

#### APSEZL/EnvCell/2025-26/012

Date: 24.05.2025

Τo,

#### 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, 5<sup>th</sup> Floor, Near CH-3 Circle, Sector – 10A Gandhinagar – 382010. E-mail: <u>eccompliance-guj@gov.in</u>, <u>iro.gandhingr-mefcc@gov.in</u>

- 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 M/s Adani Ports & SEZ Limited vide letter dated 25<sup>th</sup> 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 2024 to March 2025 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, **M/s Adani Ports and Special Economic Zone Limited** 



Bhagwat Swaroop Sharma Head – Environment Mundra & Tuna Port

#### Encl: As above

#### Copy to:

- The Director (IA Division), Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003.
- 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.
- The Director, Forests & Environment Department, Block 14, 8<sup>th</sup> floor, Sachivalaya, Gandhi Nagar 382010.
- 5) The Regional Officer, Regional Office GPCB (Kutch-East), Gandhidham 370201.

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# 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-2024 to March-2025



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To : Mar'25

Status of the Conditions Stipulated in Environment and CRZ Clearance

The chronology of company name change from **M/s. Adani Port Limited** to **M/s. Adani Ports and Special Economic Zone Ltd.** was submitted along with half yearly EC Compliance report for the period Oct'20 to Mar'21.



To : Mar'25

Status of the Conditions Stipulated in Environment and CRZ Clearance

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" issued vide letter no. J-16011/13/95-IA.III dated 25th Aug. 1995.

Sr.	Conditions	Compliance Status as on
No.	Conditions	31-03-2025
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 and operation activities are being 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. APSEZ 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) except Annex-VI that is generated from vessels. APSEZL has not received any sewage/liquid waste from ships / vessels till date. As a general practice APSEZ provide facility for receiving slop / waste oil from vessels through hose connection with oil tankers. These tankers divert slop / waste oil to 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 for horticultural purposes. Quality



# Adani Ports and Special Economic Zone Limited, Mundra.

From: Oct'24

To : Mar'25

Sr. No.	Conditions		Co	mplian 31	ice Status as -03-2025	on		
	competent authorities including the central and State Pollution Control	of treated water confirm to the standard laid down by Guja Pollution Control Board.						y Gujarat
	Boards under the Environment (Protection) act, 1986 whichever are more stringent.	Location	Сара	city	Quantity of T Water (Avg. from O to Mar'2	reated ct'24 5)	Туре	e of ETP / STP
		LT	265 I	KLD	54.6 KLI	C	Ac S	ctivated Sludge
		Entire treated water from ETP / STP is being utilized on land for horticulture purpose within port premises after achieving prescribed permissible limit. Summary of ETP treated water analysis results during compliance period as mentioned below. <b>Frequency of Analysis:</b> Once in a month					d on land achieving s during	
		Parameter	Unit	Min	Max	Avera	age	Perm. Limit <sup>\$</sup>
		ρН		7.14	7.64	7.3	4	6.5 – 8.5
		SS	mg/L	18.0	54.0	32.3	33	100
		TDS	mg/L	580.0	648.0	622	.0	2100
		COD	mg/L	78.4	92.20	84.	77	100
		BOD	mg/L	23.0	27.0	25.1	17	30
		Ammonical Nitrogen as NH3-N	mg/L	12.1	22.4	18.4	15	50
					\$ 6	as per CC8	&A gran	Ited by $GPC\overline{B}$
		The quality o and noise le accredited a Unistar Enviro refer <b>Annexu</b>	f marin evels a nd MoE onment <b>e – 1</b> .	e wate re bei EF&CC and Re	er, treated eff ng regularly recognized esearch Labs	fluents, analyz agency Pvt. Lto	air e zed l 7 nan 1., Vaj	emissions by NABL nely M/s. pi. Please



To : Mar'25

Sr.	Conditions	Compliance Status as on
No.	Condicions	31-03-2025
		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.
		Please refer <b>Annexure – 1</b> for detailed analysis reports for the period Oct'24 to Mar'25. Approx. INR 17.27 Lakh is spent for all environmental monitoring activities during FY 2024-25 for overall APSEZ.
		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 on dated 30.01.2025 and treated water sample was collected for analysis. sample analysis report is attached as <b>Annexure - 2</b> which shows all the parameters are well within the permissible limit.
		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.
		<b>Non-Hazardous Solid Waste</b> : 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 in various categories. Presently manual sorting is being done for sorting of 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) by Confederation of Indian Industry (CII). (valid up to 22.12.2027). The copy of certified for Zero Waste to Landfill management system is attached as <b>Annexure - 3</b> .



To : Mar'25



To : Mar'25

Sr.	Conditions	Compliance Status as on 31-03-2025					
No.	Concicions						
		<ul> <li>was no received or disposal of Slope Oil.</li> <li>However, during the compliance period i.e. Oct'24 to Mar'25 there was no generation and disposal of used battery waste, Sludge &amp; Filters contaminated with oil, Tank Bottom sludge, Asbestoses Waste, Glass wool Waste (Thermal Insulation Material), Downgrade Chemicals, Waste Oil and Expired Paint Material.</li> <li>Horticulture waste is collected from various green belt areas, and it is using for making of manure and manure is being utilized in horticulture purpose within plant premises.</li> <li>Details of permissions / agreements of hazardous waste authorized vendors were submitted along with pervious half yearly EC Compliance Reports. 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.</li> <li>The following table summarizes the waste management practice (from Oct'24 to Mar'25) for different types of wastes at APSEZ:</li> </ul>					
		Type of	Waste	Quantity	Disposal Method		
		Waste	Description	(MT)			
		Waste	Sludge Oily Cotton	41 43	Co-processing at cement industries		
			Waste	41.45	industries		
			Pig Waste	9.95	Co-processing at cement industries		
		Used / Spent / 188.34 Sell to registered recycler Waste Oil					
		Hazardous	Waste Total	17.04	261.82		
		Non- Hazardous Waste	Glass Waste	15.64	After recovery sent for recycling / Reuse within premises		
			Horticulture Waste	325.47	Used for making of manure and utilize for horticulture purpose		
			Metal Scrap	1095.45	After recovery sent for recycling / Reuse within premises		



## Adani Ports and Special Economic Zone Limited, Mundra.

From: Oct'24

To : Mar'25

Sr.	Canditions	Compliance Status as on					
No.	Conditions			31-0	3-2025		
			Organi W	ic / Food aste	563.17	Converted t Horticulture for cookin	o Manure for e use / Biogas ng purpose
			Paper	r Waste	19.91	After recov recycling / I prer	very sent for Reuse within mises
			Plasti	c Waste	86.46	After recov recycling /   prer	very sent for Reuse within nises
			RDF Recy Wa	: (Non /clable aste)	191.42	Co-processi indu	ng at cement stries
			Rubbe	er Waste	339.14	After recov recycling / I prer	very sent for Reuse within nises
			Woode	en waste	97.44	After recov recycling / I prer	very sent for Reuse within mises
		Non-Hazard	ous Waste	e Total		2732.10	
		Other Waste	Bio A W	Aedical aste	3.87	To approved and registe	d CBWTF Site red recyclers
		Others		vaste	15.01		tered recycler
		Gra	nd Total	81		3010 79	
		month) monitoring are being carried out by NABL accredite and MoEF&CC approved agency namely M/s. Unist Environment and Research Labs Pvt. Ltd., Vapi. Quality Ambient Air and Noise level confirm to the standard laid dov by SPCB / CPCB. Summary of the same for duration fro Oct'24 to Mar'25 is mentioned below.					L accredited s. Unistar i. Quality of ord laid down uration from <b>Nos.</b>
		Parameter	Unit	Min	Max	Average	Perm. Limit <sup>s</sup>
		AAQM			·		
		PM10	µg/m³	56.80	85.91	77.01	100
		PM <sub>2.5</sub>	µg/m³	22.15	40.91	30.32	60
		SO <sub>2</sub>	µg/m³	15.77	34.01	23.75	80
		NO <sub>2</sub>	µg/m³	18.46	38.46	27.93	80
		Noise					
		Noise	Unit	Leq Min	Leq Max	Leq Ave.	Leq Perm. Limit*
		Day Time	dB(A)	57.3	68.9	64.67	75
		Night Time	dB(A)	58.7	66.4	62.62	70
						<sup>s</sup> as per NAAG	standards, 2009
				Values re	corded confir	↑ as per CC&A ms to the stip	granted by SPCB ulated standards.



# Adani Ports and Special Economic Zone Limited, Mundra.

From: Oct'24

To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		Please refer <b>Annexure – 1</b> for detailed analysis reports for the period Oct'24 to Mar'25. Approx. INR 17.27 Lakh is spent for all environmental monitoring activities during the FY 2024-25 for overall APSEZ, Mundra.
2(iv)	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 phase and will remain in existence thereafter as part of the infrastructure build up in the	Complied. Construction activity is already completed. Adequate infrastructure facility was provided to labors during construction phase and those are in existence. The facility for drinking water, toilet and rest shelter were provided for the dignity of operation labors. Photographs of the same were submitted along with the compliance report submission for the period Oct'16 to Mar'17.
	area for local developmental purposes.	
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.	<ul> <li>Complied.</li> <li>Construction phase is completed.</li> <li>For operation phase, following noise control measures are taken: <ul> <li>All Emergency DG sets were installed with acoustic enclosure confirming EPA norms.</li> <li>Proper maintenance of equipment / plant machineries is being done on regular basis.</li> <li>Green Belt has been developed at roadsides and operational areas.</li> <li>Traffic control measures such as signage, speed regulation, traffic guides etc. are in place to reduce the unnecessary honking by cargo vehicles.</li> </ul> </li> </ul>



## Adani Ports and Special Economic Zone Limited, Mundra.

From: Oct'24

To : Mar'25

Sr.	Occiticas	Compliance Status as on							
No.	Conditions				31-03-2	2025			
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. ETP having 265 KLD capacity is provided for treatment of wastewater. Treated water is used for horticulture purpose 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. 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'24 to Mar'25 is mentioned in compliance condition no. 2(iii) above.							
		<b>Marine Monitoring:</b> 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'24 to Mar'25 is mentioned below. Monitoring Reports are attached as <b>Annexure – 1</b> for the same.							
		Bacamatac	Llait		Surface			Bottom	
		Fordifieter	onic	Min	Max	Avg.	Min	Max	Avg.
		рН ВОD (3 Days @ 27 °C)	 mg/L	2.5	8.34 3.4	8.18 2.90	7.85 BDL (MDL 1.0)	8.12 BDL (MDL 1.0)	8.01 BDL (MDL 1.0)
		TSS	mg/L	102	144	124.02	80	128	101.24
		DO	mg/L	6.45	7.04	6.77	6.35	6.84	6.63
		Salinity	ppt	35.12	36.34	35.75	36.12	37.35	36.74
		TDS	mg/L	34560	36642	35405	35180	36720	36109
		*BDL – Below Detection Limit							
		Ground Wat	er Mo	nitoring	<u>9:</u>				
		There are n	o slud	lge lago	ons ho	wever,	to mon	itor the	e ground
		water qualit	y, bor	e wells a	are prov	vided at	: variou	s locati	on in the
		port and SEZ areas. Third party analysis of the ground water is $ $							



