02:00	63.2	61.3	60.6	57.4	58.4	62.8
5	02:00 to 03:00	62.4	60.4	59.6	58.5	57.2	60.5
6	03:00 to 04:00	60.7	59.4	58.6	56.3	56.3	59.6
7	04:00 to 05:00	57.4	60.4	58.3	58.5	58.3	58.5
8	05:00 to 06:00	60.2	61.6	60.7	60.2	60.4	59.7
Night Time		<70 dB (A)					

Test Method	IS: 9989 : 1981

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UNISTAR ENVIRONMENT & RESEARCH LABS PVT. LTD. * GUJARAT VAPI.

Jaivik S. Tandel
(Manager - Operations)

Results of Noise Level Monitoring

Location Name		ADANI PORT – TUG Berth 600 KL Pump House					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		09-10-2025	10-11-2025	08-12-2025	08-01-2026	09-02-2026	09-03-2026
1	06:00 to 07:00	58.4	57.4	56.4	55.1	54.6	57.9
2	07:00 to 08:00	60.2	58.8	57.4	57.3	56.4	58.4
3	08:00 to 09:00	61.4	60.5	61.2	59.8	58.3	62.3
4	09:00 to 10:00	63.2	63.2	64.9	65.2	60.7	66.8
5	10:00 to 11:00	66.5	64.3	65.7	64.3	62.3	65.2
6	11:00 to 12:00	67.4	67.1	67.3	65.9	64.5	66.5
7	12:00 to 13:00	67.1	66.5	65.7	65.4	64.8	69.5
8	13:00 to 14:00	66.5	66.5	66.2	66.8	66.3	67.5
9	14:00 to 15:00	66.8	66.2	65.9	66.1	66.8	68.2
10	15:00 to 16:00	66.3	66.3	66.1	65.4	64.3	69.5
11	16:00 to 17:00	64.7	65.3	66.5	65.7	66.5	68.5
12	17:00 to 18:00	65.1	65.1	64.8	65.2	64.9	68.2
13	18:00 to 19:00	66.2	66.7	65.2	64.7	64.5	69.5
14	19:00 to 20:00	64.3	64.3	65.4	65.3	65.1	65.5
15	20:00 to 21:00	61.5	62.3	61.2	62.9	62.4	61.5
16	21:00 to 22:00	58.3	58.9	58.3	57.8	59.1	64.5
Day Time		<75 dB (A)					

Continue…

Location Name		ADANI PORT – TUG Berth 600 KL Pump House					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Night Time					
		09-10-2025	10-11-2025	08-12-2025	08-01-2026	09-02-2026	09-03-2026
1	22:00 to 23:00	57.4	62.5	61.8	60.8	60.1	61.5
2	23:00 to 24:00	58.1	60.5	61.3	60.4	59.3	62.4
3	24:00 to 01:00	59.4	61.2	60.7	58.6	57.4	62.3
4	01:00 to 02:00	60.3	59.5	59.4	58.4	56.7	63.2
5	02:00 to 03:00	59.6	60.2	58.8	59.8	58.4	61.6
6	03:00 to 04:00	60.1	60.5	59.7	59.3	58.7	60.3
7	04:00 to 05:00	56.8	61.5	60.3	60.6	60.3	64.4
8	05:00 to 06:00	58.6	62.3	61.4	61.5	59.8	61.8
Day Time		<70 dB (A)					

Test Method	IS: 9989 : 1981

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UNISTAR ENVIRONMENT & RESEARCH LABS PVT. LTD. * GUJARAT VAPI.

Jaivik S. Tandel
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Results of Noise Level Monitoring

Location Name		PUB/Adani House					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		02-10-2025	03-11-2025	01-12-2025	01-01-2026	02-02-2026	02-03-2026
1	06:00 to 07:00	55.9	55.4	56.2	57.8	55.8	58.7
2	07:00 to 08:00	58.4	58.2	57.4	58.2	57.3	60.3
3	08:00 to 09:00	61.5	60.5	59.8	60.2	59.4	64.7
4	09:00 to 10:00	63.7	62.4	61.8	63.4	61.8	65.5
5	10:00 to 11:00	65.2	65.2	64.3	64.5	63.4	68.3
6	11:00 to 12:00	64.3	65.7	64.8	64.8	65.1	68.9
7	12:00 to 13:00	66.8	66.8	65.4	65.3	64.7	65.4
8	13:00 to 14:00	64.3	65.7	66.8	63.9	63.9	66.3
9	14:00 to 15:00	65.7	64.3	65.1	66.5	65.8	67.1
10	15:00 to 16:00	65.4	65.4	64.3	64.2	65.4	64.5
11	16:00 to 17:00	66.5	66.5	65.9	64.7	64.7	68.3
12	17:00 to 18:00	66.9	66.2	65.4	64.3	64.3	65.6
13	18:00 to 19:00	64.3	64.3	65.1	64.1	63.2	67.2
14	19:00 to 20:00	65.1	64.7	63.9	62.8	64.5	63.5
15	20:00 to 21:00	63.2	63.2	64.8	63.4	60.8	60.5
16	21:00 to 22:00	59.7	59.3	60.2	61.2	58.5	59.7
Day Time		<75 dB (A)					

Continue…

Location Name		PUB/Adani House					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Night Time					
		02-10-2025	03-11-2025	01-12-2025	01-01-2026	02-02-2026	02-03-2026
1	22:00 to 23:00	58.2	59.2	58.8	56.5	57.2	60.2
2	23:00 to 24:00	58.6	55.4	56.4	55.4	56.4	59.4
3	24:00 to 01:00	60.3	59.8	57.7	56.9	55.8	59.5
4	01:00 to 02:00	59.7	56.7	56.3	55.4	56.2	60.5
5	02:00 to 03:00	58.4	57.2	56.8	55.2	55.4	58.1
6	03:00 to 04:00	57.4	55.5	55.3	56.7	54.3	60.5
7	04:00 to 05:00	58.1	58.4	57.6	56.4	57.1	62.3
8	05:00 to 06:00	58.7	59.8	59.2	58.7	57.7	61.5
Day Time		<70 dB (A)					

Test Method	IS: 9989 : 1981

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Results of Noise Level Monitoring

Location Name		CT-4 RMU-2				
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time				
		18-10-2025	18-11-2025	16-12-2025	20-01-2026	20-02-2026
1	06:00 to 07:00	62.8	61.8	61.4	62.4	60.6
2	07:00 to 08:00	63.2	65.4	63.8	63.8	62.4
3	08:00 to 09:00	63.6	63.2	64.7	64.3	64.3
4	09:00 to 10:00	65.6	64.8	65.3	65.7	65.7
5	10:00 to 11:00	66.5	66.5	64.8	63.1	64.8
6	11:00 to 12:00	67.3	66.3	66.2	66.2	65.7
7	12:00 to 13:00	67.1	67.5	65.8	65.8	64.2
8	13:00 to 14:00	66.8	66.8	66.5	66.5	65.7
9	14:00 to 15:00	65.4	65.4	65.3	65.3	65.3
10	15:00 to 16:00	66.3	65.9	65.4	64.3	65.1
11	16:00 to 17:00	67.5	67.5	67.2	67.2	66.7
12	17:00 to 18:00	66.3	66.3	66.9	66.7	65.3
13	18:00 to 19:00	65.3	65.3	64.5	64.5	65.6
14	19:00 to 20:00	64.2	64.2	64.7	64.7	60.9
15	20:00 to 21:00	63.2	64.5	63.6	63.6	61.1
16	21:00 to 22:00	62.4	60.8	59.9	61.3	59.8
Day Time		<75 dB (A)				

Continue…

Location Name		CT-4 RMU-2				
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Night Time				
		18-10-2025	18-11-2025	16-12-2025	20-01-2026	20-02-2026
1	22:00 to 23:00	60.8	61.2	60.9	58.7	59.4
2	23:00 to 24:00	62.5	60.6	59.7	58.4	59.2
3	24:00 to 01:00	61.2	59.6	57.5	56.5	58.6
4	01:00 to 02:00	60.8	57.4	58.4	55.1	55.4
5	02:00 to 03:00	59.4	58.7	58.4	55.5	55.3
6	03:00 to 04:00	58.3	59.3	59.1	56.9	55.8
7	04:00 to 05:00	57.6	59.7	60.3	57.6	56.9
8	05:00 to 06:00	59.8	60.3	59.6	58.4	58.3
Day Time		<70 dB (A)				

Test Method	IS: 9989 : 1981

UNISTAR ENVIRONMENT & RESEARCH LABS PVT. LTD. * GUJARAT VAPI.

Rajnish D. Gohil
(Chemist)

Jaivik S. Tandel
(Manager - Operations)

Results of Stack Monitoring

Sr. No.	Parameter	Unit	Hot Water System-1 (Liquid Terminal)	Hot Water System-2 (Liquid Terminal)	Thermic Fluid Heater (Bitumin-1)	Thermic Fluid Heater (Bitumin-2)	GPCB LIMIT	Method of Test
Oct-25								
1	Particulate Matter	mg/Nm^3	18.63	20.12	17.47	19.15	150	IS 11255 (Part - 1)
2	Sulphur Dioxide as SO_2	ppm	6.48	6.73	7.58	7.38	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO_X	ppm	29.51	21.08	19.35	20.36	50	IS 11255 (Part - 7)
Nov-25								
1	Particulate Matter	mg/Nm^3	18.97	21.28	19.62	20.23	150	IS 11255 (Part - 1)
2	Sulphur Dioxide as SO2	ppm	6.64	6.89	8.13	7.58	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NOX	ppm	22.53	21.37	20.41	20.61	50	IS 11255 (Part - 7)
Dec-25								
1	Particulate Matter	mg/Nm^3	19.36	20.63	18.94	19.76	150	IS 11255 (Part - 1)
2	Sulphur Dioxide as SO_2	ppm	7.00	6.51	7.87	7.91	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO_X	ppm	23.64	20.96	19.68	21.03	50	IS 11255 (Part - 7)
Jan-26								
1	Particulate Matter	mg/Nm^3	19.62	20.38	19.16	20.10	150	IS 11255 (Part - 1)
2	Sulphur Dioxide as SO_2	ppm	7.23	6.73	8.04	7.72	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO_X	ppm	22.95	21.28	20.12	20.88	50	IS 11255 (Part - 7)

Continue…

Sr. No.	Parameter	Unit	Hot Water System-1 (Liquid Terminal)	Hot Water System-2 (Liquid Terminal)	Thermic Fluid Heater (Bitumin-1)	Thermic Fluid Heater (Bitumin-2)	GPCB LIMIT	Method of Test
Feb-26								
1	Particulate Matter	mg/Nm^3	20.21	22.05	21.11	19.93	150	IS 11255 (Part - 1)
2	Sulphur Dioxide as SO_2	ppm	7.47	7.02	8.18	7.54	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO_X	ppm	21.79	20.86	20.46	20.35	50	IS 11255 (Part - 7)
Mar-26								
1	Particulate Matter	mg/Nm^3	21.79	23.15	20.74	20.48	150	IS 11255 (Part - 1)
2	Sulphur Dioxide as SO_2	ppm	7.69	7.26	7.91	7.83	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO_X	ppm	22.17	21.49	19.87	21.12	50	IS 11255 (Part - 7)

Rajnish D. Gohil
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UNISTAR ENVIRONMENT & RESEARCH LABS PVT. LTD. * GUJARAT VAPI.

Jaivik S. Tandel
(Manager - Operations)

Results of Stack Monitoring

Sr. No.	Parameter	Unit	D.G. Set-6, 7 & 8 (1250 KVA - CT2) Common Stack	D.G. Set-9 (1500 KVA - CT3)	D.G. Set-10 (1500 KVA - CT3)	D.G. Set-11 (1500 KVA - CT3)	GPCB LIMIT	Method of Test
			Mar-26					
			07-03-2026	20-03-2026	20-03-2026	20-03-2026		
1	Particulate Matter	mg/Nm^3	28.62	22.48	24.13	19.85	150	IS 11255 (Part - 1)
2	Sulphur Dioxide as SO_2	ppm	9.84	16.53	15.79	16.52	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO_X	ppm	22.64	19.13	31.12	24.95	50	IS 11255 (Part - 7)
4	Carbon Monoxide	mg/Nm3	3.71	3.8	3.3	2.6	--	UERL/AIR/SOP/18
5	Non Methyl Hydro Carbon	ppm	Not Detected	Not Detected	Not Detected	Not Detected	--	UERL/AIR/SOP/27

Sr. No.	Parameter	Unit	D.G. Set-12 (1500 KVA) - CT4	D.G. Set-13 (1500 KVA) - CT4	D.G. Set-14 (1500 KVA) - CT4	D.G. Set-1 (500 KVA) - DG House - MPT	GPCB LIMIT	Method of Test
			Mar-26					
			28-03-2026	28-03-2026	28-03-2026	16-03-2026		
1	Particulate Matter	mg/Nm^3	20.74	29.17	23.74	26.91	150	IS 11255 (Part - 1)
2	Sulphur Dioxide as SO_2	ppm	8.53	13.46	10.25	10.63	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO_X	ppm	18.79	27.01	18.75	32.36	50	IS 11255 (Part - 7)
4	Carbon Monoxide	mg/Nm3	3.2	4.73	4.13	3.67	--	UERL/AIR/SOP/18
5	Non Methyl Hydro Carbon	ppm	Not Detected	Not Detected	Not Detected	Not Detected	--	UERL/AIR/SOP/27

Continue…

Sr. No.	Parameter	Unit	D.G. Set-2 (500 KVA) - DG House - MPT	D.G. Set-3 (500 KVA) - DG House - MPT	D.G. Set-4 (500 KVA) - DG House - MPT	D.G. Set-5 (500 KVA) - DG House - MPT	GPCB LIMIT	Method of Test
			Mar-26					
			16-03-2026	16-03-2026	16-03-2026	16-03-2026		
1	Particulate Matter	mg/Nm^3	29.14	22.49	26.48	24.21	150	IS 11255 (Part - 1)
2	Sulphur Dioxide as SO_2	ppm	8.73	10.03	9.15	8.64	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO_X	ppm	34.24	29.14	29.73	27.12	50	IS 11255 (Part - 7)
4	Carbon Monoxide	mg/Nm3	3.83	4.12	4.31	3.46	--	UERL/AIR/SOP/18
5	Non Methyl Hydro Carbon	ppm	Not Detected	Not Detected	Not Detected	Not Detected	--	UERL/AIR/SOP/27

Rajnish D. Gohil
(Chemist)

UNISTAR ENVIRONMENT & RESEARCH LABS PVT. LTD. * GUJARAT VAPI.

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MoEF&CC Recog. Environmental Laboratory under The EPA, 1986 (02.04.2025 to 29.03.2028) | NABL (ISO/IEC 17025: 2017) Accredited Testing Laboratory (TC-15345) (22.01.2025 to 22.09.2026) | QCI-NABET Accredited EIA & GW Consultant Organisation | GPCB Recognized Environmental Auditor (Sch-II) | ISO 9001: 2015 Certified Company | ISO 45001: 2018 Certified OHS Management System

RESULTS OF BORE HOLE WATER

SR.NO.	TEST PARAMETERS	UNIT	Pump House-1	Pump House-2	Pump House-3	Near Unloading bays	Near ETP	TEST METHOD
			14-02-2026	14-02-2026	14-02-2026	14-02-2026	10-02-2026	
1.	pH @ 25 ° C	--	8.22	7.4	7.62	7.56	7.72	IS 3025(Part 11):2022
2.	Salinity	ppt	2.75	0.9	1.38	1.75	14.92	APHA 24th Ed.,2023,2520 B
3.	Oil & Grease	mg/L	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	IS 3025(Part 39):2021
4.	Hydrocarbon	mg/L	Not Detected	Not Detected	Not Detected	Not Detected	Not Detected	GC/GCMS
5.	Lead as Pb	mg/L	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	IS 3025 (PART 47) 1994
6.	Arsenic as As	mg/L	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	APHA 24th Ed.,2023,3114-C
7.	Nickel as Ni	mg/L	0.095	0.056	0.071	BDL(MDL:0.02)	0.292	IS 3025 (PART 54) 2003
8.	Total Chromium as Cr	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	IS 3025 (PART 52) 2003
9.	Cadmium as Cd	mg/L	BDL(MDL:0.003)	BDL(MDL:0.003)	BDL(MDL:0.003)	BDL(MDL:0.003)	BDL(MDL:0.003)	IS 3025(PART 41) 1992
10.	Mercury as Hg	mg/L	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)	APHA 24th Ed.,2023, 3112-B
11.	Zinc as Zn	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	0.075	IS 3025(PART 49) 1994
12.	Copper as Cu	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	0.061	IS 3025 (PART 42) 1992
13.	Iron as Fe	mg/L	0.125	0.854	BDL(MDL:0.1)	BDL(MDL:0.1)	0.285	IS 3025(PART 53) 2003
14.	Insecticides/Pesticides	µg/L	Absent	Absent	Absent	Absent	Absent	USEPA 8081 B
15.	Depth of Water Level from Ground Level	meter	1.95	1.95	1.95	2	1.95	--

ENVIRONMENT & RESEARCH LABS PVT. LTD. * UNISTAR * GUJARAT VAPI.

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/m3	5 µg/m3
2	Particulate Matter (PM2.5)	µg/m3	5 µg/m3
3	Sulphur Dioxide (SO2)	µg/m3	4 µg/m3
4	Nitrogen Dioxide (NO2)	µg/m3	5 µg/m3
5	Carbon Monoxide (CO)	mg/m3	0.01 mg/m3
6	Ammonia (NH3)	µg/m3	5 µg/m3
7	Ozone (O3)	µg/m3	5 µg/m3
8	Lead (Pb)	µg/m3	0.5 µg/m3
9	Nickle (Ni)	ng/m3	1 ng/m3
10	Arsenic (As)	ng/m3	1 ng/m3
11	Benzene	µg/m3	1µg/m3
12	Benzo(o)Pyrene	ng/m3	0.1 ng/m3
14	Hydro Carbon	µg/m3	1 µg/m3

Stack Emission Monitoring

Sr. No.	Test Parameter	Unit	MDL
1	Suspended particulate matter	mg/Nm3	2 mg/Nm3
2	Sulphur Dioxide SOX	mg/Nm3	4 mg/Nm3
3	Oxides of Nitrogen NOX	mg/Nm3	5 mg/Nm3

ETP Water			
Sr. No.	**Test Parameter**	**Unit**	**MDL**
1	Colour	Pt. Co. Scale	5
2	pH @ 27 ° C	--	2
3	Temperature	0C	5
4	Total Suspended Solids	mg/L	4
5	Total Dissolved Solids	mg/L	4
6	COD	mg/L	2
7	BOD (3 days at 27 0C)	mg/L	1
8	Chloride (as Cl) -	mg/L	1
9	Oil & Grease	mg/L	4
10	Sulphate (as SO4)	mg/L	1
11	Ammonical Nitrogen	mg/L	5
12	Phenolic Compound	mg/L	0.1
13	Copper as Cu	mg/L	0.05
14	Lead as Pb	mg/L	0.01
15	Sulphide as S	mg/L	0.1
16	Cadmium as Cd	mg/L	0.003
17	Fluoride as F	mg/L	0.2
18	Residual Chlorine	mg/L	0.1
19	Percent Sodium	%	--
20	Sodium Absorption ratio	--	--

MARINE WATER			
Sr. No.	**Test Parameter**	**Unit**	**MDL**
1	pH	--	5
2	Temperature	oC	5
3	Total Suspended Solids	mg/L	4
4	BOD (3 Days @ 27oC)	mg/L	1
5	Dissolved Oxygen	mg/L	0.2
6	Salinity	ppt	0.01
7	Oil & Grease	mg/L	2
8	Nitrate as NO_3	µmol/L	0.4
9	Nitrite as NO_2	µmol/L	0.04
10	Ammonical Nitrogen as NH_3	µmol/L	0.8
11	Phosphates as PO_4	µmol/L	0.4
12	Total Nitrogen	µmol/L	2.2
13	Petroleum Hydrocarbon	µg/L	0.1
14	Total Dissolved Solids	mg/L	4
15	COD	mg/L	2

Sea SEDIMENT			
Sr. No.	**Test Parameter**	**Unit**	**MDL**
1	Organic Matter	%	0.5
2	Phosphorus as P	µg/g	1
3	Texture	--	--
4	Petroleum Hydrocarbon	µg/g	0.1
5	Aluminum as Al	%	0.1
6	Total Chromium as Cr+3	µg/g	2
7	Manganese as Mn	µg/g	1
8	Iron as Fe	%	0.1
9	Nickel as Ni	µg/g	1
10	Copper as Cu	µg/g	1
11	Zinc as Zn	µg/g	1
12	Lead as Pb	µg/g	1
13	Mercury as Hg	µg/g	0.05

BORE HOLE WATER			
Sr. No.	**Test Parameter**	**Unit**	**MDL**
1	pH @ 25 ° C	--	5
2	Salinity	ppt	--
3	Oil & Grease	mg/L	2
4	Hydrocarbon	mg/L	0.1
5	Lead as Pb	mg/L	0.01
6	Arsenic as As	mg/L	0.01
7	Nickel as Ni	mg/L	0.02
8	Total Chromium as Cr	mg/L	0.05
9	Cadmium as Cd	mg/L	0.003
10	Mercury as Hg	mg/L	0.001
11	Zinc as Zn	mg/L	0.05
12	Copper as Cu	mg/L	0.05
13	Iron as Fe	mg/L	0.1
14	Insecticides/Pesticides	µg/L	0.1
15	Depth of Water Level from Ground Level	meter	--

Annexure – 2

Details of Greenbelt Development at APSEZ, Mundra

	Total Green Zone Detail till Up to March 2026				
LOCATION	**Area (In Ha.)**	**Trees (Nos.)**	**Palm (Nos.)**	**Shrubs (SQM)**	**Lawn (SQM)**
SV COLONY	72.29	34920.00	7962.00	69696.00	100646.00
PORT & NON SEZ	81.61	149359.00	19220.00	75061.78	62966.38
SEZ	115.70	226120.00	20489.00	220583.60	28162.03
MITAP	2.47	8113.00	33.00	3340.00	4036.00
WEST PORT	104.29	248074.00	66816.00	24112.00	16369.00
AGRI PARK	8.94	17244.00	1332.00	5400.00	2121.44
SOUTH PORT	14.45	27530.00	3470.00	3882.00	3327.26
Samundra Township	58.26	63722.00	11834.00	23908.89	47520.07
Productive Farming (Vadala Farm)	0.00	0.00	0.00	0.00	0.00
TOTAL (APSEZL)	**457.99**	**775082**	**131156**	**425984.27**	**265148.18**
		906238.00			

Details of Mangrove Afforestation done by APSEZ

Sl. no.	Location	District	Area (Ha)	Duration	Species	Implementation agency
1	Mundra Port	Kutch	24	-	Avicennia marina	Dr. Maity, Mangrove consultant of India
2	Mundra Port	Kutch	25	-	Avicennia marina	Dr. Maity, Mangrove consultant of India
3	Luni/Hamirmora (Mundra,)	Kutch	160.8	2007 - 2015	Avicennia marina, Rhizophora mucronata, Ceriops tagal	GUIDE, Bhuj
4	Kukadsar (Mundra)	Kutch	66.5	2012 - 2014	Avicennia marina	GUIDE, Bhuj
5	Forest Area (Mundra)	Kutch	298	2011 - 2013	Avicennia marina	Forest Dept, Bhuj
6	Jangi Village (Bhachau)	Kutch	50	2012 - 2014	Avicennia marina	GUIDE, Bhuj
7	Jakhau Village (Abdasa)	Kutch	310.6	2007-08 & 2011-13	Avicennia marina, Rhizophora mucronata, Ceriops tagal	GUIDE, Bhuj
8	Sat Saida Bet	Kutch	255	2014-15 & 2016-17	Avicennia marina & Biodiversity	GUIDE, Bhuj
9	Dandi Village	Navsari	800	2006 - 2011	Avicennia marina, Rhizophora mucronata, Ceriops tagal	GEC, Gandhinagar
10	Talaja Village	Bhavnagar	50	2011-12	Avicennia marina	Forest Dept, Talaja
11	Narmada Village	Bhavnagar	250	2014 - 2015	Avicennia marina	GEC, Gandhinagar
12	Malpur Village	Bharuch	200	2012-14	Avicennia marina	SAVE, Ahmedabad
13	Kantiyajal Village	Bharuch	50	2014-15	Avicennia marina	SAVE, Ahmedabad
14	Devla Village	Bharuch	150	210-16	Avicennia marina	SAVE, Ahmedabad
15	Village Tala Talav (Khambhat)	Anand	100	2015 - 2016	Avicennia marina	SAVE, Ahmedabad
16	Village Tala Talav (Khambhat)	Anand	38	2015 - 2016	Avicennia marina	GEC, Gandhinagar
17	Aliya Bet, Village Katpor (Hansot)	Bharuch	62	2017-18	Avicennia marina & Rhizophora spp.	GEC, Gandhinagar
18	Kukadsar-(Bhadeswar-Mundra)	Kutch	250	2021-22	Avicennia marina	Shreeji Enterprise, Amreli
19	Kukadsar-(Bhadeswar-Mundra)	Kutch	750	2022-23	Avicennia marina	Shreeji Enterprise, Amreli
20	Kukadsar-(Bhadeswar-Mundra)	Kutch	250	2023-24	Avicennia marina	Shreeji Enterprise, Amreli
Total			**4140**			

Annexure – 3

adani
Foundation

CSR Mundra Annual Report

2025-26

www.adanifoundation.com
info@adanifoundation.com

Mr. Rakshit Shah,
Executive Director
APSEZ

Leadership Message: Driving Community Growth

From Commitment to Collective Growth

Dear Stakeholders,
At the Adani Foundation, we firmly believe that true and enduring progress is rooted in empowered, self-reliant communities. Our CSR initiatives this year have been directed toward holistic village development, with a strong emphasis on enhancing access to essential services, strengthening livelihoods, and fostering sustainable self-sufficiency through deep and meaningful partnerships with local stakeholders and communities.