# Adani Ports and Special Economic Zone Limited, Mundra.

From: Oct'24

To : Mar'25

Sr.	Conditions	Compliance Status as on					
No.	Conditions			31-03-202	5		
		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'24 to Mar'25 is mentioned below. Sampling Locations: 5 Nos.					
		Parameters		Min	Max	Average	
		nH @ 25 ° C		7.16	8.24	7.85	
		Salinity	oot	1.00	3.40	1.60	
		Oil & Grease	mg/L	*BDL	*BDL	*BDL	
				(MDL:5.0)	(MDL:5.0)	(MDL:5.0)	
		Hydrocarbon	mg/L	ND*	ND*	ND*	
		Lead as Pb	mg/L	*BDL	*BDL	*BDL	
		Arsenic as As	mo/l	(MDL:0.01) *BDI	(MDL:0.01) *BDI	(MDL:0.01) *BDI	
			,	(MDL:0.01)	(MDL:0.01)	(MDL:0.01)	
		Nickel as Ni	mg/L	0.07	0.09	0.08	
		Total Chromium	mg/L	*BDL	*BDL	*BDL	
		as Cr (MDL:0.05) (MDL:0.05) (MDL:0.07)					
						0.05	
		Mercury as Hy	IIIg/L	(MDL:0.001)	(MDL:0.001)	(MDL:0.001)	
		Zinc as Zn	mg/L	*BDL (MDL:0.05)	*BDL (MDL:0.05)	*BDL (MDL:0.05)	
		Copper as Cu	mg/L	0.06	0.11	0.08	
		Iron as Fe	mg/L	0.14	0.59	0.34	
		Insecticides/Pes ticides	µg/L	ND*	ND*	ND*	
		Depth of Water Level from Ground Level	meter	1.90	2.20	2.08	
					N	ID*= Not Detectable	
					*BDL – Be	low Detection Limit	
		Please refer <b>Anr</b>	nexure -	<b>- 1</b> for detail	ed analysis r	eports for the	
		period Oct'24 to	o Mar'2	5. Approx. IN	VR 17.27 Lak	h is spent for	
		all environmenta	al monit	oring activit	ies durina th	ie FY 2024-25	
		for overall APSE	Z.	<b>J</b>	<b>J</b>		
2(vii)	Adequate culverts should be	Complied.					
	provided for smaller creeks so	Adequate culve	rts are	nrovided or	nrominent	creek system	
	that breeding grounds for	appending (1) Ke		Decedimente		(4) Deebe $(5)$	
	crabs, mud snappers and						
	other marine organisms are	Mundra (Oldest	port (Ju	ına Bandar) l	leading to Bl	nukhi river).	
	not cut off by road	All above creeks	s are in	existence a	llowina free	flow of water	
		and there is no f	illing or	reclamation	n of any cree	ek area. APSEZ	



To : Mar'25

Sr.	Conditions	Compliance Status as on
No.	Conditions	31-03-2025
		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 compliance report for the duration 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 hectare of Mangrove afforestation was carried out with a cost of INR 25.0 Lac at west of Navinal creek. All Mangrove plantations were done in consultation with Dr. Maity, Mangrove consultant of India. Green belt was developed 72.67 ha. Total 1,49,959 trees were planted with the density of 2063 trees per hectare within the port area. So, far APSEZ has developed 457.99 ha. area as greenbelt with plantation of more than 9.06 Lacs saplings within the APSEZ area. To enhance the marine biodiversity, till Mar'25 date APSEZ has carried out mangrove afforestation in 4140 ha. area across the coast of Gujarat. Total expenditure for the same till date is INR 1592.8 lakh. Details on Mangroves afforestation & Green belt development carried out by APSEZ till date is annexed as <b>Annexure – 4</b> . 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



To : Mar'25

Sr.	Conditions	Compliance Status as on
No.		31-03-2025
		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 current FY 2022-23, 04 Hector plantation has been planted with various species. Total 20 Ha. multi-species mangrove plantation has been carried out till March-23 association with M/s. GUIDE, Gujarat.
		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 <b>Annexure – 5</b> for CSR activity report carried out by Adani Foundation.
2(ix)	Arrangements should be	Complied.
	availability for various project related activities. Special	During the project phase, GWIL was the source of water to ensure freshwater availability.
	should be undertaken in the project impact area. Details of these activities should be reported to the Ministry.	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 5.40 MLD during compliance period i.e. Oct'24 to Mar'25.
		Groundwater recharge cannot be done at the project site since the entire project is in the intertidal / sub tidal areas. Rainwater within project area is managed through storm water drainage.
		We have installed Rainwater recharge bore well (4 Nos.) within our township to recharge ground water. Details of the same were submitted along with half yearly EC compliance report for the period Apr'19 to Sep'19. During FY 2024-25 approx. 7.4 ML of rainwater has been recharged to increase the ground water table.
		We have also connected roof top rainwater duct of operational building (Tug berth building within MPT) with u/g water tank for utilization of collected rainwater for gardening / horticulture purpose. Details of the same were submitted



To : Mar'25

Sr.	Conditions	Compliance Status as on					
No.	Condicions	31-03-2025					
		along with EC Compliance report for the period Oct'18 to Mar'19.					
		However, Adani Foundation – CSR arm of Adani Group has carried out rainwater harvesting activities in the nearby villages for benefit of the locals.					
		Water conservation Projects i.e. Roof Top Rain Water 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.					
		Since 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.					
		Our water conservation work is as below: -					
		The Water Conservation Projects completed during the FY 2024-25.					
		WATER CONSERVATION "SWAJAL PROJECT" ENHANCING RURAL WATER RESOURCES					
		<ul> <li>Adani Foundation has undertaken significant water conservation initiatives to address water scarcity and improve water availability in rural areas.</li> <li>Through the creation of 737 various water structures, the project has increased water capacity by 5,400,735 cubic meters (CUM) and benefited 64,515 people.</li> </ul>					
		Check Dam New/Renovation					



## Adani Ports and Special Economic Zone Limited, Mundra.

From: Oct'24

To : Mar'25

Sr.	Conditions	Compliance Status as on						
No.	Condicions	31-03-2025						
		<ul> <li>Structures: 29</li> <li>Water Capacity Increase: 1,072,332 CUM</li> <li>Beneficiaries: 30,870</li> <li>Impact: Enhances water storage and irrigation.</li> <li>Rainwater Harvesting Structures (RRWHS)</li> <li>Structures: 330</li> <li>Water Capacity Increase: 3,300,000 CUM</li> <li>Beneficiaries: 1,650</li> <li>Impact: Maximizes rainwater capture and usage. Rs. 10950 yearly saved/house</li> <li>Pond Deepening</li> <li>Structures: 135</li> <li>Water Capacity Increase: 1,028,403 CUM</li> <li>Beneficiaries: 18,350</li> <li>Impact: Improves water retention and availability.</li> <li>Construction of Percolation Wells</li> <li>Structures: 26</li> <li>Ground Water Recharge: Significant</li> <li>Beneficiaries: 3,000</li> <li>Impact: Boosts groundwater levels and availability.</li> <li>Bore/Well Recharge</li> <li>Structures: 209</li> <li>Ground Water Recharge: Significant</li> <li>Beneficiaries: 1,045</li> <li>Impact: Enhances groundwater recharge and sustainability.</li> <li>Construction of New Wells</li> <li>Structures: 8</li> <li>Purpose: Drinking Water</li> <li>Beneficiaries: 9,600</li> <li>Impact: Provides reliable drinking water sources</li> </ul>						
l		• Impact: Provides reliable drinking water sources						
		<ul> <li>WATER MANAGEMENT PROJECTS:         <ul> <li>Percolation Well, Mota Bhadiya: 80 farmers benefited.</li> <li>Percolation Bore Cleaning, GPVC Villages: 3150 farmers benefited.</li> <li>Pond Deepening &amp; Road Cleaning, GPVC Villages: 6KM cleaned.</li> </ul> </li> </ul>						
		> DRIP IRRIGATION - ENHANCING LIVELIHOODS IN KUTCH:						



To : Mar'25

Sr.	Conditions	Compliance Status as on 31-03-2025						
No.	Conditions	31-03-2025						
		<ul> <li>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.</li> <li>In 2024-25, Adani Foundation supported sustainable water management in Kutch by Promoting drip irrigation across 490 villages in Abdasa, Lakhpat, Mandvi, Mundra, and Nakhtrana talukas. Covering a total area of 2,074.53 hectares, the initiative benefited 1,041 farmers. This effort enhanced irrigation efficiency, boosted agricultural productivity, and contributed to water conservation and eco-friendly farming practices in the region.</li> </ul>						
		Earlier Completed Activities/Projects:						
		<ul> <li>Large number of water harvesting structure (18 Nos. of check dams in coordination with salinity department) and Augmentation of 3 nos. check dams. Ground recharge activities (pond deepening work for 61 ponds) individually and 26 ponds under Sujlam Suflam Jal Abhiyan were built leading to a significant increase in water table and higher returns to the farmers.</li> <li>New Pond Deepening Under Ajadi ka Amrut Mahotsav done in Goyarsama village Approx Deepening Capacity is 12000 Cum.</li> <li>Roof Top Rainwater Harvesting 145 Nos. (40 Nos. current FY 2022-23) which is having 10,000 litre storage which is sufficient for one year drinking water purpose for 5 people family.</li> <li>Recharge Borewell 208 Nos (19 Nos. current FY 2022-23) which is best ever option to direct recharge the soil.</li> <li>Drip Irrigation approx. 1505 Farmers benefitted in coordination with Gujrat Green Revolution Company till date.</li> <li>Bund construction on way of Nagmati River could save more than 575 MCFT water quantity which recharged in ground due to which borewell depth decreased by 50-100 Ft in Zarpara, Bhujpur and Navinal Vadi Vistar.</li> <li>Pond Pipeline work at Prasla Vistar Zarpara which increase recharge capacity more than 25% in 100 hector area.</li> <li>Check dam gate valve construction at Bhujpur which controlled more than 350 MCFT water to go into sea and get recharged current year.</li> </ul>						



To : Mar'25

Sr.	Conditions	Compliance Status as on					
No.	Condicions	31-03-2025					
		source of water) to facilitate the Agricultural activities as well as for drinking water. Please refer <b>Annexure – 5</b> 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 2024–25 was INR 1,564.72 lakh and fully spent during FY 2024-25.					
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 M/s. Comet Consultancy Services in January 1995 as a part of EIA for storage of various chemicals in tanks for chemical safety and the same was submitted to MoEF&CC while processing EC application. 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 compliance report for the duration of 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 half yearly compliance report for the period Oct'18 to Mar'19. Implementation report of risk assessment recommendations during operational activity was submitted along with half yearly compliance report for the period Oct'19 to Mar'20.					
2(xi)	The measures suggested by	Complied.					
	Control Board in February,						



To : Mar'25

Sr.	Cooditions	Compliance Status as on								
No.	Condicions									
	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.	consent no. AWH-117045 Valid Upto 20 <sup>th</sup> November 2026. The copy of CtO renewal was submitted along with earlier half yearly compliance report 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 progress of the project activity. The present in-force CtE / CtO are mentioned below.								
			Sr. No.	Permission	Project	Ref. No. / Order No.	Valid Upto			
		1 CtO – Mundra Port Renewal Terminal AWH-117045 20.11.2								
		2         CtE – Amendment         WFDP         17739 / 15618         18.05								
			3	CC&A - Correction	Mundra Port Terminal	PC/CCA-KUTCH- 39(8)/GPCB ID 17739/748148	20.11.2026			
			4	CC&A – Amendment	Mundra Port Terminal	Consent No. WH-141598	20.11.2026			
		The permission mentioned above (Sr. No. 4) CC&A-Amendment for Mundra Port Terminal 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 co No.	opy of 4) is a	CC&A Ame attached as	ndment pern <b>Annexure –</b> `	nission mentio <b>7.</b>	ned above (Sr.			
		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 earlier half yearly compliance report for the period Oct'21 to Mar'22. A copy of CCA correction letter was submitted along with earlier half yearly compliance report for the period Apr'23 to Sep'23.								
2(xii)	For ensuring the acceptance of the project by the local people, a Resolution of the Official Panchayat of the Region should be obtained	Con Res sub Cha	nplied olutio mitteo inge o	n from the d to the Mi n 31 <sup>st</sup> July 2	e Panchaya nistry of Env 012.	t has been vironment, Foi	obtained and rest & Climate			



## Adani Ports and Special Economic Zone Limited, Mundra.

From: Oct'24

To : Mar'25

Sr.	Conditions	Compliance Status as on
No.	Conditions	31-03-2025
	offering 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. APSEZL has a well-structured Environment Management Cell, staffed with qualified manpower for implementation of the Environment Management Plan at site. Site environment head direct report to site Chief Executive Officer (CEO) and the CEO directly reports to the top management. Updated Environment Management Cell Organogram was submitted during Apr'24 to Sep'24 compliance period. And there is no further change. Budget for environmental management measures (including horticulture) for the FY 2024-25 is to the tune of INR 1340.21 lakh. Out of which, Approx. INR 1029.51 lakh is spent during the year FY 2024-25. Detailed breakup of the expenditures for the nast 3 years is attached as <b>Appenditure – 7</b>
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 the afforestation program proposed for the scheme to	<ul> <li>Complied</li> <li>Adani Foundation – CSR Arm of Adani Group is doing following activities as a part of Skill Development in surrounding communities in Kutch area.</li> <li>Adani Skill Development Center (ASDC), Mundra &amp; Bhuj is providing skill development training to the locals for Soft Skill, Technical Training and Carrier Guidance &amp; knowledge-based training.</li> <li>Adani Skill Development Centre (ASDC) is playing a pivotal role in implementing 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</li> </ul>



To : Mar'25

Sr.	Conditions	Compliance Status as on							
No.	Conditions	31-03-2025							
	ensure public participation and success of vegetation programmes.	<ul> <li>Over the previous few years, ASDC has assessed various aspects of the technical, leadership and soft skills gaps tha organizations, in general, face and accordingly focuses or imparting required training in those areas in partnership with various colleges and institutes.</li> <li>ASDC imparted various soft skilled and technical training to make Atma Nirbhar India.</li> </ul>							
		Following activities as a part of Skill Development During current fiscal year:							
		<ul> <li>The Adani Skill Development Center (ASDC) in Bhuj and Mundra is dedicated to creating a future fueled by a skilled and empowered Indian workforce, driving economic growth. Focused on bridging the gap between industry demands and workforce capabilities, ASDC offers high-quality vocational training, fosters innovation, and promotes entrepreneurship.</li> <li>The center's impact is significant, with 887 students in Bhuj &amp; Mundra, where 70% of participants are female, and 258 technical trainees already placed in diverse roles such as General Duty Assistant and Domestic Data Entry Operator etc. Six placement drives and 24 guest lectures have further supported career opportunities. In Mundra, courses like RTG Crane Operator, Tally with GST, and Beauty Therapist training have drawn strong participation, especially among women, resulting in 135 placements in beauty therapy alone.</li> <li>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.</li> </ul>							
		ASDC - MUNDRA     Course Name Eemale Male Total							
		JOC (RTG Crane OO 140 <b>140</b> Operator)							
		DDEO	30	14	44				
		Tally with GST	01	00	01				
		Beauty Therapist	00	134					



## Adani Ports and Special Economic Zone Limited, Mundra.

From: Oct'24

To : Mar'25

Sr. No.	Conditions	Complia 3'	nce Status 1-03-2025	as on			
		Painting/Drawing Training	06	09	15		
		German Language	02	00	02		
		Advance Excel	01	10	11		
		Mud Work	40	00	40		
		Dori Work	40	00	40		
		Total	254	173	427		
		✤ ASDC - BHUJ					
		Course Name	Female	e Male	Total		
		GDA	140	20	140		
		DL	07	00	07		
		EDP – Tie up with CED	40	05	45		
		Skill Up gradation	90	60	150		
		Domestic Data Entry Operator	61	01	62		
		First Aid	31	05	36		
		Total	369	91	460		
		<ul> <li>EMPOWERING SKILLS I <ul> <li>RTG Crane Operati ensuring safe and efficient Data &amp; Financial M with GST, critical for financial compliance</li> <li>Skill Enhancement above programs, en various industries.</li> </ul> </li> <li>Personal Care and S First Aid, important essential safety kno         <ul> <li>Artistic and Crafts Painting / Drawing Tantage</li> </ul> </li> </ul>	ial for port go handling co ha	URE coperations, DDEO & Tally ogement and sses all the skill set for therapist and ndustry and nt: Includes of Dori Work,			



To : Mar'25

Sr.	Conditions	Compliance Status as on							
NO.		31-03-2025							
		<ul> <li>Language and Software Proficiency: Covers German Language, Advance Excel, and EDP – Tie up with CED, boosting communication and technical skills</li> </ul>							
		Following activities as a part of Skill Development During previous fiscal year:							
		<ul> <li>Adani Skill Development Centre (ASDC) is dedicated to enhancing employability and entrepreneurship. During previous year, ASDC has trained 50,000 individuals across Kutch, resulting in 65% livelihood generation. ASDC's vision is to make everyone skilled and employable, meeting industry demands through trained manpower.</li> <li>Preference is given to local people for employment based on their qualification and experience.</li> <li>All Mangrove plantations are done in consultation with GUIDE and Local Forest dept.</li> <li>24 hectare of mangrove afforestation at Mundra was done through active participation of local fishermen at the cost of INR 25.0 Lac.</li> </ul>							
		<ul> <li>25 hectare of mangrove plantation with a cost of 10 Lakh is already completed near railway yard in consultation with Dr. Maity, Mangrove consultant of India.</li> </ul>							
		<ul> <li>56,523 Man-days Fisherman person days employed in Mangroves Plantation during the previous FY 2023-24. The Foundation has also supported Pagadiya fishermen as painting laborers by providing them with employment and job in various field.</li> </ul>							
		Details on skill development training imparted during FY 2024-2025 by Adani Foundation are available in CSR report enclosed as <b>Annexure – 5</b> .							
2(xvi)	Prior clearance must be taken	Complied.							
	under the Hazardous Chemicals (manufacture, import and storage) Rules 1989, as amended up to date, from the competent authority Such clearance will	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							
	have to be taken prior to the	reference no. Kutch-HAZ/CHEM-23(2)/9711.							



To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025								
	commissioning of the project.	Approval from the PESO is obtained for import of hazardou chemicals as per License No. P/HQ/GJ/15/2050 (P12369) date 07/10/2024 which is valid up to 31/12/2029 for Class A & Class C petroleum. A copy of valid PESO license is attached a <b>Annexure – 8.</b> Please refer point no. 2 (xi) regarding GPC permissions. License under Factories Act is taken dated 07.10.1998 and las renewed vide license no. 0017 and is valid up to 31.12.202 The copy of renewed License under Factories Act was submitted along with the compliance report submission 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 action taken every six months. The first of these two reports should be sent in by 31.3.1996.	period of Oct'23 to Mar'24.Complied.Compliance report of EC conditions is uploaded regularly. A soft copy of last compliance report including results of monitoring data for the period of Apr'24 to Sep'24 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 dated 29.11.2024. Copy of the same is also available on our web site https://www.adaniports.com /ports-downloads as well as also uploaded on MoEF&CC Parivesh Portal. Please refer below for the details regarding past six compliance submissions								
		Sr. No. Compliance period Date of submission								
		1 Oct'21 to Mar'22 30.05.2022								
		2 Apr'22 to Sep'22 30.11.2022								
		3 Oct'22 to Mar'23 30.05.2023								
		4 Apr'23 to Sep'23 29.11.2023								
		5 Oct'23 to Mar'24 29.05.2024								
		6 Apr'24 to Sep'24 01.12.2024								
2(xviii)	Financial requirements for implementation of the above	Complied.								



## Adani Ports and Special Economic Zone Limited, Mundra.

From: Oct'24

To : Mar'25

Sr.	Conditions	Compliance Status as on
No.	Condicions	31-03-2025
	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.	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 as per compliance condition no. 2(xiii) above.