Central to our efforts has been a continued priority on **water conservation** and the promotion of sustainable resource management practices, ensuring long-term environmental resilience alongside community well-being. Complementing this, our youth development programs have focused on skill enhancement, confidence-building, and equipping young individuals with the capabilities needed to access improved opportunities and make positive contributions to society.

A highlight of the year was the organization of a spiritually enriching **Bhagwat Katha**, which reached and benefited over 1,00,000 participants. This initiative not only created an uplifting environment but also reinforced shared cultural and ethical values, further strengthening the bond between the Foundation and the communities we serve.
These endeavors reflect our unwavering dedication to inclusive growth that unites people, uplifts lives, and creates lasting, transformative impact. Guided by the ethos of sustainable development and nation-building, we remain committed to collaborating closely with communities to build a more equitable and prosperous future.

With deep gratitude for the trust placed in us and renewed resolve to drive meaningful change,

Rakshit Shah

Table of Content

Adani Vidya Mandir, Bhadreshwar

EMPOWERING FUTURES THROUGH HOLISTIC EDUCATION

Adani Vidya Mandir, Bhadreshwar (AVMB), is a reputed Gujarati Medium school affiliated with GSEB and managed by the Adani Foundation. The institution is committed to offering cost-free, quality education to children from underprivileged families, empowering them to realize their potential and build a dignified future.

The school provides education from Sr. KG to Class X and currently serves 685 learners. With 18 well-equipped classrooms limited to 40 students each, AVMB ensures focused learning and strong student-teacher engagement. The academic team comprises 27 qualified teachers and one professional librarian who collectively support a robust and enriching learning environment.

Institutional Day Celebrations

International Yoga Day

Students and staff participated in a yoga session highlighting focus, discipline, and a healthy lifestyle.

National Mathematics Day

Celebrated as "Mathfinity," students participated in logic puzzles, geometric art, and math games honoring Srinivasa Ramanujan.

Matru-Pitru Pujan Diwas

The event celebrated the parent-child bond, with students performing traditional rituals to honor their parents.

National Sports Day

The school conducted athletic and traditional games to foster stamina, teamwork, and healthy competition.

Hindi Diwas & Week

"Hindi Week" included recitations, essays, and debates to enhance linguistic skills and cultural pride.

Teachers' Day

Students hosted a Teachers' Day program with a National Virtual Meeting to honor educators' dedication.

World Nature Conservation Day

Students participated in activities promoting natural resource conservation and sustainable living.

Independence Day

The flag-hoisting ceremony highlighted patriotic spirit through student performances celebrating India's freedom.

International Mother Language Day

Students participated in multilingual activities emphasizing linguistic diversity and the importance of the mother tongue.

AVMB: A Year of Outstanding Achievements

100% Result in SSC

India School Merit Awards (Dec 15, 2025)

AVMB was officially recognized as the "No. 1 School in Kutch" by Education Today..

Khel Mahakumbh District Honors (Dec 03, 2025)

Vivan Hethwadiya secured 1st at the Taluka level and 2nd at the District level in the 50m race and Broad Jump.

National Level Arts Achievement (Aug 2025)

The school's choir group won 1st Place in the Sanskrit Division at the 'Bharat Ko Jaano' regional competition.

National Shiksha Award 2025

AVMB received this award for its innovative teaching approach and contribution to social upliftment.

SSCE Excellence (2024-25)

The school achieved 100% results in Class X, with two students scoring above 90%, reflecting strong academic monitoring and support.

State-Level Athletics Success (Jan 12, 2026)

Vivaan Vala Hethwadiya (Class V) secured 7th place in the Under-11 State-Level 60m race, proudly representing the district.

Institutional Media Visibility (June 2025)

The school received 19 media coverages (6 online, 13 offline) in a month, highlighting strong community engagement.

Literary Publication (Oct 18, 2025)

Laksharajsinh Jadeja's (Class VIII) piece 'Friendship with a Diya' was featured in Kutch Mitra Junior, highlighting students' growing literary skills.

SSC Examination Centre Status

AVMB has been designated as an SSC Board Examination Centre, recognizing its strong infrastructure, integrity, and organizational capability

Empowering Minds & Building Futures at AVMB

Holistic Training Framework for Educators

- **NABET Accreditation :** AVMB is the region's only State Board school with NABET Accreditation, ensuring quality education.
- **Faculty Empowerment :** A two-day training with Jeevan Bharati, Surat, strengthened classroom management and TLM-based teaching.
- **ICT Training for Educators :** Teachers attended a workshop on Canva and Adobe AI tools to create digital lesson plans, posters, and videos.
- **STEM for Bharat :** Teachers joined a STEM session to enhance hands-on, 21st-century teaching.

Major Co-Curricular Activities

- **Regional Science Fair :** Students showcased Mangrove and Eco-brick projects at the Taluka and SVS Science Fair.
- **Parent-Teacher Meeting (PTM) :** The session encouraged parent-teacher interaction and featured a Live Abacus Demonstration.
- **Project Udaan Visit :** Students visited Mundra Port and the Power Plant for hands-on exposure to industrial operations.
- **Kala Utsav Celebrations** The event showcased students' creativity through storytelling, painting, and traditional crafts.
- **Sanskrit Gaurav Examinationg :** Students took the Sanskrit Gaurav Exam to enhance their Sanskrit proficiency.

Health, Safety & Awareness Initiatives

- **TD Vaccination:** A TD vaccination and medical screening drive was conducted for Classes V and X to ensure student health and safety.
- **Anti-drug Awareness session:** Students created "No Drugs" artworks to spread awareness about substance abuse and encourage healthy choices.
- **Health Awareness Seminar :** A parent session on student well-being covered nutrition, mental health and hygiene.
- **108 Emergency Training :** Students received hands-on CPR and first-aid training from the 108 Emergency Team.

Skill-Based & Cognitive Development Programs

- **Mental Mathematics & Abacus:** Specialized Abacus training provided to enhance speed, logical reasoning, and mathematical accuracy.
- **Activity-Based Learning (ABL):** ABL uses subject-specific TLMs, from KG tools to senior science models, supporting experiential learning.
- **Digital Literacy Initiative:** Consistent ICT training has enabled the use of AI-based tools in teaching, strengthening readiness for a tech-driven future.

Udaan

About Project
Udaan is a special project inspired by the life-changing story of Mr. Gautam Adani. As a child, he had visited the Kandla port in Gujarat, and after looking at the expanse of the port, he dreamt of having his own port one day. The rest is history. Under this project, exposure tours are organized wherein school, college students, faculties, employees from corporates are given a chance to visit the Adani Group facilities. Under this project, services are absolutely-free of cost for government schools.

Vision
To create a pool of inspired young minds for nation building at a global scale.

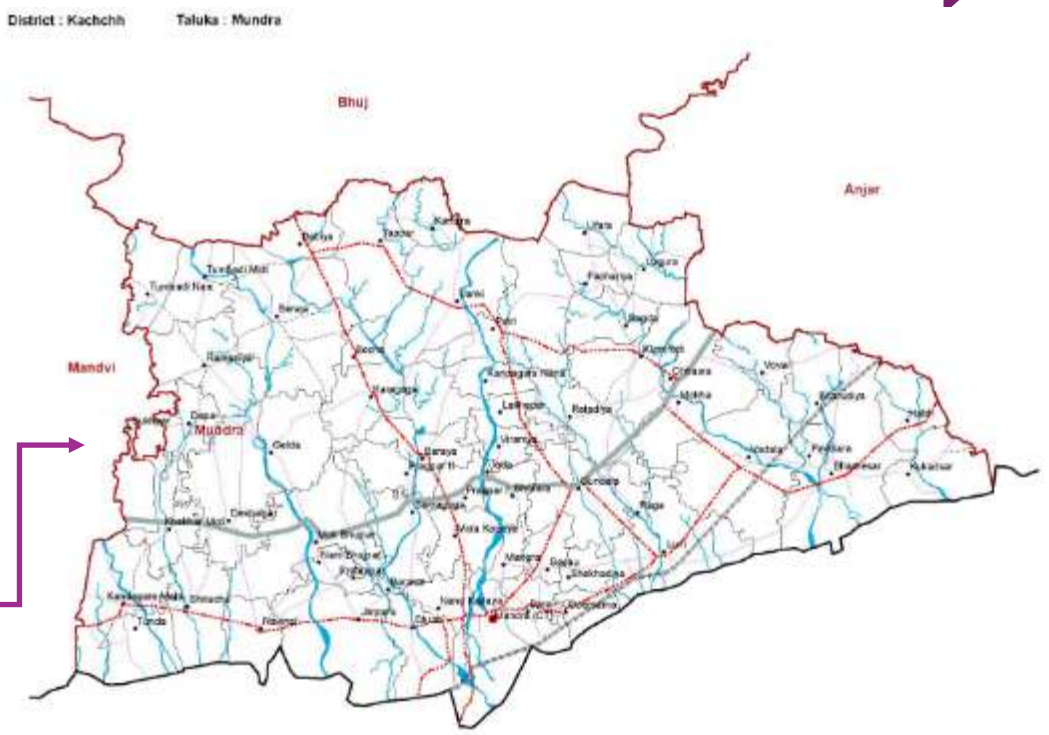
Mission
To motivate young students to dream big by exposing them to world-class industrial facilities.

Total number of schools/colleges/institutions	Total number of participants
582	37,819

CSR KUTCH

Demographic Details

Block	Villages	No. of HHs	Population
Mundra	61 Village	35,192	1,53,179



Environmental Sustainability

"Sustain the earth,
sustain life"

Adani Foundation's Commitment Towards A Greener Future

Through diverse environmental projects, the Adani Foundation continues to drive meaningful action toward a resilient and sustainable future.

Climate Action

In a time when environmental responsibility is essential, our commitment to protecting and strengthening the natural ecosystem is demonstrated through a wide range of focused initiatives. These efforts address pressing environmental concerns while aligning with the United Nations Sustainable Development Goals (SDGs), ensuring an integrated and long-term approach to sustainability.

Terrestrial Biodiversity Conservation:

Adani Foundation is committed to conserving terrestrial biodiversity through wide-ranging environmental initiatives. These efforts focus on increasing green cover, rejuvenating ecosystems, and encouraging active community participation in environmental responsibility.

Through large-scale afforestation drives and community-driven green programs, the Foundation has made a meaningful contribution to strengthening ecological balance and promoting long-term sustainability across multiple regions.

Sr.No	Year	Village	Acre	Total Plants	Budget
1	2021-22	Nana Kapaya	2.5	5,880	AF Mundra
2	2023-24	Dhrab	3	5,350	AF Mundra
3	2024-25	Pipari	3	10,005	AF Mundra
4	2025-26	Vira Anjar	2	4,500	AF Mundra
5	2025-26	Viraniya	4	6,000	AF Mundra
6	2025-26	Moti khakhar	2	4,000	AF Mundra
		Total	**16.5**	**35,735**	

Green Cover Expansion

Adani Van – Harit Paryavaran ki Ek Pahel

A large-scale plantation initiative transforming barren land into thriving green spaces and promoting sustainability.