# Annexure – 1



Plot No.342 Wilcard Basimus Park. NPI NO.48. GLDC., Vep1-316 295 Dist-Maliael Hisganat), Invalia Phone + 91 260 2483966/2825610 Email: response@uerLin Website : www.uerLin

Multility former formental Laboratory under The EPA, 1348-102.04.3023 to 29.03.00281

NAM PROVIDE AVERSIDED Accordinal Tenling Laboratory CTC 13.3453 133.01.3033 to 33.09.20243

CET-MART ACCORDED DA & DW Consultant Organisation

UPCB Recognized

INCOMESTICATION INCOMESTICATION

Environmental Auditor (Sch-II) Certified Company CHI, Management System

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

SR.	TEST	UNIT	Oct	-24	Nov-2	24	Dec-2	4	Jan-25	5	Feb-25		Mar-2	25	TEST METHOD
NO.	PARAMETERS		SURFACE	BOTTOM											
1.	рН		2.7	BDL(MDL :1.0)	2.8	BDL(MDL :1.0)	2.5	BDL(MDL :1.0)	2.7	BDL(MDL :1.0)	2.8	BDL(MDL :1.0)	3.1	BDL(MDL :1.0)	IS 3025(Part 11) :2022
2.	Temperature	°C	7.04	6.73	6.9	6.8	6.82	6.72	6.75	6.65	6.81	6.71	6.66	6.57	IS 3025 (Part 9):2023
3.	Total Suspended Solids	mg/L	35.65	36.71	35.74	36.51	36.02	36.74	36.12	36.81	36.18	36.88	36.22	36.94	APHA 24th Ed., 2023,2540- D
4.	BOD (3 Days @ 27°C)	mg/L	BDL(MDL :2.0)	IS 3025 (Part 44):2023											
5.	Dissolved Oxygen	mg/L	2.42	2.1	2.32	2.93	2.74	2.58	2.9	2.74	2.74	2.58	2.58	2.26	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	0.391	0.348	0.379	0.31	0.413	0.391	0.348	0.304	0.326	0.304	0.304	0.283	By Calculation
7.	Oil & Grease	mg/L	3.39	3.32	2.59	2.32	3.39	3.26	3.9	3.8	3.59	3.48	3.64	3.53	IS 3025 (Part 39) :2021
8.	Nitrate as NO <sub>3</sub>	µmol/L	1.37	1.26	1.16	1.05	1.37	1.26	1.05	BDL(MDL :0.4)	1.37	1.16	1.16	1.05	APHA 24th Ed. 2023,4500 NO3-B
9.	Nitrite as NO <sub>2</sub>	µmol/L	6.201	5.768	5.289	5.56	6.543	6.231	7.148	6.844	6.656	6.364	6.524	6.073	APHA 24th Ed.2023,4500NO₂B
10.	Ammonical Nitrogen as NH <sub>3</sub>	µmol/L	ND	APHA 24th Ed. 2023,4500- NH3 B											
11.	Phosphates as PO₄	µmol/L	34820	35760	34620	35420	34840	35510	35130	35720	35140	35746	35160	35780	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	28.3	16.2	20.2	8.1	24	8	20.1	16.1	32	20	28.6	16.3	APHA 24th Ed. 2023,4500 NH3 - B
13.	Petroleum Hydrocarbon	μg/L	2.7	BDL(MDL :1.0)	2.8	BDL(MDL :1.0)	2.5	BDL(MDL :1.0)	2.7	BDL(MDL :1.0)	2.8	BDL(MDL :1.0)	3.1	BDL(MDL :1.0)	APHA 24th ED.2023,5520 F
14.	Total Dissolved Solids	mg/L	7.04	6.73	6.9	6.8	6.82	6.72	6.75	6.65	6.81	6.71	6.66	6.57	IS 3025(Part 16):2023
15.	COD	mg/L	35.65	36.71	35.74	36.51	36.02	36.74	36.12	36.81	36.18	36.88	36.22	36.94	IS 3025(Part 58):2023

Continue...



Plot No.51, Vilcard Basimos Park, NET NO.48. GLDC., Vept-356395 Dist-Maliael Hisganat), Invalia Phone + 91 260 2483966/2825610 Email: response@uerLin Website : www.uerLin

Multility herog formanental Laboratory couler The EPA, 1948. (02.04.3023 to 29.03.2028) NAM UNDARC ETRES 20125 According Teniting Laboratory (TC-12.345) (33.05.2023 to 23.09.2024)

CET-MARET ACCORDING DA & DW Consultant Organisation

UPCB Recognized

INCOMESTICATION INCOMESTICATION Environmental Autiliar (Luh-II) Certified Company OHI, Management System

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

SR. NO	TEST PARAMETER	UNIT	Oct	-24	Nov	-24	Dec-	24	Jan-2	25	Feb-2	25	Mar-	25	TEST METHOD
•	S		SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	
			E	М	E	М	E	М	E	М	E	М	E	М	
Α								Phytoplan	kton						
1.	Chlorophyll	mg/m <sup>3</sup>	3.06	3.26	3.07	3.24	3.06	3.28	3.07	3.27	3.06	3.26	3.07	3.27	APHA (24th Ed. 2023)10200A-G
2.	Phaeophytin	mg/m³	7	1.55	8	1.59	9	1.57	8	1.55	7	1.54	6	1.55	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10³/L	114	91	112	92	113	91	112	91	114	92	112	91	APHA (24th Ed. 2023)10200A-G
4	Name of Group		Coscinodi scus	Odentell a	Nitzschia	Biddulphi a	Nitzschia	Biddulphi a	Thalassio thrix	Dinophys is	Thalassio thrix	Dinophys is	Thalassio thrix	Dinophys is	APHA (24th Ed. 2023)10200A-G
	Number and		Diploneis	Rhizosole nia	Diploneis	Rhizosole nia	Pinnulari a	Rhizosole nia	Surirella	Pinnulari a	Surirella	Pinnulari a	Biddulphi a	Pinnulari a	
	group		Rhizosole nia	Coscinodi scus	Rhizosole nia	Coscinodi scus	Rhizosole nia	Coscinodi scus	Navicula	Thalassio thrix	Navicula	Thalassio thrix	Navicula	Thalassio thrix	
	each group		Dinophys is	Gramma tophora	Dinophys is	Gramma tophora	Dinophys is	Gramma tophora	Thallassi osira	Gramma tophora	Nitzschia	Gramma tophora	Nitzschia	Grammat ophora	
			Thalassio nema	Thallassi osira	Biddulphi a	Navicula	Biddulphi a	Navicula	Skeleton ema	Ceratium	Skeleton ema	Ceratium	Skeleton ema	Ceratium	

В					Zoop	lankton			
1	Abudance(P opulation)	noX103/ 100 m3	65	66	67	65	66	64	APHA (24rd Ed. 2023)10200 G
2	Name of Group		Crustacean Larvae	Oikoplura	Oikoplura	Egg(Fish and Shrimps)	Egg(Fish and Shrimps)	Egg(Fish and Shrimps)	
	Number and name of		Egg(Fish and Shrimps)	Pinnularia	Pinnularia	Oikoplura	Oikoplura	Oikoplura	
	group		Copepods	Copepods	Copepods	Copepods nauplii	Copepods nauplii	Copepods nauplii	
	species of		Crustacean	Copepods nauplii	Copepods nauplii	Crustacean	Crustacean	Crustacean	
	each group		Bivalve Larvae	Thalassionema	Thalassionema	Bivalve Larvae	Bivalve Larvae	Bivalve Larvae	
3	Total Biomass	ml/100 m <sup>3</sup>	13.66	13.65	13.66	13.67	13.68	13.67	

Continue...



Plot No.51, Vilcard Basimos Park, NPI NO.48. GLDC., Vep1-316 295 Dist-Maliael Hisganat), Invalia Phone + 91 260 2483966/2825610 Email : response@uerLin Website : www.uerLin

Multility former formation Laboratory couler The EPA, 1948. (02.04.3023 to 29.03.2028) NAM UNIVER AVERSI JOINT ACCORDING Tenitry Laboratory CTC-12.0453 133.01. JOJT IN J.J. 09.20243

CET-MART ACCORDED DA & DW Consultant Organisation

UPCB Recognized

INCOMESTICATION INCOMESTICATION Environmental Auditor (Ich-II) Certified Company CHE Management System

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

SR.	TEST	UNIT	Oct-24		Nov-24		Dec-24		Jan-2	25	Feb-	25	Mar	-25			
NO	PARAME		SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	TEST METHOD		
•	TERS		E	М	E	М	E	М	E	М	E	М	E	М			
С							I	Microbiolo	gical								
1	Total	CFU/ml													APHA 24 <sup>th</sup>		
	Bacterial		11	12	1:	L4	11	L2	11	11	1:	12	11	L4	Ed.2023,9215-		
	Count														С		
2	Total	/100ml													APHA		
	Coliform		1	.4	1	3	1	2	13		12		1	3	24thEd.2023,9		
															222-В		
3	Ecoli	/100ml	9	9	8		9		8	8	8	57	8	8	IS :15185:2016		
4	Enteroco ccus	/100ml	Abs	ent	Absent		Absent		Abs	ent	Absent		Abs	ent	IS:15186:2002		
5	Salmone	/100ml	Abs	ent	Abs	ent	Absent		Absent		Absent		Absent		IS:15187:2016		
-		// <b></b> .															
6	Shigella	/100ml	<b></b> .								<b>.</b> .						
			Absent		Abs	ent	Abs	ent	Abs	sent	Abs	sent	Abs	ent	24thEd.2023,9		
		/													260-E		
7	Vibrio	/100ml	Abs	ent	Abs	ent	Abs	ent	Abs	ent	Abs	ent	Abs	ent	IS: 5887 (Part		
															V):1976		

Rever

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Multility former formental Laboratory couler The EPA, 1948. (02.04.3023 to 29.03.2028) NAM UNDARC ETRES 20125 According Teniting Laboratory (TC-12.345) (33.05.2023 to 23.09.2024)

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

SR.	TEST PARAMETERS	UNIT	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	TEST METHOD
NO.			SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	[
1.	Organic Matter	%	0.48	0.44	0.48	0.46	0.49	0.44	IS: 2720 (Part 22):1972
2.	Phosphorus as P	µg/g	532.5	542.3	535.3	540.6	562.1	542.5	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	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	APHA 24th Ed.2023,5520 F
5.0	Heavy Metals								
5.1	Aluminum as Al	%	3.91	3.88	3.92	3.96	3.95	3.98	IS3025(Part 55):2003
5.2	Total Chromium as Cr+3	µg/g	135.2	142.3	146.2	142.4	148.6	152.5	EPA 3050B/7000B (Extraction & Analytical Method):2007
5.3	Manganese as Mn	µg/g	684.2	702.5	686	702.2	690.8	650.8	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.4	Iron as Fe	%	4.12	3.94	3.95	3.98	3.91	3.88	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.5	Nickel as Ni	µg/g	48.62	44.25	42.3	44.5	46.2	42.6	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.6	Copper as Cu	µg/g	52.21	46.35	44.6	48.6	52.1	54.2	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.7	Zinc as Zn	µg/g	111.4	102.5	110.5	114.5	120.5	106.2	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.8	Lead as Pb	µg/g	2.41	2.24	2.22	2.29	2.11	1.86	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...



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Tealing Laborstory (TC-L1041) (33.01 JOJI In JJ.09 2024)

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

SR.	TEST	UNIT	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	TEST METHOD
NO.	PARAMETERS		SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
D					Benthi	c Organisms			
1	Macrobenthos		Isopods	Isopods	Isopods	Foraminiferan	Foraminiferan	Foraminiferan	APHA (24th Ed.
			Polychates	Polychates	Polychates	Decapods Larvae	Decapods Larvae	Decapods Larvae	2023)10500
			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	367	368	367	368	367	

Perel

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Multility former formental Laboratory souther The EPA, 1968. [03.04.30371 to 29.03.2038]

Teniting Laboratory (TC-12.345) (33.05.2023 to 23.09.2024)

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

SR.	TEST	UNIT	Oct	:-24	Nov	/-24	Dec	:-24	Jan	n-25	Feb	-25	Ma	r-25	TEST METHOD
NO.	PARAMETERS		SURFACE	BOTTOM	<u> </u>										
1.	рН		8.11	8.01	8.09	7.94	8.15	7.99	8.17	8.03	8.15	8.04	8.18	8.08	IS 3025(Part 11):2022
2.	Temperature	°C	29.9	29.8	29.8	29.7	29.7	29.6	29.6	29.5	29.7	29.6	29.8	29.7	IS 3025(Part 9):2023
3.	Total Suspended Solids	mg/L	128	102	142	114	132	102	142	114	130	116	124	106	APHA 24th Ed.,2023,2540- D
4.	BOD (3 Days @ 27°C)	mg/L	2.6	BDL(MDL :1.0)	2.5	BDL(MDL :1.0)	2.9	BDL(MDL :1.0)	2.6	BDL(MDL :1.0)	2.7	BDL(MDL :1.0)	2.9	BDL(MDL :1.0)	IS 3025(Part 44):2023
5.	Dissolved Oxygen	mg/L	6.84	6.53	6.7	6.6	6.62	6.52	6.45	6.35	6.71	6.5	6.57	6.37	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	35.64	36.88	35.28	36.65	35.42	36.72	35.56	36.81	35.67	36.84	35.72	36.89	By Calculation
7.	Oil & Grease	mg/L	BDL(MDL :2.0)	IS 3025(Part 39):2021											
8.	Nitrate as NO <sub>3</sub>	µmol/L	2.26	1.94	2.76	2.59	3.23	3.06	3.39	3.06	3.23	3.06	3.06	2.9	APHA 24th Ed.2023,4500 NO3-B
9.	Nitrite as NO <sub>2</sub>	µmol/L	0.261	0.239	0.379	0.276	0.37	0.348	0.413	0.391	0.456	0.413	0.413	0.391	APHA 24th Ed.2023,4500NO <sub>2</sub> B
10.	Ammonical Nitrogen as NH <sub>3</sub>	µmol/L	3.42	3.32	2.32	1.56	3.42	3.39	4.01	3.9	3.74	3.64	3.64	3.59	APHA 24th Ed.2023,4500- NH3 B
11.	Phosphates as PO <sub>4</sub>	µmol/L	1.26	1.16	1.37	1.26	1.58	1.47	1.16	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	5.941	5.499	5.459	4.426	7.02	6.798	7.813	7.351	7.426	7.113	7.113	6.881	APHA 24th Ed.2023,4500 NH3 - B
13.	Petroleum Hydrocarbon	μg/L	ND	APHA 24th ED.2023,5520 F											
14.	Total Dissolved Solids	mg/L	35810	36550	35640	36120	35550	36080	35840	36240	35910	36264	36010	36310	IS 3025(Part 16):2023
15.	COD	mg/L	32.4	20.2	24.2	12.1	27.9	12	32.1	20.1	36	24	32.7	20.4	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.	TEST	UNIT Oct-24		-24	Nov-24		Dec	:-24	Jan	-25	Feb	-25	Ma	r-25	TEST METHOD
NO.	PARAMET		SURFA	BOTTO	SURFA	BOTTO	SURFA	BOTTO	SURFA	BOTTO	SURFA	BOTTO	SURFA	BOTTO	
	ERS		CE	М	CE	М	CE	М	CE	М	CE	М	CE	М	
Α								Phyto	plankton						
1.	Chloroph yll	mg/m³	2.97	2.67	2.98	2.68	2.97	2.69	2.98	2.68	2.97	2.67	2.96	2.66	APHA (24th Ed. 2023)10200A-G
2.	Phaeophy tin	mg/m³	2.05	2.03	2.06	2.03	2.07	2.04	2.06	2.03	2.07	2.02	2.06	2.01	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10 <sup>3</sup> /L	93	148	92	147	91	148	92	147	91	145	92	144	APHA (24th Ed. 2023)10200A-G
4	Name of		Thalass	Pinnula	Thalass	Pinnula	Dinoph	Pinnula	Navicul	Thalass	Surirell	Thalass	Surirell	Thalass	APHA (24th Ed.
	Group		iothrix	ria	iothrix	ria	ysis	ria	а	iothrix	а	iothrix	а	iothrix	2023)10200A-G
	Number		Surirell	Biddulp	Surirell	Biddulp	Surirell	Biddulp	Skeleto	Surirell	Pinnula	Surirell	Pinnula	Surirell	
	and name		а	hia	а	hia	а	hia	nema	а	ria	а	ria	a	
	of group		Navicul	Navicul	Navicul	Navicul	Nitzschi	Navicul	Rhizoso	Navicul	Rhizoso	Navicul	Melosir	Navicul	
	species of		а	а	а	а	а	а	lenia	а	lenia	а	а	a	
	each		Thallas	Rhizoso	Cyclotel	Rhizoso	Cyclotel	Rhizoso	Dinoph	Thallas	Dinoph	Thallas	Dinoph	Thallas	
	group		siosira	lenia	la	lenia	la	lenia	ysis	siosira	ysis	siosira	ysis	siosira	
			Skeleto	Skeleto	Skeleto	Thallas	Skeleto	Thallas	Thalass	Skeleto	Thalass	Skeleto	Thalass	Skeleto	
			пета	пета	пета	siosira	пета	siosira	ionema	пета	ionema	пета	ionema	пета	

В					Zoop	plankton			
1	Abudance (Populati on)	noX10 3/ 100 m3	44	43	44	43	42	41	APHA (24rd Ed. 2023)10200 G
2	Name of Group		Egg(Fish and Shrimps)	Egg(Fish and Shrimps)	Egg(Fish and Shrimps)	Crustacean Larvae	Crustacean Larvae	Crustacean Larvae	
	Number and name		Copepods	Oikoplura	Nitzschia	Egg(Fish and Shrimps)	Egg(Fish and Shrimps)	Egg(Fish and Shrimps)	
	of group		Copepods nauplii	Copepods nauplii	Copepods nauplii	Copepods	Copepods	Copepods	
	species of		Crustacean	Crustacean	Pinnularia	Crustacean	Crustacean	Copepods nauplii	
	each group		Bivalve Larvae						
3	Total Biomass	ml/10 0 m <sup>3</sup>	15.2	15.1	15.2	15.2	15.1	15.2	

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

SR.	TEST	UNIT	Oct-24	4	Nov-24	D	ec-24	Jan-25		Feb-25	Ν	1ar-25	TEST
NO	PARAMETER												METHOD
•	S		SURFACE	BOTTOM	SURFACE B	оттом	SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTOM	
С							Microbiologi	ical					
1	Total	CFU/m											APHA 24 <sup>th</sup>
	Bacterial	I	124		126		128	127		128		130	Ed.2023,9215
	Count												-C
2	Total	/100m											APHA
	Coliform	I	35		36		35	36		37		37	24thEd.2023,
													9222-B
3	E.coli	/100m	12		10		11	10		11		10	IS
		I	15		12		11	10		11		15	:15185:2016
4	Enterococcus	/100m	Absor		Absort		haant	Ahaan	Abaant			heant	IS:15186:200
		I	Absen	L	Absent	Absent		Absent		Absent	P P	bsent	2
5	Salmonella	/100m	Abaan	•	Abaant	Absent		Absort		Absout		haant	IS:15187:201
		I	Absen	L I	Absent	A	bsent	Abser	11	Absent	P	bsent	6
6	Shigella	/100m											АРНА
		I	Absen	t	Absent	A	bsent	Absent		Absent	A 1	bsent	24thEd.2023,
													9260-Е
7	Vibrio	/100ml	A h = = =		Abaant		h	<b>A b</b>		Abaant			IS: 5887 (Part
			Absen	τ	Absent	A	bsent	Abser	IT	Absent	P P	bsent	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.	TEST PARAMETERS	UNIT	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	TEST METHOD
NO.			SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	[
1.	Organic Matter	%	0.52	0.48	0.52	0.48	0.41	0.48	IS: 2720 (Part 22):1972
2.	Phosphorus as P	µg/g	602.2	582.4	594.2	602.8	596.2	580.3	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	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	APHA 24th Ed.2023,5520 F
5.0	Heavy Metals								
5.1	Aluminum as Al	%	3.92	3.84	3.86	3.89	4.04	3.92	IS3025(Part 55):2003
5.2	Total Chromium as Cr+3	µg/g	144.3	135.2	142.3	146.7	138.4	142.5	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.3	Manganese as Mn	µg/g	702.4	672.4	682.6	694.3	702.5	680.3	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.4	Iron as Fe	%	4.11	3.87	4.01	4.06	4.11	4.06	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.5	Nickel as Ni	µg/g	42.25	48.65	49.36	50.34	48.2	44.1	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.6	Copper as Cu	µg/g	42.65	51.35	52.3	48.36	46.9	44.8	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.7	Zinc as Zn	µg/g	122.5	106.5	110.4	113.4	118.4	104.2	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.8	Lead as Pb	µg/g	1.95	2.02	2.12	2.09	2.14	1.96	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.	TEST	UNIT	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	TEST METHOD
NO.	PARAMETERS		SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
D						Benthic Organism	S		
1	Macrobenthos		Decapods Larvae	Polychates	Polychates	Foraminiferan	Foraminiferan	Foraminiferan	APHA (24th Ed.
			Isopods	Isopods	Isopods	Gastropods	Gastropods	Gastropods	2023)10500
			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	302	303	301	302	301	302	

Perel

Mr. Nilesh Patel Sr. Chemist



Mr. Nitin Tandel **Technical Manager** 



Multility former formental Laboratory under The EPA, 1346 [02.04.3023 to 29.03.2028] NAME (1983)/1012 & PRESS - 2010/05 Accountered Teniting Laboratory (TC-LILMEN) (33.03. JOJI In JJ.09.2024)