Biodiversity Enrichment

The presence of 78 bird species, 4 mammal species, and 12 insect and reptile species demonstrates strengthened biodiversity and healthier habitats.

Total:
35,735 Trees
Across 16.5 acres

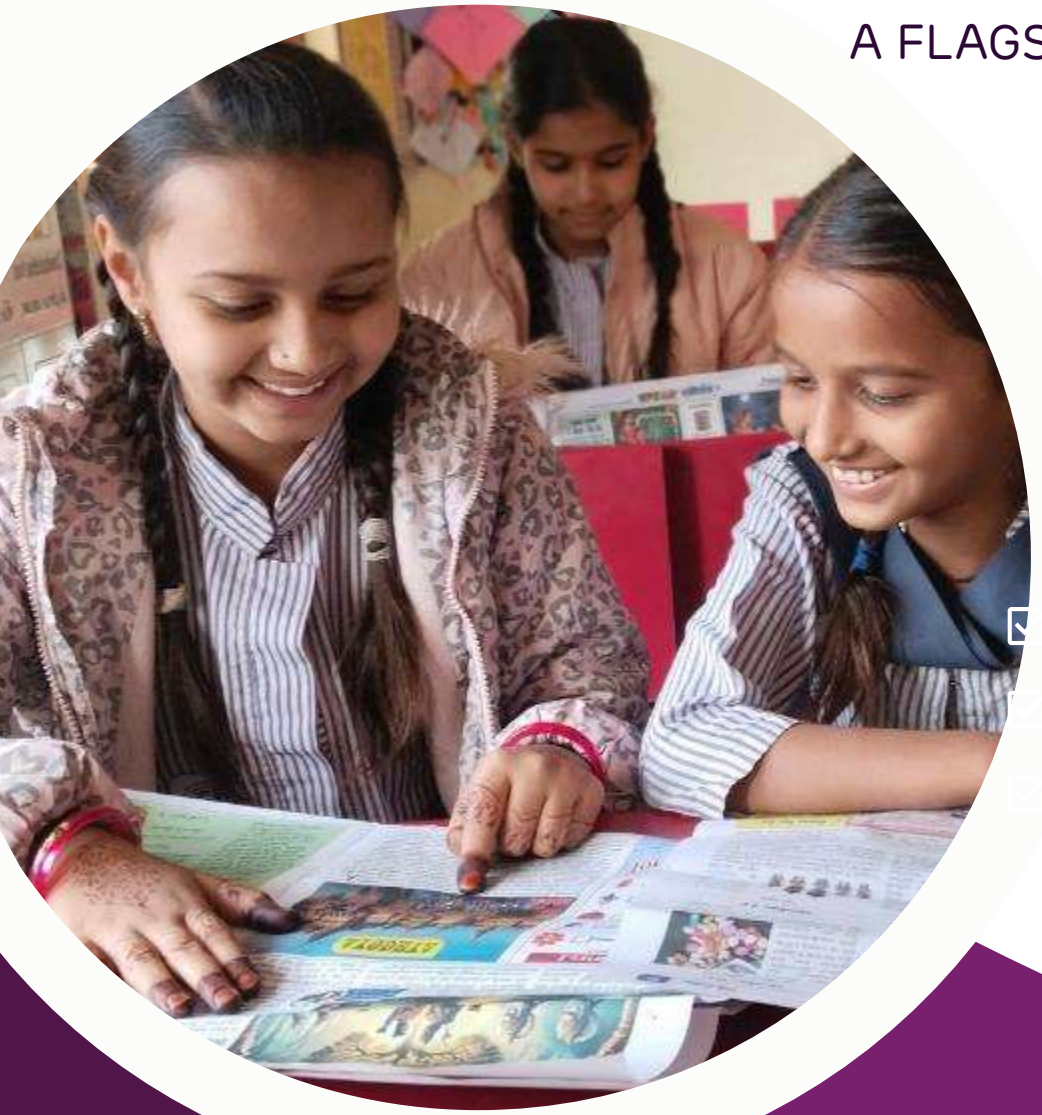
Education

"Empowering minds today,
for a brighter Tomorrow"

उत्थान by adani Foundation

PROJECT UTTHAN :

A FLAGSHIP PROJECT BY ADANI FOUNDATION



The Adani Foundation launched Project Utthan in 2018–19 through an MoU with GoG to strengthen grassroots education. The initiative enhances learning outcomes with support from Utthan Sahayaks. It adopts government schools and tutors Priya Vidyarthis. English is introduced as a third language. Parents—especially mothers—are engaged to improve FLN skills.

- Adopted government primary schools to improve learning environments, reduce dropout ratio, and support progressive learners through targeted tutoring.
- Implemented academic and co-curricular activities, including introducing English as a Third Language and building staff capacity.
- Strengthened foundational literacy and numeracy by engaging teachers, educators, and mothers in the learning process.

Education | Project Utthan

11,532 Students benefitted

69 Primary Schools

12 Secondary & Higher Secondary Schools

Utthan is transforming government primary schools into vibrant learning hubs through modern teaching methods, improved infrastructure, and engaging co-curricular activities. By involving parents—especially mothers—it strengthens community participation and learning outcomes.
Aligned with NEP 2020 and the SDGs, Utthan promotes inclusive, equitable, and quality education while fostering lifelong learning.

Objectives

- Mainstreaming Progressive Learners
- Character Building by Co-curriculum activity
- Creating Joyful learning spaces
- Mothers as catalyst in transformation

Reimagining Rural Education: Utthan Project in Action

01

Enhanced Student Engagement and Learning outcomes

Students showed improved academic performance, particularly in foundational areas such as reading, writing, numeracy, and increased engagement in subjects like Hindi and English.

02

Strengthened Teaching Practices and Classroom Management

Sahayaks and teachers demonstrated better classroom management skills, more compassionate teaching approaches, and increased confidence in using technology for instruction.

03

Holistic Development of Children

The project contributed to children's overall development, including cognitive skills, creativity, social-emotional growth, confidence, and general well-being.

04

Professional and Personal Growth of Sahayaks and Teachers

Training sessions fostered professional skill development, emotional resilience, and a stronger sense of purpose and connection with students.

05

Increased Parent Involvement and Awareness

Parents became more aware of their role in education, actively supported their children's learning, and showed greater interest in school activities despite personal or professional challenges.

06

Stronger Parent–Teacher–Community Relationships

Home visits, mothers' meetings, and community engagement initiatives strengthened trust, collaboration, and emotional connections between families, schools, and the community.

07

Improved School Attendance and Positive Student Behavior

Enhanced student attendance—especially in remote areas—and positive changes in student behavior were observed, driven by emotional bonding, community support, and consistent engagement.

Student Development & Educational Initiatives

- The Green School Project reduced plastic waste through eco-bricks, earning a WorldWide Book of Records achievement and community impact.
- **81 Schools 8,200 Students**

Environment Education Project

- Conducted STEM and competitive exam trainings, implemented special Abacus support programs, and encouraged government teacher participation.
- **76 Teachers 13,680 Hours**

Training Programs

- Supported competitive exam coaching with study materials, practice tests, and expert guidance.
- **52 Schools 2,726 Students**

Adani Competitive Coaching Center

- Utthan Sahayaks trained and conducted reading workshops to build students' reading habits through engaging activities.
- **650 Workshop 18,000 Students**

Reading workshop

- Distribution of sports kits, music kits, TLM kits, and stationery kits.
- **11,532 Students**

Material kit distribution

- Engages students in fun and educational activities, promoting their holistic development.
- **7,500 Students**

Summer camp & Diwali Mela

- Supports Class 10 students in making informed decisions about their future.
- **448 Students**

Career counselling (12 High schools)

- Initiatives to strengthen co-curricular activities and foster a joyful learning environment.
- **11,532 Students**

Day Celebration

- To enhance the school environment and encourage creativity, the Adani Foundation completed wall painting work across multiple schools, contributing to students' holistic growth.

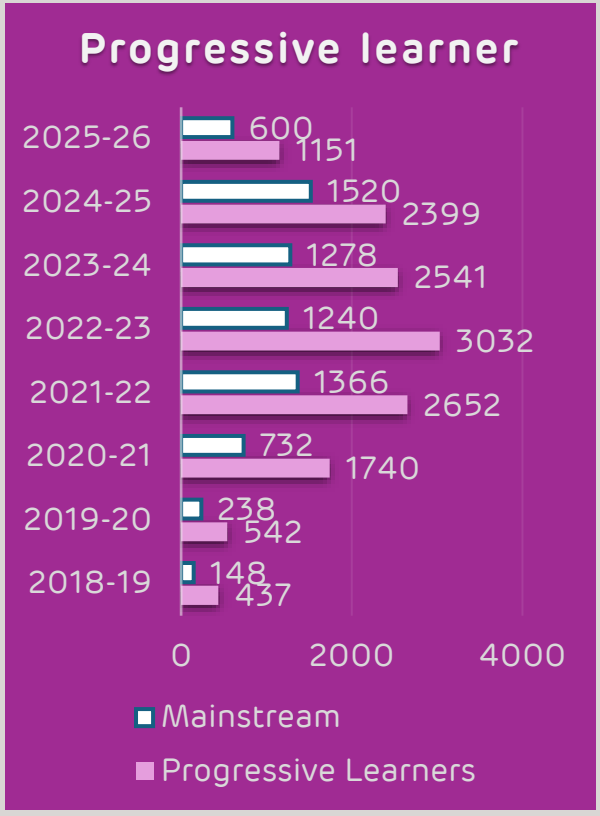
Bala paintings

- Parent-Teacher Meetings were conducted for high School students twice during the year to provide academic guidance.
- **1,150 Students**

Parent's meeting

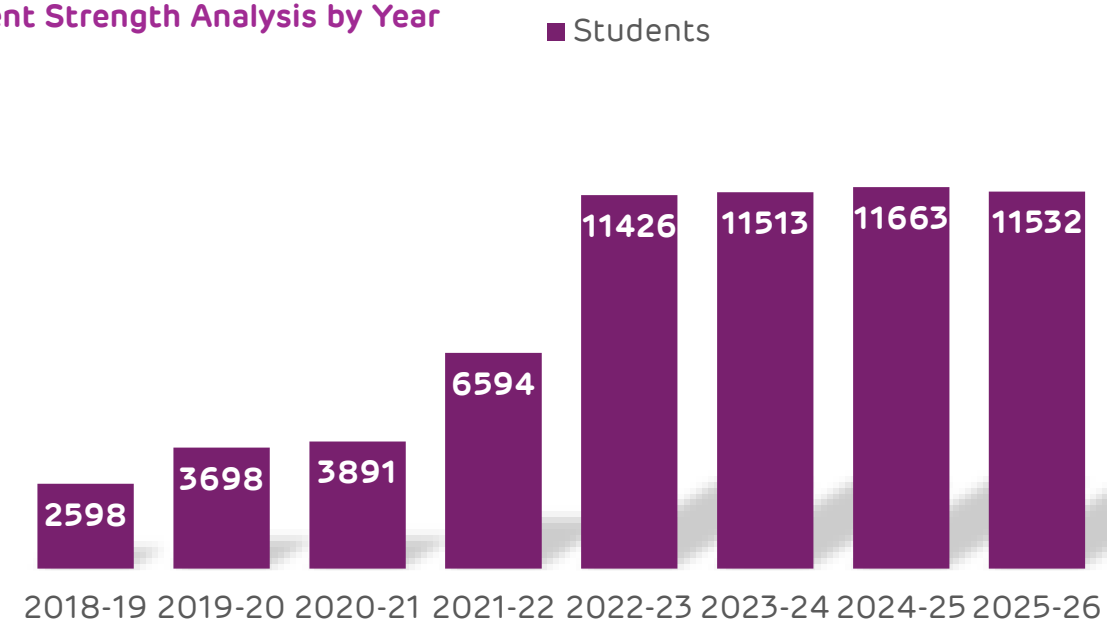
Progressive learner

Teaching progressive learners involves using innovative approaches and activity-based learning to mainstream all students, focusing on foundational literacy and numeracy (FLN).