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

SR.	TEST	UNIT	Oct	t-24	Νο	/-24	Dec	:-24	Jan	-25	Feb	)-25	Ma	r-25	TEST METHOD
NO.	PARAMETERS		SURFACE	BOTTOM											
1.	рН		8.21	7.98	8.18	8.03	8.27	8.09	8.23	8.04	8.19	8.09	8.22	8.05	IS 3025(Part 11):2022
2.	Temperature	°C	30	29.9	29.9	29.8	29.8	29.7	29.7	29.6	29.8	29.7	29.7	29.6	IS 3025(Part 9):2023
3.	Total Suspended Solids	mg/L	134	106	102	88	110	92	124	88	118	96	126	98	APHA 24th Ed.,2023,2540- D
4.	BOD (3 Days @ 27°C)	mg/L	2.8	BDL(MDL: 1.0)	2.7	BDL(MDL: 1.0)	3.1	BDL(MDL: 1.0)	3.2	BDL(MDL: 1.0)	3.1	BDL(MDL: 1.0)	2.8	BDL(MDL: 1.0)	IS 3025(Part 44):2023
5.	Dissolved Oxygen	mg/L	6.94	6.73	6.8	6.7	6.72	6.62	6.65	6.55	6.71	6.6	6.57	6.47	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	35.29	36.54	35.33	36.12	35.42	36.22	35.62	36.38	35.74	36.52	35.79	36.64	By Calculation
7.	Oil & Grease	mg/L	BDL(MDL: 2.0)	IS 3025(Part 39):2021											
8.	Nitrate as NO <sub>3</sub>	µmol/L	2.58	2.26	2.67	2.41	2.42	2.26	3.23	2.9	3.55	3.23	3.39	3.06	APHA 24th Ed.2023,4500 NO3-B
9.	Nitrite as NO <sub>2</sub>	µmol/L	0.37	0.326	0.475	0.365	0.326	0.304	0.37	0.326	0.435	0.391	0.456	0.435	APHA 24th Ed.2023,4500NO <sub>2</sub> B
10.	Ammonical Nitrogen as NH <sub>3</sub>	µmol/L	3.42	3.26	2.62	2.58	3.59	3.53	3.85	3.8	4.06	3.95	3.8	3.74	APHA 24th Ed.2023,4500- NH3 B
11.	Phosphates as PO <sub>4</sub>	µmol/L	1.16	1.05	1.26	1.16	1.26	1.05	1.37	1.26	1.47	1.26	1.37	1.26	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	6.37	5.846	5.765	5.355	6.336	6.094	7.45	7.026	8.045	7.571	7.646	7.235	APHA 24th Ed.2023,4500 NH3 - B
13.	Petroleum Hydrocarbon	µg/L	ND	APHA 24th ED.2023,5520 F											
14.	Total Dissolved Solids	mg/L	35230	36610	35290	36080	35430	36140	35524	36180	35540	36218	35460	36180	IS 3025(Part 16):2023
15.	COD	mg/L	24.3	12.1	16.1	4	20	8	24.1	12	28	16	24.5	12.3	IS 3025(Part 58):2023



Multility former frommental Laboratory souther The EPA, 1968. [03.04.30371 to 29.03.2038] NAME (1980)/1012 & PREPS-2012/D Accountered Tealong Laboratory CTC-12.0453 133.01. JOJT IN J.J. 09.20243

CET-MARET ACCORDING DA & DW Consultant Organisation

UPCB Recognized

Environmental Author (July II) Certified Company CHIL Management System

INCOMENTATION INCOMENTATION IN CONTINUES.

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

SR.	TEST	UNIT	Oct	:-24	Νο	/-24	Dec	:-24	Jan	-25	Feb	-25	Mai	r-25	TEST METHOD
NO.	PARAMET		SURFAC	BOTTO											
	ERS		E	М	E	М	E	М	E	М	E	М	E	М	
Α									Phytopl	ankton					
1.	Chloroph yll	mg/m³	2.42	2.45	2.44	2.47	2.43	2.46	2.42	2.47	2.41	2.48	2.42	2.47	APHA (24th Ed. 2023)10200A-G
2.	Phaeophy tin	mg/m³	1.66	1.43	1.67	1.42	1.65	1.41	1.66	1.42	1.65	1.41	1.66	1.42	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10 <sup>3</sup> /L	156	96	155	97	154	96	155	97	154	98	155	97	APHA (24th Ed. 2023)10200A-G
4	Name of		Pinnula	Coscino	Pinnula	Coscino	Pinnula	Coscino	Melosir	Cyclotel	Melosir	Cyclotel	Melosir	Cyclotel	APHA (24th Ed.
	Group		ria	discus	ria	discus	ria	discus	а	la	а	la	a	la	2023)10200A-G
	Number		Biddulp	Pinnula	Biddulp	Pinnula	Biddulp	Pinnula							
	and name		hia	ria	hia	ria	hia	ria							
	of group		Navicul	Rhizosol	Navicul	Rhizosol	Navicul	Rhizosol	Skeleto	Skeleto	Rhizosol	Skeleto	Rhizosol	Skeleto	
	species of		а	enia	а	enia	а	enia	nema	nema	enia	nema	enia	пета	
	each		Thallass	Dinoph	Thallass	Dinoph	Thallass	Dinoph	Thallass	Thallass	Thallass	Thallass	Thallass	Thallass	
	group		iosira	ysis	iosira	ysis	iosira	ysis	iosira	iosira	iosira	iosira	iosira	iosira	
			Skeleto	Thalassi	Skeleto	Thalassi	Skeleto	Thalassi							
			пета	onema	пета	onema	пета	onema							

В						Zooplankton			
1	Abudance (Populati on)	noX10 3/ 100 m3	43	41	43	41	42	43	APHA (24rd Ed. 2023)10200 G
2	Name of	of Copepo		Copepods	Rhizosolenia	Crustacean	Crustacean	Crustacean	
	Group		Copepods nauplii	Copepods nauplii	Crustacean Larvae	Copepods nauplii	Copepods nauplii	Copepods nauplii	
	Number and name		Egg(Fish and Shrimps)	Egg(Fish and Shrimps)	Egg(Fish and Shrimps)	Crustacean Larvae	Crustacean Larvae	Crustacean Larvae	
	of group species of		Crustacean	Pinnularia	Oikoplura	Crustacean	Crustacean	Egg(Fish and Shrimps)	
	each group		Bivalve Larvae	Bivalve Larvae	Thalassionema	Bivalve Larvae	Bivalve Larvae	Bivalve Larvae	
3	Total Biomass	ml/10 0 m³	15.4	15.3	15.1	15.1	15.3	15.4	



Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM COUNTER AND DOUTS Accordinal Teniting Laboratory (TC-12.345) (33.05.2023 to 23.09.2024)

DEP MARET ACCORDING DA & DW Consultant Organization

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INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Auditor (Sch-II) Certified Company CHI, Management System

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

SR. NO	TEST PARAMETER	UNIT	Oct	-24	Nov-	24	Dec-3	24	Jan-25		Feb-25	Ma	ar-25	TEST METHOD
·	S		SURFAC E	BOTTO M	SURFAC E	BOTTO M	SURFAC E	BOTTON	M SURFACE	BOTTO M	SURFACE	вотто М		
С								I	Microbiological					
1	Total Bacterial Count	CFU/m I	13	34	136	5	137	,	136		138	1	140	APHA 24 <sup>th</sup> Ed.2023,9215 -C
2	Total Coliform	/100m I	3:	1	32		33		31		32		33	APHA 24thEd.2023, 9222-B
3	E.coli	/100m l	20	0	21		22		21		20	:	22	IS :15185:2016
4	Enterococcus	/100m l	Abs	ent	Abse	nt	Abse	nt	Absent		Absent	Ab	sent	IS:15186:200 2
5	Salmonella	/100m l	Abs	ent	Abse	nt	Abse	nt	Absent		Absent	Ab	sent	IS:15187:201 6
6	Shigella	/100m I	Abs	ent	Abse	nt	Abse	nt	Absent		Absent	Ab	sent	APHA 24thEd.2023, 9260-E
7	Vibrio	/100m l	Abs	ent	Abse	nt	Abse	nt	Absent		Absent	Ab	sent	IS: 5887 (Part V):1976

Rever

Mr. Nilesh Patel Sr. Chemist



Mr. Nitin Tandel **Technical Manager** 



Multility former formental Laboratory couler The EPA, 1948. (02.04.3023 to 29.03.2028) NAM EXCLUSIO 27025-20175 According Tenlong Laboratory CTC-12:04:51 133.01. JOJT IN J.J. 09.20243

CET-MARET ACCORDING DA & DW Consultant Organisation

UPCB Recognized

INCOMESTICATION INCOMESTICATION Environmental Autitor (Luh-II) Certified Company CHI, Management System

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

SR.	TEST	UNIT	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	TEST METHOD
NO.	PARAMETERS		SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
1.	Organic Matter	%	0.54	0.58	0.62	0.58	0.55	0.58	IS: 2720 (Part 22):1972
2.	Phosphorus as P	µg/g	624.2	610.2	611.4	590.5	608.4	598.5	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	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	APHA 24th Ed.2023,5520 F
5.0	Heavy Metals								
5.1	Aluminum as Al	%	3.95	3.82	3.86	3.94	3.97	4.08	IS3025(Part 55):2003
5.2	Total Chromium as Cr+3	µg/g	143.5	132.4	134.2	128.4	113.5	124.5	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.3	Manganese as Mn	µg/g	546.5	542.2	544.3	536.4	498.6	510.6	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.4	Iron as Fe	%	4.05	3.95	3.98	4.08	4.12	3.82	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.5	Nickel as Ni	µg/g	35.94	36.25	37.2	38.4	42.44	40.39	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.6	Copper as Cu	µg/g	38.24	34.22	34.35	35.26	36.28	37.88	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.7	Zinc as Zn	µg/g	124.3	108.5	112.4	118.4	122.2	120.21	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.8	Lead as Pb	µg/g	2.11	1.98	2.03	2.14	2.09	2.14	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



Multility former formental Laboratory under The SPA, 1988. (03.04.30373 to 29.03.2028)

NAM PROVIDE AVERSIDED Accordinal Tealong Laboratory CTC-12.0453 133.01. JOJT IN J.J. 09.20243

DEP MARET ACCORDING DA & DW Consultant Organisation

UPCB Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Auditor (Sch-II) Certified Company CHI, Management System

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

SR.	TEST	UNIT	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	TEST METHOD					
NO.	PARAMETERS		SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT						
D		Benthic Organisms												
1	Macrobenthos		Polychates	Polychates	Amphipods	Gastropods	Gastropods	Decapods Larvae	APHA (24th Ed.					
			Gastropods	Gastropods	Gastropods	Isopods	Isopods	Isopods	2023)10500					
			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/m <sup>2</sup>	298	296	298	297	295	294						

Perel

Mr. Nilesh Patel Sr. Chemist



Mr. Nitin Tandel **Technical Manager** 



Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM UNIVER AVERSI JOINT ACCORDING Tealing Laboratory (TC-L1.M1) (33.01.3031 to 33.09.2024)

CET-MART ACCORDED DA & DW Consultant Organisation

UPCB Recognized

INCOMESTICATION INCOMESTICATION Environmental Author (July II) Certified Company CHIL Management System

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

SR.	TEST	UNIT	Oct	:-24	Νον	/-24	Deo	c-24	Jar	n-25	Feb	-25	Ma	r-25	TEST METHOD
NO.	PARAMETERS		SURFACE	BOTTOM											
1.	рН		8.22	8.06	8.21	8.02	8.22	8.06	8.16	8	8.21	8.04	8.24	8.09	IS 3025(Part 11):2022
2.	Temperature	°C	30	29.9	29.8	29.7	29.7	29.6	29.6	29.5	29.7	29.6	29.6	29.5	IS 3025(Part 9):2023
3.	Total Suspended Solids	mg/L	122	104	116	94	106	88	128	114	122	108	132	114	APHA 24th Ed.,2023,2540- D
4.	BOD (3 Days @ 27°C)	mg/L	3.1	BDL(MDL: 1.0)	2.8	BDL(MDL: 1.0)	2.7	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	7.04	6.84	6.9	6.8	6.82	6.72	6.75	6.55	6.91	6.71	6.76	6.57	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	35.88	36.74	35.64	36.74	35.71	36.81	35.89	36.98	36.02	37.11	36.12	37.18	By Calculation
7.	Oil & Grease	mg/L	BDL(MDL: 2.0)	IS 3025(Part 39):2021											
8.	Nitrate as NO <sub>3</sub>	µmol/L	2.1	1.77	3.45	2.59	3.39	3.23	3.23	2.9	3.39	3.06	3.23	2.9	APHA 24th Ed.2023,4500 NO3-B
9.	Nitrite as NO <sub>2</sub>	µmol/L	0.196	0.174	0.431	0.328	0.391	0.37	0.435	0.391	0.391	0.37	0.456	0.413	APHA 24th Ed.2023,4500NO <sub>2</sub> B
10.	Ammonical Nitrogen as NH <sub>3</sub>	µmol/L	3.32	3.26	2.84	2.62	3.69	3.64	4.11	4.06	4.22	4.11	3.95	3.9	APHA 24th Ed.2023,4500- NH3 B
11.	Phosphates as PO <sub>4</sub>	µmol/L	1.05	BDL(MDL: 0.4)	1.16	BDL(MDL: 0.4)	1.26	1.16	1.47	1.37	1.05	BDL(MDL: 0.4)	1.05	BDL(MDL: 0.4)	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	5.616	5.204	6.721	5.538	7.471	7.24	7.775	7.351	8.001	7.54	7.636	7.213	APHA 24th Ed.2023,4500 NH3 - B
13.	Petroleum Hydrocarbon	µg/L	ND	APHA 24th ED.2023,5520 F											
14.	Total Dissolved Solids	mg/L	35590	36720	35160	35920	35240	36100	35610	36210	36642	36228	36320	36710	IS 3025(Part 16):2023
15.	COD	mg/L	28.3	16.2	20.2	8.1	24	12	28.1	16.1	32	20	28.6	16.3	IS 3025(Part 58):2023



Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM UNDARC ETRES 20125 According Teniting Laboratory (TC-LILMEN) (33.03. JOJI In JJ.09.2024)

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

SR.	TEST	UNIT	Oct	:-24	No	/-24	Dec	:-24	Jan	-25	Feb	-25	Mai	r-25	TEST METHOD
NO.	PARAMET		SURFAC	BOTTO											
	ERS		E	М	E	М	E	М	E	М	E	М	E	М	
Α								Phytopl	ankton						
1.	Chloroph yll	mg/m <sup>3</sup>	2.34	3.1	2.33	3.2	2.36	3.1	2.35	3.2	2.36	3.1	2.37	3.2	APHA (24th Ed. 2023)10200A-G
2.	Phaeophy tin	mg/m <sup>3</sup>	2.4	5	2.3	6	2.2	7	2.1	8	2.2	9	2.1	8	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10³/L	157	87	158	88	157	89	156	88	157	87	156	88	APHA (24th Ed. 2023)10200A-G
4	Name of		Coscino	Surirell	Surirell	Surirell	Coscino	Surirell	Thallass	Coscino	Thallass	Coscino	Thallass	Coscino	APHA (24th Ed.
	Group		discus	а	а	а	discus	а	iosira	discus	iosira	discus	iosira	discus	2023)10200A-G
	Number		Diplone	Biddulp	Diplone	Biddulp	Diplone	Biddulp	Melosir	Diplonei	Melosir	Diplonei	Melosir	Diplonei	
	and name		is	hia	is	hia	is	hia	а	S	а	S	а	5	
	of group		Rhizosol	Navicul	Thalassi	Coscino	Skeleto	Coscino	Nitzschi	Rhizosol	Nitzschi	Rhizosol	Nitzschi	Rhizosol	
	species of		enia	а	othrix	discus	nema	discus	а	enia	а	enia	а	enia	
	each		Dinoph	Thallass	Navicul	Thallass	Navicul	Thallass	Rhizosol	Dinoph	Rhizosol	Dinoph	Rhizosol	Dinoph	
	group		ysis	iosira	а	iosira	a	iosira	enia	ysis	enia	ysis	enia	ysis	
			Thalassi	Skeleto	Thalassi	Skeleto	Thalassi	Skeleto	Pleurosi	Thalassi	Pleurosi	Thalassi	Pleurosi	Thalassi	
			onema	nema	onema	nema	onema	пета	gma	onema	gma	onema	gma	onema	

В						Zooplankton			
1	Abudance (Populati on)	noX10 3/ 100 m3	37	38	39	38	37	36	APHA (24rd Ed. 2023)10200 G
2	Name of		Oikoplura	Oikoplura	Copepods nauplii	Copepods nauplii	Copepods nauplii	Copepods nauplii	
	Group Number		Copepods nauplii	Rhizosolenia	Rhizosolenia	Crustacean Larvae	Crustacean Larvae	Egg(Fish and Shrimps)	
	and name of group		Crustacean Larvae	Crustacean Larvae	Egg(Fish and Shrimps)	Oikoplura	Oikoplura	Oikoplura	
	species of		Crustacean	Crustacean	Crustacean	Bivalve Larvae	Bivalve Larvae	Copepods nauplii	
	each group		Bivalve Larvae	Bivalve Larvae	Bivalve Larvae	Oikoplura	Oikoplura	Oikoplura	
3	Total Biomass	ml/10 0 m <sup>3</sup>	14.26	14.27	14.26	14.25	14.26	14.27	



Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM UNIVER AVERSI JOINT ACCORDING Tealing Laboratory (TC-L1.M1) (33.01.3031 to 33.09.2024)

CET-MART ACCORDED DA & DW Consultant Organisation

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

SR. NO	TEST PARAMETER	UNIT	Oct-	24	Nov-24	4	Dec-24		Jan-25		Feb-25	Ma	ar-25	TEST METHOD
•	S		SURFACE	BOTTOM	SURFACE	BOTTOM	1 SURFACE	BOTTOM	M SURFACE	BOTTOM	SURFACE	BOTTOM		
С								Mi	icrobiological					
1	Total	CFU/ml												APHA 24 <sup>th</sup>
	Bacterial		102	2	103		104		103		102	1	L04	Ed.2023,9215
	Count													-C
2	Total	/100ml												APHA
	Coliform		42	2	43		44		42		41		40	24thEd.2023,
														9222-В
3	E.coli	/100ml	11		12		11		12		11		12	IS
				•	12		11		12		11		12	:15185:2016
4	Enterococcus	/100ml	Abco	nt	Abcon		Abcont		Abcont		Abcont	A H	cont	IS:15186:200
			ADSC		Absen		Absent		Absent		Absent	AL	Sent	2
5	Salmonella	/100ml	Abco	nt	Abcon		Abcont		Abcont		Abcont	۸h	cont	IS:15187:201
			ADSC		Absen	•	Absent		Absent		Absent	AL	isent	6
6	Shigella	/100ml												APHA
			Abse	ent	Absent	t 🔶	Absent		Absent		Absent	Ab	sent	24thEd.2023,
														9260-E
7	Vibrio	/100ml	۸hce	ant	Abson		Absort		Abcont		Abcont	٨٢	sont	IS: 5887 (Part
			ADSC	-iit	Absen	•	Absent		Ausent		Absent	AL	Sent	V):1976

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Mr. Nilesh Patel Sr. Chemist



Mr. Nitin Tandel Technical Manager



Multility former formental Laboratory under The EPA, 1988. 103.04.30371 to 29.03.20281 NAM UNDARC ETRES 20125 According Teniting Laboratory (TC-12.345) (33.05.2023 to 23.09.2024)

CET-MART ACCORDED DA & DW Consultant Organisation

UPCB Recognized

INCOMESTICATION INCOMESTICATION Environmental Author (Luk-II) Certified Company CHI, Management System

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

SR.	TEST	UNIT	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	TEST METHOD
NO.	PARAMETERS		SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
1.	Organic Matter	%	0.46	0.43	0.51	0.48	0.42	0.46	IS: 2720 (Part 22):1972
2.	Phosphorus as P	µg/g	544.6	541.3	562.2	544.6	562.3	550.2	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	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	APHA 24th Ed.2023,5520 F
5.0	Heavy Metals								
5.1	Aluminum as Al	%	4.06	3.99	4.02	4.08	4.01	4.09	IS3025(Part 55):2003
5.2	Total Chromium as Cr+3	µg/g	144.5	151.2	142.3	148.6	139.8	146.5	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.3	Manganese as Mn	µg/g	512.4	524.3	530.4	518.6	512.2	521.3	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.4	Iron as Fe	%	3.91	3.97	4.03	3.92	3.98	4.06	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.5	Nickel as Ni	µg/g	45.6	44.2	45.8	44.2	48.6	44.2	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.6	Copper as Cu	µg/g	42.8	49.8	50.6	46.8	48.2	52.36	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.7	Zinc as Zn	µg/g	152.3	142.6	148.6	438.5	444.2	435.2	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.8	Lead as Pb	µg/g	2.22	2.02	2.11	1.86	1.88	1.96	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



Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM UNIVER AVERSI JOINT ACCORDING Tenlorg Laboratory CTC-123451 133.01. JOJT IN J.J. 09.20243

CET-MART ACCORDED DA & DW Consultant Organisation

UPCB Recognized

INCOMESTICATION INCOMESTICATION Environmental Author (Sch-II) Certified Company CHI, Management System

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

SR.	TEST	UNIT	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	TEST METHOD
NO.	PARAMETERS		SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
D					Benthi	c Organisms			
1	Macrobenthos		Foraminiferan	Amphipods	Amphipods	Sipunculids	Sipunculids	Sipunculids	APHA (24th Ed.
			Gastropods	Gastropods	Gastropods	Decapods Larvae	Decapods Larvae	Decapods Larvae	2023)10500
			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 <sup>2</sup>	307	306	305	304	303	302	

Rever

Mr. Nilesh Patel Sr. Chemist



Mr. Nitin Tandel **Technical Manager** 



Multility former formental Laboratory under The SPA, 1988. (03.04.30371 to 29.03.20.28) NAME (1980)/1012 & PREPS-2012/D Accountered Tendong Laboratory (TC-13.945) (22.03. 2023 to 23.09.2024)

CET-MARET ACCORDING DA & DW Consultant Organisation

UPCB Receiption Divisionmental Auditor (Loh-II) CH100031.0015 (HSI 450031.0018 Cecidied Certified Company CH1 Management Jaystein