Progressive Students : Strengthening foundational literacy, numeracy and skills

Student Strength Analysis by Year



Some glimps of Utthan Students

Community Health

"A healthy community is a strong community"

Community Health

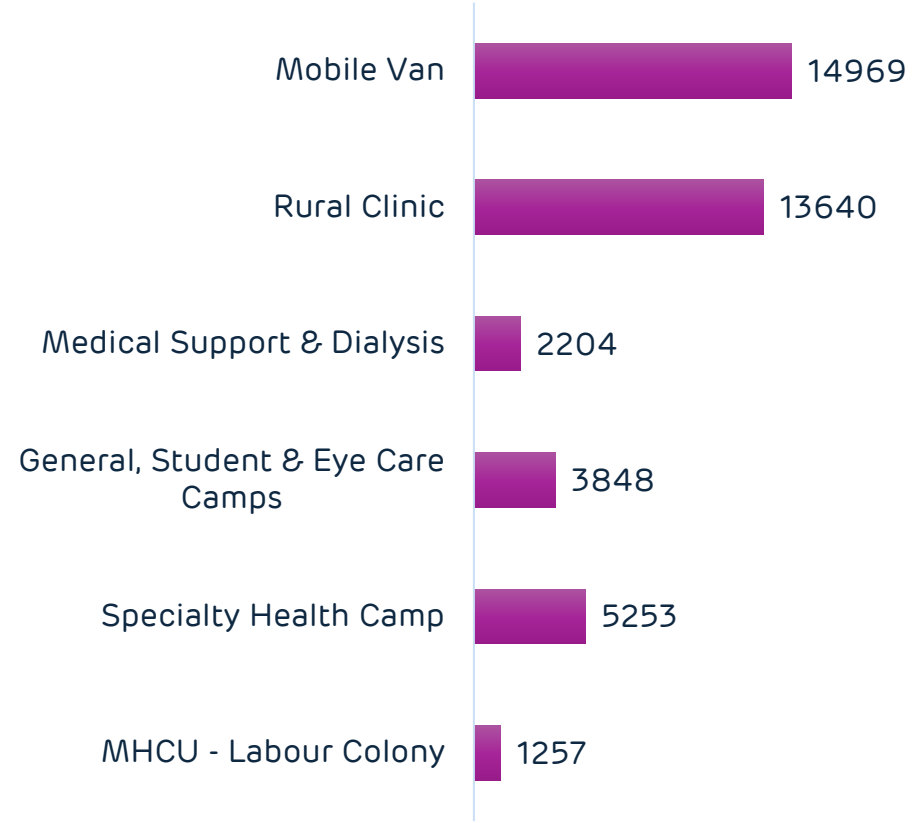
Good health forms the foundation of a strong and progressive community. Through its health interventions, Adani Foundation works to improve access to quality healthcare in rural and remote areas, with a strong focus on reaching underserved populations in Kutch.

The Foundation adopts a comprehensive approach that integrates preventive, promotive, and curative care. Mobile medical services, rural clinics, and specialized health camps ensure timely medical attention, while health awareness initiatives encourage early diagnosis and healthy practices, with special emphasis on women, children, and eye care.

By partnering with Adani G.K. General Hospital in Bhuj and Adani Hospital in Mundra, medical professionals, and community institutions, the Adani Foundation continues to strengthen the local healthcare ecosystem. These sustained efforts support long-term well-being and contribute to healthier, more secure communities

Healthcare Outreach

Beneficiaries:



Our Services

13,640 Patients benefitted

Rural Clinics

Established across 6 villages in Mundra and 1 village in Mandvi, delivering essential healthcare.

16,226 Patients benefitted

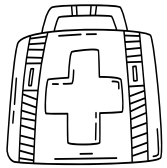
MHCU

Mobile Health Units served 28 villages, including 7 fishing settlements, across 29 stoppages including MHCU labor colony

2,204 Patients benefitted

Financial assistance

Providing life-saving hospital care for economically vulnerable patients.



General Health Camp

Free healthcare access through consultations, check-ups, and medicines.

1,768 Patients benefitted

Specialty Health Camp

Focused specialist care for women, children, and outbreak response.

5,253 Patients benefitted

39,091
Consultations

Healthcare Interventions

Medical Equipment Support

The Adani Foundation supplied essential medical equipment to 7 PHCs and 42 Sub-Centers in Mundra Taluka (Average cumulative OPD is 45000 per month) , strengthening primary healthcare delivery in remote villages. This support enables timely diagnosis, improves treatment quality, and reduces the need for patients to travel for basic medical service.

A total of 1,093 beneficiaries were covered under the health screening program.

OPD and IPD Services at Adani Hospital

OPD : 42,825
IPD : 2,391
TOTAL : 45,216

Student Health Awareness Sessions

This year, health and hygiene awareness sessions were conducted across primary schools in Mundra Block to promote essential cleanliness habits and preventive care.

Total of 711 students and teachers participated in the awareness sessions. Additionally, 1,093 students underwent basic health screening to identify early health concerns and encourage timely follow-up.
This initiative helped strengthen students' understanding of healthy habits and supported overall well-being across the schools.

Sustainable Livelihood Development

"Empowering hands, transforming lives"

SLD- Women Empowerment

The Adani Foundation prioritizes women's empowerment through skill development, entrepreneurship, and self-reliance initiatives. By providing training, resources, and market linkages, it enhances livelihood opportunities for women.

In collaboration with government programs, it strengthens Self-Help Groups (SHGs) to promote savings and sustainable enterprises. The foundation also advances women's health and hygiene through focused awareness efforts, fostering economic independence, social inclusion, and overall well-being in its project areas.

“Self Help Group – A Mile Stone !

Over the past decade, Adani Foundation has been actively driving women empowerment in the Mundra region by promoting Self-Help Groups (SHGs) and enabling sustainable livelihood opportunities. The initiative focuses on transforming women from low-income backgrounds into confident, self-reliant entrepreneurs through structured training, financial inclusion, and continuous handholding support.
The program has delivered strong, measurable impact. Currently, 15 high-performing SHGs are operating as successful micro-enterprises with a combined annual turnover exceeding ₹3.5 crore and total profits of over ₹1 crore, directly benefiting 150+ women. In addition, several other SHGs are in different stages of growth, steadily progressing towards financial independence.
Adani Foundation’s approach integrates capacity building and enterprise development, including training in financial literacy, digital skills, business management, and operational efficiency. Continuous mentorship ensures that women not only start businesses but also sustain and scale them effectively.

<u>The impact is best reflected through key success stories:</u>

- Shri Saheli SHG (Tunda Village): A group of 10 women, with limited formal education, successfully built a service enterprise and expanded operations by employing 30 additional women, achieving an annual turnover of ₹84 lakh.
- Shraddha Saheli SHG (Mota Kapaya Village): Starting with basic roti-making in 2017, this group evolved into a structured food business, reaching an annual turnover of ₹54 lakh, despite minimal educational background.
- Food Sisters SHG (Nanakpaya Village): Beginning in 2020 with a small food setup, this group scaled into a thriving enterprise with an annual turnover of ₹44 lakh, where each member now earns ₹25,000–₹30,000 per month.

These examples highlight a clear transformation—from zero or minimal income to sustainable enterprises, and from low confidence to independent decision-making.
Overall, Adani Foundation has successfully created a replicable and scalable model of women-led economic empowerment.
The initiative demonstrates that with the right ecosystem of training, resources, and mentorship, women can achieve significant financial growth and become key contributors to their households and communities

SHGs Income Details F.Y.2025-26

Sr. No.	Name of Group	Village	Expertise	Establish	Strength	Turnover 2025-26)	Profit
1	Shree Saheli Swa Sahay Group	Tunda	Labour Cleaning Contract	2023	11	85,00,000	17,00,000
2	Shraddha Saheli Swa Sahay Group	Mota-Kapaya	All Types of Food items	2018	10	54,00,575	18,00,000
3	Food Sister Saheli Swa Sahay Group	Nana-Kapaya	All Types of Food items	2021	10	44,40,250	14,00,000
4	Sonal Saheli Swa Sahay Group	Shekhadiya	Washing Powder & Phinial	2016	10	40,78,700	6,11,805
5	Pantjanpir Saheli Group	Patjanpir	Cow Support	2021	15	26,82,750	13,50,000
6	Radhe Saheli Swa Sahay Group	Zarpara	Expert in Dhadki	2019	12	9,46,564	3,40,000
7	Meghadhanush Saheli Swa Sahay Group	Mundra	Various Mud Art Work	2018	12	9,20,000	4,00,000
8	Jay Momai Saheli Swa Sahay Group	Mota Kandagra	Bandhana Work	2018	10	8,89,000	3,50,000
9	Tejashvi Saheli Swa Sahay Group	Mundra	All types of Stitching related work	2018	16	8,50,000	3,00,000
10	Sundar Saheli Swa Sahay Group	Mundra	Beauti Parlour Group	2021	14	6,80,000	3,40,000
11	Madhav Saheli Swa Sahay Group	Deshalpar	Various Snacks & Millet item	2022	10	5,49,200	2,80,000
12	Soof Handicraft Items	Pragpar-2	Soof,Kharek Various Handicraft Work	2021	15	5,00,000	2,50,000
13	Umang Saheli Group	Mundra	Doori work & Soft toys	2020	10	3,10,000	2,00,000
14	Jyot Saheli Swa Sahay Group	Mundra	Bid Items	2022	10	1,75,000	1,00,000
15`	Gopal Gir Gaushala	Patri	Natural Ghee & Buttermilk	2023	1	18,00,000	6,30,000
					166	**3,27,22,039**	**1,00,51,805**

- Total Turnover - Three Crore twenty-seven lacs Twenty two thousand thirty nine rupees only (3.27 Crore)
- Total Profit - One Crore Fifty one thousand eight hundred five rupees only (1.05 Crore) between 148 Women

Women Empowerment

Anganwadi Outreach

Child–mother sessions on health, hygiene, nutrition & safety

Mothers' Meetings

Structured sessions on hygiene, nutrition, mental health & parenting

325 women

Fisher Folk Community Programs

Sessions on menstrual health, anemia, mental health & adult education

Artisan Card Support

Artisan cards were provided to women to support livelihoods and recognize their skills.

63 women

Training & Skill Development

Training in beauty, mehendi, and handicrafts promoted women's skills and self-reliance.

477 mothers

Job Sourcing

Adani Foundation facilitated interview opportunities for community members, supporting access to employment.

305 candidates

522 Women Employed at Solar till date

Digital Literacy Training

- Adani Foundation, with the support of ICICI Bank, conducted digital literacy training to strengthen rural women's financial and digital awareness.
- Covered key topics such as savings, KYC, CIBIL score, ATM usage, fixed & recurring deposits, pension schemes, insurance types, Ponzi schemes, and protection from financial fraud.
- 16 villages covered through 19 awareness meetings, expanding outreach in rural communities.
- Enabled women to make informed financial decisions in the digital economy.

1,000+

Rural women trained

Fisherfolk Community

783
Educational Kit Support

Fisherman Shelter support
273

1,748
Vehicle Transportation Support

Cycle Support to High School going students
111

679
Scholarship Support

Youth Employment
494

195
Linkage with Fisheries schemes

Ramatostsav Community Engagement
3,534

7,52,000
Mangroves Plantation saplings

Fisherfolk Community

Education Kit Support

Providing essential study materials to 95 fisherfolk students this year in HSC and graduation helps reduce financial barriers and enables them to pursue their education with confidence.

Vehicle Transportation Facilities

Facilitated safe school transportation for 101 children this year from Luni, Shekadiya and Tragadi Bandar, ensuring regular attendance without barriers.

Planatation

Completed 10,000 mangrove plantations through gap filling and developed 15,000 nursery saplings this year at the Luni and Hamari Mora sites, strengthening coastal biodiversity, and supporting sustainable livelihoods for local communities

Scholarship Support

Scholarships worth ₹3,70,052 were provided to 31 students this year to support their higher secondary and technical education, helping create better future opportunities for them and their families.

SLD- Animal Husbandry

Declining rainfall and increasing groundwater salinity have posed significant challenges to traditional farming.
In response, the Adani Foundation has taken proactive measures to strengthen agriculture and support livestock owners in nearby villages.]

691,730 kg
Dry Fodder

24,27,443 kg
Green Fodder

16,239
Cattle Benefitted

1930
Cattle Owner Benefitted

PASHUDHAN INITATIVE : This initiative focuses on two key areas:

Preventive Healthcare

- Regular cattle health camps conducted across 7 villages in partnership with the Animal Husbandry Department.
- Veterinary check-ups, vaccinations, and treatment for common livestock diseases.
- Administration of life-saving vaccines for Foot-and-Mouth Disease (FMD) and Clostridial infections.
- Supply of essential medicines and vaccines by the Foundation.
- Strengthening livestock health, improving farmer livelihoods, and building community resilience.

5949
Cattles Vaccinted

21
Cattle owner benefitted

200
Deworming Tablet distributed

Fodder Support

- Provides high-quality dry and green fodder to 24 nearby villages.
- Supports communities during harsh summers, droughts, and crop failures.
- Benefiting over 1,900 cattle owners and covering 16,239 cattle.
- Ensures livestock health and strengthens rural livelihoods during critical periods.

Community Development

"Infrastructure that connects, empowers, and sustains"

Community Development

Strengthening Water Security

Adani Foundation enhanced water resources through pond deepening, tank renovation, RRWHS setups, and river cleaning—improving water availability for households, farmers, and livestock across villages.

Enhancing Connectivity & Public Utilities

Development of CC roads, pipe culverts, approach roads, open sheds, gaushala facilities, and fishermen settlement infrastructure improved mobility, supported livelihoods, and created more functional community spaces.

Upgrading Social Infrastructure

Renovation of schools, community halls, crematoriums, sports areas, and health facilities strengthened access to education, healthcare, sanitation, and recreation—helping build more resilient rural communities.

CID - Key Community Developments

Luni and Sadau open shed

The open shed development in Luni and Sadau will provide a safe and accessible space for community meetings and events, strengthening social interaction and long-term community well-being.

Bhadresar and Vovar common gathering shed

The development of common gathering shed in Bhadresar and Vovar will create a safe and inclusive space for community meetings and events, promoting social connection and community well-being.

Construction of CC road Nana Kapaya

The construction of the CC road in Nana Kapaya will improve safe access, ease daily movement, and support better connectivity for the community.

Swavlamban

“JOURNEYS OF DIGNITY AND HOPE.”

The Adani Mangal Seva:

Adani Foundation launched Mangal Seva, a meaningful initiative aimed at empowering differently-abled married women. This transformative program is a reflection of the Foundation's commitment to inclusive and sustainable development.

Objective

Enables women to plan their futures with assurance, exercise independent decision-making, and participate fully in family and community life. Under this initiative, the Adani foundation has pledged annual financial assistance of ₹10 Lakh to 500 married female divyangs.

financial assistance of
₹10,00,000/-
to 500
married female divyangs.

"Service is the highest form of devotion."

Seva Saadhna Hai, Seva Prarthana Aur Seva Hi Parmatma Hai .

-Mr. Jeet Adani

Impact

01 Ensuring a future of dignity, security, and stability for beneficiaries. & Strengthening inclusivity and social upliftment through impactful support

02 Divyang individuals gained access to entitlements, boosting confidence & community participation and Improved Livelihood Opportunities.

03 Strengthened rural outreach village level engagement ensured that even remote beneficiaries received timely support and recognition.

Swavlamban :

- **Government Scheme Facilitation:** Divyang individuals supported with medical certificates, bus passes, Sant Surdas benefits, and marriage assistance through documentation and enrollment help.
- **Empowerment & Inclusion:** Provided competitive exam kits, assistive equipment, and job placement support, fostering self reliance and social dignity under the Swavlamban Project

Support by Adani Foundation

Sr. No.	Activity	Beneficiaries
1	Job Fair	105
2	Sawavlaban IG Support	92
3	AF Equipment Support	252
4	AF Neo motion EV	48
5	Talent Hunt	675
6	Exam Kit Support	62
7	Adani Mangal Seva	500
8	Musical & Education Kit Support	40
	Total	**1774**

Promote Educational & Career Readiness
Enhance Mobility & Daily Living

Enhance Mobility & Daily Living

Beneficiaries Count

Government Scheme Facilitation

Sr. No.	Scheme Details	Govt. Support (Rs./Month / One Time)	Total Beneficiaries	Total Amount per Month (INR) – Last Year
1	Widow Pension	1,250 / Month	683	1,02,45,000
2	Divyang Pension	1,000 / Month	128	1,536,000
3	Niradhar Pension	1,000 / Month	126	1,512,000
4	Palak Mata Pita	3,000 / Month	5	1,80,000
5	Bus Pass	300 / Month	615	22,14,000
6	Divyang Govt Sadhan Sahay	One Time – 10,000	195	1,95,00,000
7	Artisan Card	One Time	62	—
8	Divyang Sadhan Sahay	One Time – 75,000	4	3,00,000
9	Divyang Certificate	—	666	—
	Total		**2,484**	**1,34,73,000**

48 Advancing Sustainable Mobility: Electric Vehicle Initiative

Till date endeavor

AF livelihood support to 1774 Divyangs.

2484 in availing Government services

Objective: Creating a platform that:

- Leverages a common interest
- Invokes positive sentiment
- Brings all factions of community together

Focus: Engage such that everyone in community feels connected & participates

Key Outcomes

- **Unity & Social Harmony:** People from diverse backgrounds came together, strengthening communal bonds and mutual respect.
- **Spirit of Volunteerism:** Community groups actively contributed through voluntary services throughout the event.
- **Spiritual & Positive Environment:** The Katha fostered a serene, value-driven and uplifting atmosphere for all attendees.

- **Community–Business Connect:** Strong goodwill and engagement between the community and Adani team.
- **Economic Encouragement:** Local vendors and small businesses benefitted from increased activity during the event.
- **Food & Medical Support:** Devotees received prasad and free medical facilities during the program.

1,00,000 beneficiaries attended the 7-day spiritual event.

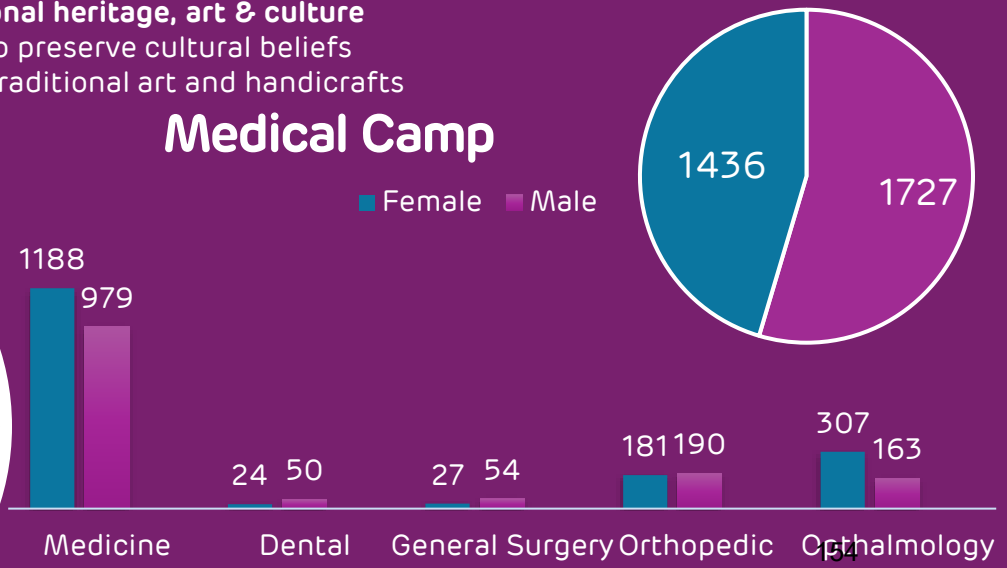
Alignment with Core Thematic Activities

- The event provided a platform to gather people for health examination & medicine dispensation
- Marketplace alongside the venue offered the opportunity for the local economy to bloom
- Blending cultural–spiritual engagement with initiatives that support community welfare and empowerment.

Protection of national heritage, art & culture

The event served to preserve cultural beliefs

- Promotion of traditional art and handicrafts



Events

Child Health Care Program – Bidada Sarvodaya Trust

Supported by Adani Foundation (18–24 December 2025), 7,500 government school students received health check-ups with transportation support. The program focused on early detection and preventive healthcare for children from remote areas.

Swavalamban

Enabled 50 differently-abled individuals with self-employment support and electric wheelchairs, fostering independence, dignity, and inclusive development.

Improving Rural Connectivity

2 km road stretch cleaned and treated with GSB, improving school access for children and enabling smoother market connectivity for farmers and orchard residents.

Pilgrim Medical Support Camp:

During Navratri, Adani Foundation organized a medical camp for pilgrims walking to Mata no Madh, providing doctors, medicines, and emergency transport

Balvatika Inauguration

Adani Foundation inaugurated a Balvatika at Zarpara School, benefiting 38 girl students by creating a nurturing early learning environment and strengthening access to quality education.

Events

Employee Volunteering

Adani Foundation employees supported community well-being through the distribution of nutrition kits at GK General Hospital, reinforcing their commitment to health and social impact.

International Coastal Cleanup Day Celebration at Salaya Beach, Mandvi

Adani Foundation organized beach clean-up with 150+ participants promoting marine biodiversity awareness, graced by MLA Shri Anirudhbhai Dave.

Education Support for Fishing Communities

80+ students from Mundra and Mandvi talukas supported through annual education kit distribution, with transportation assistance ensuring continued access to higher education.

Water Conservation

Renovation of Mamal Sagar enabled storage of 22,500+ CUM of water, benefiting 50+ farms and improving groundwater levels to strengthen local water security.

Women Entrepreneur Support:

Adani Foundation provided resource support to 50 women entrepreneurs from 5 SHGs, strengthening their journey toward sustainable livelihoods.

Events

Foundation Day at JNV Dumra

Program engaged 50+ employees and 560 students at JNV Dumra through tree plantation, safety training, and health check-ups, strengthening health and environmental awareness.

Community Infrastructure for Fishing Villages

A community shed was constructed in Tragadi and Modhva, providing a shared space for social gatherings, events, and collective activities to support the local fishing community.

Sangeet Prathibha Shodh- Program

104 students from across Kutch participated in singing and instrumental categories. All participants were awarded trophies, promoting cultural heritage and boosting confidence among rural talent.

World Disability Day Celebration at Nana- Kapaya

About 70 differently-abled individuals from Mundra and nearby areas took part in the event, receiving cabins, handcarts, sewing machines, and household-industry tools to support self-employment.

World Disability Day Celebration at Madhapar

The program honored and empowered over 300 persons with disabilities, offering digital training on tools like Sugamya Bharat and the Aadithi Chatbot. Educational kits were distributed to all participants.

Events

Tree Plantation Held on Hon'ble Chairman's Birthday at Zarpara Village

Village leaders and the Adani Foundation team attended, and a pledge was made to plant 5,000 trees.

Tree Plantation Held on Hon'ble Chairman's Birthday at Dhrab Village

Adani Vidya Mandir students and staff pledged to plant 5,000 trees, joined by village leaders and the Adani Foundation team.

Experiential Learning under Training Program

Teams from Mundra, Hazira and Dahej visited Aamba Pada village and Ambika Bagayat Cooperative in Dang to observe BAIF's bamboo livelihood and Wadi project initiatives. The exposure enhanced participants' understanding of sustainable livelihood models and value addition.

International Women's Day Celebration at Adani House

Women from the Kutch gathered to watch the live Swabhimaan – The Rise of She event, where Dr. Priti Adani announced the expansion of the Swabhimaan programme to empower 10 lakh women entrepreneurs across India.

Healthcare support

Adani extended healthcare support to Mundra by providing an ambulance to Gauraksha Seva trust to improve emergency care and community wellbeing.

AWARD & RECOGNITION

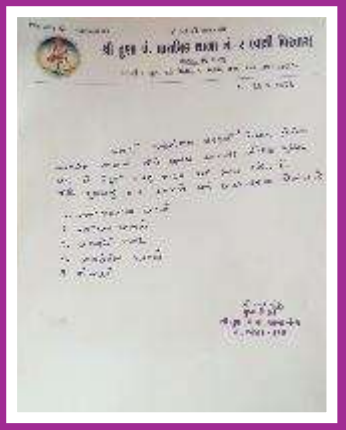
Best Performing Organization For Divyang

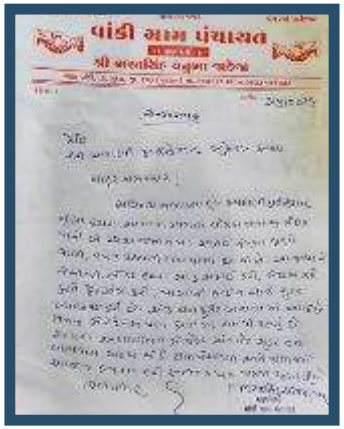
On the occasion of the World Divyang Day, Adani Foundation was honoured with an award in recognition of its exemplary contributions, undertaken in collaboration with Navchetan Sanstha, toward the welfare and empowerment of persons with disabilities.

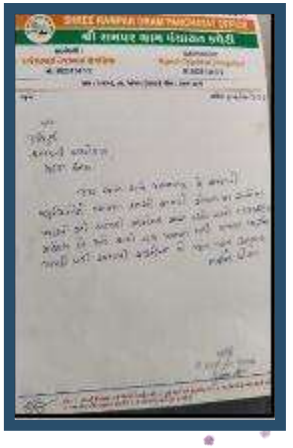
Best Performing Organization For Adani Van

An award was conferred upon the Adani Foundation in recognition of the exemplary performance of the Adani Van initiative implemented in Beraja village.

APPRECIATION LETTERS







Book Publication

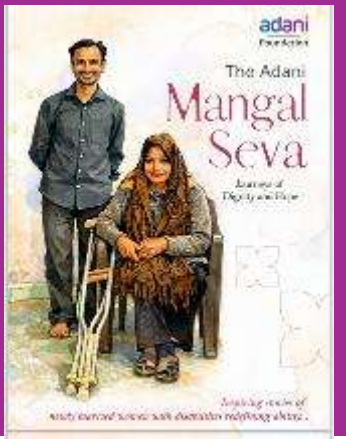
“Mangal Seva”

Journeys of Dignity and Hope

The Adani Mangal Seva initiative builds on the Adani Foundation’s wide development footprint across 7,000+ villages and urban centres in 22 states, impacting 9.6 million+ lives through programs in education, healthcare, and livelihoods. The initiative focuses on empowering newly married women with disabilities by providing financial security and promoting dignity, independence, and social inclusion.

Under the program, each eligible beneficiary receives ₹10 lakh as financial assistance through a fixed deposit, ensuring long-term financial stability and enabling women to pursue livelihoods, education, or entrepreneurship. With a vision to support 500 newly married women with disabilities, the initiative aims to create sustainable impact for families and communities.

Aligned with frameworks like the RPwD Act, 2016 and UNCRPD, the program goes beyond financial aid to promote dignity, equal opportunity, and inclusive community development.



Book Publication

“Roots of Revival”

Reclaiming the Earth Through afforestation

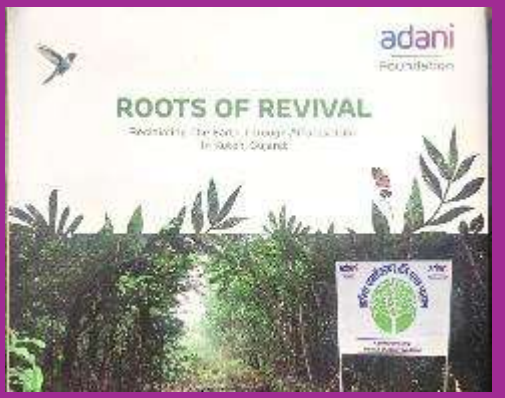
The Adani Foundation’s Roots of Revival initiative reflects our sustained commitment to environmental conservation and climate resilience. Through scientifically planned and community-led afforestation efforts across Kutch, Gujarat, the program focuses on restoring degraded landscapes, enhancing biodiversity, and strengthening ecosystems. The Adani Foundation’s green initiative, Harit Paryavaran ki Ek Pahal, outlining its systematic approach to environmental restoration.

During the reporting period, the program achieved the following outcomes:

- 89,400+ saplings planted, contributing to long-term ecological regeneration.
- 12 villages covered, ensuring broad community participation and strengthened ownership.
- 35 acres of land brought under green cover, biodiversity enhancement, and climate resilience.

The rejuvenated green space has emerged as a vital habitat for diverse species. Monitoring during the reporting period recorded:

- 77 avian species
- 4 mammalian species
- 4 insect species
- 8 reptile species



When Courage Finds a Classroom

> “Madam believed in me—even when I didn’t believe in myself.”

Meghvad Lalit, a student of Dhrub Primary School, arrived from Rajasthan carrying more challenges than most children his age. Unfamiliar with the Kutchi language and weakened by illness, he remained silent in class—rarely writing, rarely participating, and often falling asleep after recess. During breaks, he sat alone, too tired and too shy to join others.

The truth surfaced during a mother’s meet. Lalit was battling a lump in his neck, complete kidney failure, heavy medication, and frequent dialysis. His health had kept him away from school for nearly two months. His silence was not disinterest—it was exhaustion and pain.

Understanding his struggle, Aziz Fatima Ma’am stepped in with patience and care. She spoke to him in Hindi to build comfort and used TLMs and Bala painting to teach matras creatively. For the first time, Lalit connected with the lessons—he understood, remembered, and began believing in his abilities. Little by little, Lalit responded—he understood, he remembered, and for the first time, he believed he could learn. That small spark became the turning point of his journey.

From hesitant steps to confident strides, Lalit began reading and writing Gujarati. His notebooks filled with neat handwriting, his answers grew stronger, and he started participating eagerly in class. The boy who once sat alone during recess now laughs and plays with friends. Today, Lalit stands proudly among the progressive learners as one of the brightest, most hardworking students—his success shining even brighter because of the challenges he has overcome.

Restoring Vision, Renewing Life: A Journey Through Cataract Care

> “Restoring sight restores self-belief—one clear vision, one transformed life at a time.”

Jaimalji Noghanji Jadeja, a resident of Navinal Village, presented with a gradual, painless decrease in vision that was interfering with his daily activities, with no history of ocular trauma, prior eye surgery, infection, or systemic illness. Initial screening at the Adani Foundation Rural Clinic, Navinal, suggested an age-related cataract, and he was referred to Adani Hospital, Mundra, for further evaluation and management.

A detailed ophthalmic examination conducted by Dr. Sachin Firke under the “Cataract Free Mundra” initiative confirmed a mature age-related cataract with reduced visual acuity, while pupillary reactions, intraocular pressure, and posterior segment findings were normal. After appropriate counseling, the patient consented to surgical intervention.

Cataract extraction with foldable intraocular lens implantation was successfully performed on 05 February 2026 using a standard phacoemulsification technique under local topical anesthesia, without complications. Postoperatively, he demonstrated rapid visual improvement with no adverse events and, with good compliance to prescribed medications and postoperative instructions, achieved full functional visual recovery within four weeks. This case highlights the effectiveness of timely rural referral, modern surgical management, and structured postoperative care under the Cataract Free Mundra initiative.

From Hardship to Hope: The Shree Saheli Journey

> "We started with uncertainty, but today we work with confidence and pride."

In Tunda village near Adani Power, limited livelihood options left many widowed and less-educated women without stable income opportunities. Recognizing their need for economic empowerment, the Adani Foundation facilitated the formation of the Shree Saheli Self-Help Group (SHG).

The group initially started a small canteen with Foundation support, but due to low patronage, the venture closed. Undeterred, the women reassessed their approach and took up a cleaning contract within the Adani Power residential colony. With continuous guidance, training, and teamwork, they gradually built confidence and professionalism.

Today, the SHG provides stable employment to over 40 community members, with nearly 50 individuals earning ₹17,000–₹20,000 per month with annual turnover of Rs. 85 lacs. Beyond financial stability, the initiative has strengthened women's confidence, leadership, and dignity.
Shree Saheli SHG stands as a powerful example of resilience, collective action, and sustainable community empowerment.

A New Beginning for Barren Fields: Sustainable Farming Transforms a Farmer's Life

> "With drip irrigation, my land finally came to life. For the first time, I feel hopeful about the future of my farm."

A farmer from Bagda village in Mundra Taluka faced long-standing agricultural challenges due to rocky, uneven, and rain-fed land. With no access to reliable irrigation, he depended entirely on the monsoon, leaving a portion of his land uncultivated each year. The low and uncertain productivity severely limited his income, making farming a difficult and unpredictable livelihood.

The Adani Foundation provided timely financial support that enabled the farmer to install a drip irrigation system on two acres—his first experience with modern irrigation. This reduced the risks of rain-fed farming, lowered costs, and ensured efficient water use even during dry periods.

With drip irrigation, previously barren land became fully cultivable. The farmer successfully grew coriander (dhana) with healthier crops and better yields. This support significantly improved his productivity and strengthened his income, demonstrating how modern techniques and targeted assistance can transform rural livelihoods.

From Date Palm Fields to the University Gate: Gopal's Inspiring Journey

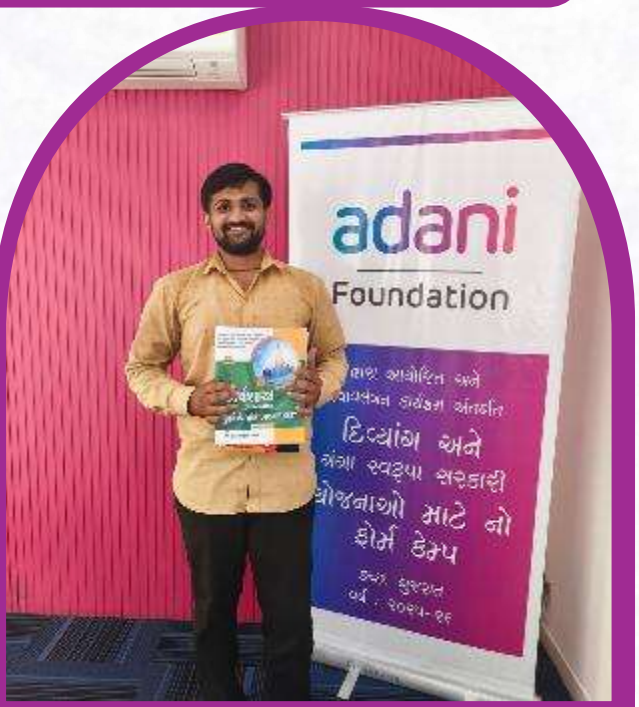
> "The opportunity I received through the Adani Foundation gave me the confidence to continue chasing my dream of research and higher education."

Gopal Samra Mindhani from Zarpra Wadi in Kutch spent his early years working in his family's date palm (Kharek) orchard. Despite the demanding farm work, he remained passionate about education and successfully completed his Master's degree in Economics while continuing to help his family.

Gopal always dreamed of pursuing a PhD and researching Kutch's iconic Kharek cultivation. In 2023–24, while searching for employment to support his family, he participated in the Divyang Employment Fair organized by the Adani Foundation.

Recognizing his dedication, the Adani Foundation appointed him as an Utthan Sahayak Teacher. Along with his teaching responsibilities, Gopal continued preparing for the UGC examination with determination.

His hard work paid off when he cleared the UGC exam and secured admission to Gujarat University to pursue a PhD on Kharek research. His journey shows how determination and the right support from the Adani Foundation can transform dreams into reality.



A Hand of Hope: Malshreeben's Journey Toward Dignity

> "Strength is not in the hands we have, but in the hope we hold."

In Moti Bhujpur village, Malshreeben was born without both hands, yet she grew with remarkable resilience and a quiet dream — to one day own a small piece of land where she could live close to nature. After marriage, financial constraints and fragmented family land kept that dream out of reach.

Everything changed when she received an unexpected call from the Adani Foundation's Mangal Seva initiative, informing her of a ₹10 lakh fixed deposit created in her name. Unsure it could be true, she sought confirmation twice, overwhelmed when the news was reaffirmed.

This support has transformed her life, replacing uncertainty with stability and restoring a deep sense of self-worth. Today, her long-held dream feels within reach, strengthened by dignity, confidence, and hope.

She proved that when resilience meets opportunity, even silent dreams find a voice.

Journey of Healing and Resilience

"When care is given with compassion, healing becomes a journey of strength and renewed hope."

Tirthavandan Maharaj Saheb, a 50-year-old ascetic recognized for his disciplined and spiritual way of life, resided within a family comprising four brothers and two sisters. Notably, his younger brother, aged 19, had also committed to an ascetic lifestyle. Despite his dedication, Maharaj Saheb encountered significant health challenges that tested his resilience.

Approximately one year ago, Maharaj Saheb underwent a routine hernia repair in Mumbai. Unexpectedly, he experienced severe postoperative pain at the surgical site, which resulted in six months of immobility and substantial limitations in walking and daily activities.

Seeking further evaluation, he traveled to Surat, where an MRI identified post-operative neuritis of the inguinal nerves, considered responsible for his persistent symptoms.
Upon arriving at Adani Hospital, Mundra, Maharaj Saheb was welcomed by a compassionate medical team that provided attentive, personalized care.
With advanced pain management, physiotherapy, and consistent support, he gradually regained strength and mobility, marking a significant recovery from his earlier immobility.

With the hospital's support, Maharaj Saheb recovered well, regained mobility, and expressed sincere gratitude to the Adani Foundation.

A Silent Courage - The story of Kajal & Savan

> “Strength isn’t measured by words, but by the dreams you protect and the hope you refuse to give up.”

In Nandgam village, Kajal and Savan—a couple with hearing and speech impairments—struggled to secure a stable future for their children despite Savan’s modest income of ₹15,000 per month.

Their primary concerns centered around ensuring quality education for their children and managing potential medical emergencies. Under the Adani Mangal Seva Yojana, the Adani Foundation identified the family for financial support and invited them to an announcement event, where they were provided a ₹10,00,000 fixed deposit to strengthen their long-term financial resilience.

This support created a dependable safety net, offering assured interest income to meet education and health-related needs. The couple expressed profound gratitude, with Kajal committing the interest earnings specifically toward her children’s education. The intervention highlights the Foundation’s commitment to inclusive development and its targeted efforts to uplift differently abled families.

From Darkness to Dawn: Sadiya's Inspiring Journey

> "Even though my eyes cannot see clearly, my teacher helped me see my dreams more clearly. Now I believe I can achieve anything."

Born with severe vision impairment, Halepotra Sadiya, a student of Dhrub Primary School, faced significant challenges in learning. Even after four operations, her vision remained limited, making it difficult for her to read Gujarati, write clearly, and solve basic mathematics. Despite these difficulties, Sadiya was an intelligent and curious child, and with strong support from her parents, she continued attending school regularly.

A turning point came when Aziz Fatima, an Utthan Sahayak from the Adani Foundation's Project Utthan, recognized Sadiya's struggles and potential. With patience and dedication, she spent extra time guiding Sadiya and encouraged her to write in large letters to help her see and understand better. With continuous support, Sadiya gradually began overcoming her learning difficulties.

Within a year, Sadiya showed remarkable progress. She learned to read and write Gujarati, solve basic math problems, and confidently introduce herself in English during the morning assembly. Her quick responses in general knowledge sessions, storytelling, and her creative drawings reflected her growing confidence and abilities.

Today, Sadiya dreams of becoming a teacher herself. Her journey shows how the right guidance, dedication, and support from initiatives like Project Utthan and committed educators like Aziz Fatima can turn challenges into opportunities and create a brighter future.

Media Coverage

અદાણી ગ્રુપ દ્વારા દિવ્યાંગોને સ્વરોજગારી સાધન અને ઇલેક્ટ્રિક વ્હીલચેર કરાઈ અર્પણ

આત્મગૌરવ ભર્યા જીવન માટે દિવ્યાંગોમાં અનેરો ઉત્સાહ

અદાણી ફાઉન્ડેશનનું શિક્ષણ ક્ષેત્રે અનેરું યોગદાન

અદાણી ફાઉન્ડેશનનો ઉત્થાન પ્રોજેક્ટ મુંદ્રા અને માંડવી તાલુકાની ૬૦ પ્રાથમિક શાળાઓ અને ૧૨ હાયરસ્કૂલોમાં વિદ્યાર્થીઓને ગુણવત્તાયુક્ત શિક્ષણ અને વિકાસની તકો પૂરી પાડે છે

મુન્દ્રા, માંડવી અને નખત્રાણાના ગ્રામ્ય વિસ્તારોને પ્રગતિશીલ કરવાનો પ્રયાસ

અદાણી ફાઉન્ડેશન દ્વારા વિવિધ વિકાસ કાર્યોનું ભૂમિ પૂજન કરાયું

અદાણી ફાઉ.-મુંદ્રા દ્વારા વિરાણીયામાં વનીકરણ પ્રોજેક્ટનો શુભારંભ

૪૦ પ્રકારના સ્વદેશી રોપાઓથી લીલુછમ જંગલ ઉભુ થશે

Adani Foundation @AdaniFoundation X.com

The #AdaniFoundation, as part of its Utthan project, is making Mathematics both engaging & enjoyable for students. Through interactive learning elements like Abacus, Vedic Ganit and Mental Maths programs, we are nurturing their Math skills. #NationalMathematicsDay2025

અદાણી ફાઉ. દ્વારા માછીમાર સમુદાયના વિદ્યાર્થીઓ માટે શૈક્ષણિક કીટ વિતરણ અને માર્ગદર્શન કાર્યક્રમનું આયોજન

મુન્દ્રા તા. ૧૬

અદાણી ફાઉન્ડેશન અને મુન્દ્રા પેટ્રોકેમ દ્વારા માછીમાર સમુદાયના વિદ્યાર્થીઓના શૈક્ષણિક સ્તરને અઢેસર કરવાના ઉદ્દેશ સાથે નવીનાળ ખાતે શૈક્ષણિક કીટ વિતરણ અને માર્ગદર્શન સંમેલનનું આયોજન કરવામાં આવ્યું હતું. આ કાર્યક્રમમાં નવીનાળ, ઝરપરા, ભગડી અને મોઠવા ગામના માછીમાર સમુદાયના ૩૫થી વધુ વિદ્યાર્થીઓ અને તેમના વાલીઓએ ઉત્સાહપૂર્વક ભાગ લીધો હતો.

સિદ્ધિ અદાણી ફાઉન્ડેશન માટે ગૌરવની વાત છે. કાર્યક્રમમાં અદાણી ફાઉન્ડેશનના પ્રતિનિધિ

આ કાર્યક્રમ હેઠળ વિદ્યાર્થીઓને શૈક્ષણિક કીટ ઉપરાંત પરિવહન

સુવિધા અને આર્થિક સહાય પણ પૂરી પાડવામાં આવે છે. આ પહેલના પરિણામે માછીમાર સમુદાયના વિદ્યાર્થીઓ શૈક્ષણિક ક્ષેત્રે ઉચ્ચ અભ્યાસ હાંસલ કરી રહ્યા છે. અદાણી ફાઉન્ડેશનની આ ઉડાન શિક્ષણની સમાન તકો પૂરી પાડવા અને સમુદાયના ઉત્થાન માટે અથાક પ્રયાસોનું પ્રતીક છે, જે વિદ્યાર્થીઓના સપનાં અને વાસ્તવિકતામાં બદલી રહી છે.

અદાણી ફાઉન્ડેશન દ્વારા આંતરરાષ્ટ્રીય મેન્ગ્રોવ દિવસની ઉજવણી

મુંદરા તા. ૧ અદાણી ફાઉન્ડેશન દ્વારા મુન્દ્રા તાલુકાના ખુલ્લી ખાતે આંતરરાષ્ટ્રીય

છે, ૧૯૫૫ સુરક્ષામાં પાણીરો કરે છે અને તોફાન અને ધોવાણ સામે કુદરતી અવરોધ તરીકે કાર્ય કરે છે.

આ પ્રસંગે અદાણી ફાઉન્ડેશનના

અદાણી ફાઉ. દ્વારા મુંદ્રાના મોટા કાંડાગરામાં વનીકરણનો શુભારંભ

મિયાવાકી પદ્ધતિથી 'નંદનવન' અને ઓક્સિજન પાર્કનું નિર્માણ

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Annexure – 4

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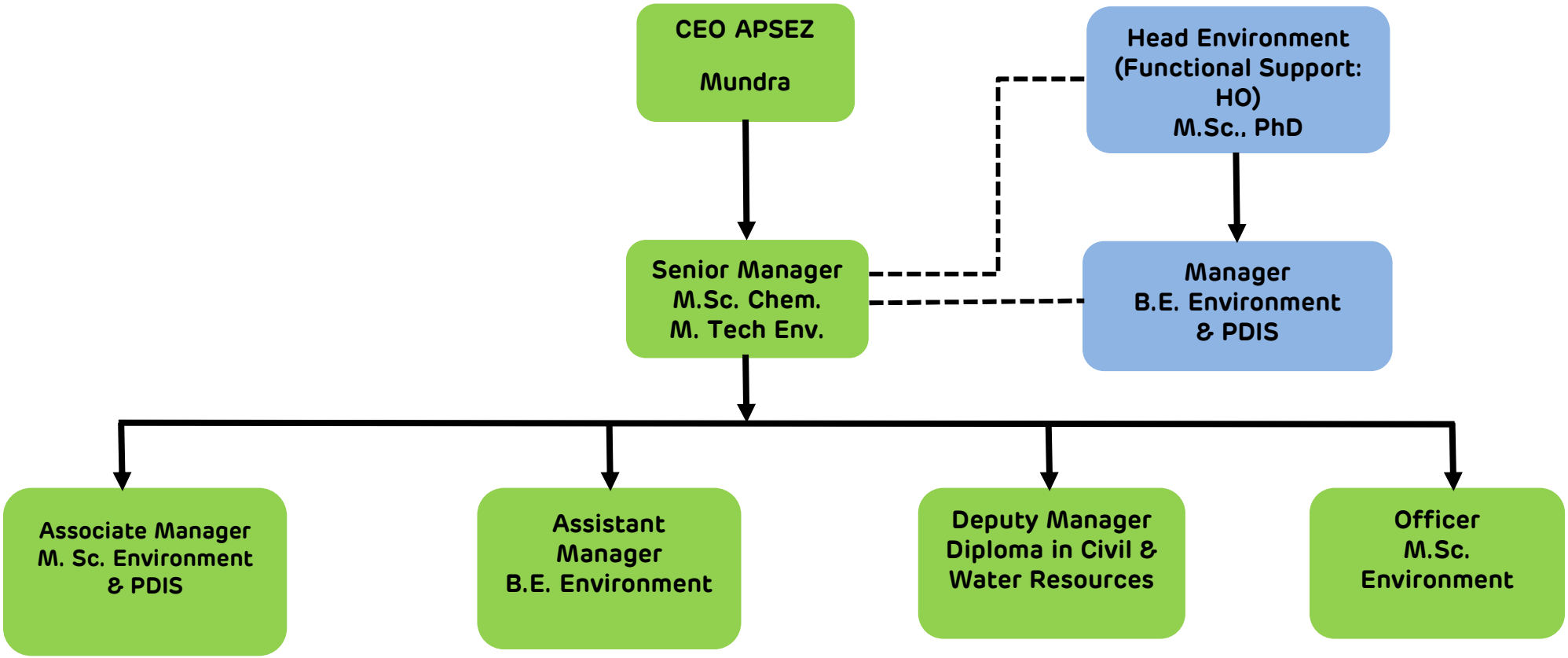
Ports and Logistics

Updated Organogram of Environment Management Cell, APSEZ, Mundra



Annexure – 5

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Ports and Logistics

Cost of Environmental Protection Measures

Sr. No.	Activity	Cost incurred (INR in Lacs)			Budgeted Cost (INR in Lacs)
		2023 – 24	2024 – 25	2025 – 26	2025 – 26
1.	Environmental Study / Audit and Consultancy	22.67	40.46	37.39	45.2
2.	Legal & Statutory Expenses	8.60	17.37	10.55	13
3.	Environmental Monitoring Services	13.37	17.27	21.38	20.46
4.	Hazardous / Non-Hazardous Waste Management & Disposal	130.11	122.46	150.67	156.13
5.	Environment Days Celebration and Advertisement / Business development	3.42	1.85	1.83	4.5
6.	Treatment and Disposal of Bio-Medical Waste	2.28	2.39	2.51	2.4
7.	Mangrove Plantation, Monitoring & Conservation	15	0	---	---
8.	Other Horticulture Expenses	904	570	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	216.44	227.69
10.	Expenditure of Environment Dept. (Apart from above head)	80.39	93.40	32.18	49.41
	Total	**1366.78**	**1029.51**	**1042.95**	**1108.1**