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

SR.	TEST	UNIT	Oct	:-24	No	/-24	Dec	:-24	Jan	n-25	Feb	o-25	Ma	r-25	TEST METHOD
NO.	PARAMETERS		SURFACE	BOTTOM											
1.	рН		8.14	7.98	8.21	8.03	8.14	7.98	8.19	8.01	8.24	8.11	8.19	8.03	IS 3025(Part 11):2022
2.	Temperature	°C	30.1	29.9	29.8	29.7	29.7	29.6	29.6	29.5	29.7	29.6	29.6	29.5	IS 3025(Part 9):2023
3.	Total Suspended Solids	mg/L	132	110	124	104	136	112	126	108	132	112	126	108	APHA 24th Ed.,2023,2540- D
4.	BOD (3 Days @ 27oC)	mg/L	2.9	BDL(MDL: 1.0)	2.5	BDL(MDL: 1.0)	2.8	BDL(MDL: 1.0)	2.6	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	6.84	6.63	6.7	6.6	6.62	6.52	6.65	6.45	6.6	6.5	6.47	6.37	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	35.12	36.33	35.19	36.48	35.28	36.52	35.44	36.66	35.56	36.71	35.42	36.74	By Calculation
7.	Oil & Grease	mg/L	BDL(MDL: 2.0)	IS 3025(Part 39):2021											
8.	Nitrate as NO3	µmol/L	2.74	2.42	2.8	2.37	2.9	2.74	3.23	2.9	3.71	3.39	3.55	3.39	APHA 24th Ed.2023,4500 NO3-B
9.	Nitrite as NO2	µmol/L	0.283	0.239	0.259	0.189	0.304	0.261	0.348	0.326	0.391	0.37	0.37	0.348	APHA 24th Ed.2023,4500NO2 B
10.	Ammonical Nitrogen as NH3	µmol/L	3.74	3.59	4.05	3.83	3.74	3.69	4.11	4.01	3.95	3.85	4.11	4.06	APHA 24th Ed.2023,4500- NH3 B
11.	Phosphates as PO4	µmol/L	1.05	BDL(MDL: 0.4)	1.05	BDL(MDL: 0.4)	1.16	1.05	1.05	BDL(MDL: 0.4)	1.16	1.05	1.37	1.26	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	6.763	6.249	7.109	6.389	6.944	6.691	7.688	7.236	8.051	7.61	8.03	7.798	APHA 24th Ed.2023,4500 NH3 - B
13.	Petroleum Hydrocarbon	μg/L	ND	APHA 24th ED.2023,5520 F											
14.	Total Dissolved Solids	mg/L	34840	35980	34560	35230	34620	35180	34980	35640	35060	35710	35140	35742	IS 3025(Part 16):2023
15.	COD	mg/L	16.2	12.1	8.1	4	12	8	16.1	12	20	16	16.3	12.3	IS 3025(Part 58):2023
														Co	ontinue



Multility former frommental Laboratory under The SPA, 1988. (03.04.30371 to 29.03.20.28) NAME (1980)/1012 & PREPS-2012/D Accountered Ten/Drg Laboratory (TC-13.945) (33.01.3033 to 23.00.2024)

CET-MARET ACCORDING DA & DW Consultant Organisation

UPCB Recognized

Environmental Autitor (Loh-II) Certified Company OHI, Management System

INCOMESTICATION INCOMESTICATION

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

SR.	TEST	UNIT	Oct	:-24	Nov	/-24	Dec	:-24	Jan	-25	Feb	-25	Mai	r-25	TEST METHOD
NO.	PARAMET		SURFAC	BOTTO											
	ERS		E	М	E	М	E	М	E	М	E	М	E	М	
Α									Phytopl	ankton					
1.	Chloroph yll	mg/m <sup>3</sup>	3.11	3.16	3.12	3.15	3.13	3.14	3.12	3.13	3.11	3.12	3.12	3.13	APHA (24th Ed. 2023)10200A-G
2.	Phaeophy tin	mg/m <sup>3</sup>	2.2	1.21	2.1	1.21	2.2	1.22	2.1	1.21	2.2	1.22	2.1	1.23	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10³/L	124	112	123	113	124	112	123	113	122	112	121	113	APHA (24th Ed. 2023)10200A-G
4	Name of		Diplone	Navicul	Diplone	Navicul	Navicul	Navicul	Navicul	Pinnula	Navicul	Pinnula	Navicul	Pinnula	APHA (24th Ed.
	Group		is	а	is	а	а	а	а	ria	а	ria	а	ria	2023)10200A-G
	Number		Rhizosol	Skeleto	Rhizosol	Skeleto	Biddulp	Skeleto	Biddulp	Biddulp	Biddulp	Biddulp	Biddulp	Rhizosol	
	and name		enia	nema	enia	nema	hia	nema	hia	hia	hia	hia	hia	enia	
	of group		Nitzschi	Rhizosol	Nitzschi	Rhizosol	Nitzschi	Rhizosol	Nitzschi	Navicul	Nitzschi	Navicul	Odentel	Dinoph	
	species of		а	enia	a	enia	а	enia	а	а	а	а	la	ysis	
	each		Cyclotel	Dinoph	Cyclotel	Biddulp	Cyclotel	Biddulp	Cyclotel	Thallass	Cyclotel	Thallass	Cyclotel	Coscino	
	group		la	ysis	la	hia	la	hia	la	iosira	la	iosira	la	discus	
			Pleurosi	Thalassi	Pleurosi	Thalassi	Pleurosi	Thalassi	Pleurosi	Skeleto	Pleurosi	Skeleto	Pleurosi	Skeleto	
			gma	onema	gma	onema	gma	onema	gma	пета	gma	пета	gma	пета	

В						Zooplankton			
1	Abudance	noX10							APHA (24rd Ed.
	(Populati	3/ 100	52	51	52	51	52	51	2023)10200 G
	on)	m3							
2	Name of		Copepods nauplii	Nitzschia	Nitzschia	Crustacean Larvae	Crustacean Larvae	Crustacean Larvae	
	Group		Cuuchassan Lamas	Cuucha coan Laman	Cruchescen Lawrence	Egg(Fish and	Egg(Fish and	Egg(Fish and	
	Number		Crustacean Larvae	Crustacean Larvae	Crustacean Larvae	Shrimps)	Shrimps)	Shrimps)	
	and name		Oikoplura	Oikoplura	Oikoplura	Copepods	Copepods	Copepods nauplii	
	of group		Bivalve Larvae	Bivalve Larvae	Bivalve Larvae	Crustacean	Crustacean	Crustacean	
	species of								
	each		Oikoplura	Oikoplura	Oikoplura	Bivalve Larvae	Bivalve Larvae	Bivalve Larvae	
	group								
3	Total	ml/10	14 11	14 12	14 11	14 12	14 11	14 12	
	Biomass	0 m³	14.11	14.12	14.11	14.12	14.11	14.12	



Multility former formation Laboratory under The SPA, 1988. (03.04.30373 to 29.03.2028) NAM COUNTER AND DECK ACCORDING Teniting Laboratory (TC-12.345) (33.05.2023 to 23.09.2024)

DEP MARET ACCORDING DA & DW Consultant Organisation

UPCB Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Auditor (Sch-II) Certified Company CHI, Management System

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

SR. NO	TEST PARAMETER	UNIT	Oct-	24	Nov-24	4	Dec-24		Jan-25		Feb-25	Ma	ır-25	TEST METHOD
•	S		SURFACE	BOTTOM	SURFACE	BOTTOM	I SURFACE	BOTTOM	VI SURFACE	BOTTOM	SURFACE	BOTTOM		
С								Mi	icrobiological					
1	Total	CFU/ml												APHA 24 <sup>th</sup>
	Bacterial		142	2	144		144		143		144	1	48	Ed.2023,9215
	Count													-C
2	Total	/100ml												APHA
	Coliform		30	)	31		32		31		32	:	31	24thEd.2023,
														9222-B
3	E.coli	/100ml	16		17		19		17		16		17	IS
			10		1/		10		17		10		17	:15185:2016
4	Enterococcus	/100ml	۸hse	ont	Abson		Absont		Abcont		Absont	۸h	cont	IS:15186:200
			Abse		Absen	L	Absent		Absent		Absent	A0	5011	2
5	Salmonella	/100ml	۸hse	ont	Abcon		Absont		Abcont		Absont	۸h	cont	IS:15187:201
			Abse		Absen		Absent		Absent		Absent	A0	Sent	6
6	Shigella	/100ml												APHA
			Abse	ent	Absent	t	Absent		Absent		Absent	Ab	sent	24thEd.2023,
														9260-E
7	Vibrio	/100ml	Abse	ont	Abson		Absont		Abcont		Abcont	۸h	cont	IS: 5887 (Part
			ADSE	ent	Absen		Absent		Ausent		ADSEIIL	AJ	Sent	V):1976

Perel

Mr. Nilesh Patel Sr. Chemist



Mr. Nitin Tandel **Technical Manager** 



Multility former formental Laboratory under The SPA, 1988. (03.04.30371 to 29.03.20.28)

Ten/Drg Laboratory (TC-13.945) (33.01.3033 to 23.00.2024)

CET-MARET ACCORDING DA & DW Consultant Organisation

UPCB Recognized

IND BOD'S: 2015 IND 450031 2018 Carl fred Environmental Autitor (Loh-II) Certified Company OHI, Management System

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

SR.	TEST PARAMETERS	UNIT	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	TEST METHOD
NO.			SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	[
1.	Organic Matter	%	0.42	0.48	0.44	0.48	0.52	0.56	IS: 2720 (Part 22):1972
2.	Phosphorus as P	µg/g	608	612.2	602	586	594.2	612.3	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	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	APHA 24th Ed.2023,5520 F
5.0	Heavy Metals								
5.1	Aluminum as Al	%	3.99	4.06	4.02	3.86	4.05	4.11	IS3025(Part 55):2003
5.2	Total Chromium as Cr+3	µg/g	142.6	135.6	144.2	136	142.2	140.6	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.3	Manganese as Mn	µg/g	574.2	602.2	610.8	596.5	614.2	610.5	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.4	Iron as Fe	%	4.16	4.03	4.06	3.74	3.86	4.01	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.5	Nickel as Ni	µg/g	44.82	42.1	48.6	46.2	42.5	44.6	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.6	Copper as Cu	µg/g	42.9	44.8	52.4	54.3	51.2	55.9	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.7	Zinc as Zn	µg/g	124.3	131.2	142.6	140.5	124.6	103.5	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.8	Lead as Pb	µg/g	2.16	2.18	2.09	2.11	2.02	1.75	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



Multility former formental Laboratory under The EPA, 1348-102.04.3023 to 29.03.00281

NAM PROVIDE AVERSIDED Accordinal Tenlong Laboratory CTC-1210455 133.01. JOJT IN J.J. 09.20243

CET-MART ACCORDED DA & DW Consultant Organisation

UPCB Recognized

INCOMESTICATION INCOMESTICATION Environmental Auditor (Ich-II) Certified Company CHE Management System

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

SR.	TEST	UNIT	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	TEST METHOD
NO.	PARAMETERS		SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
D						Benthic Organism	S		
1	Macrobenthos		Amphipods	Amphipods	Amphipods	Isopods	Isopods	Isopods	APHA (24th Ed.
			Polychates	Sipunculids	Polychates	Polychates	Polychates	Gastropods	2023)10500
			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	307	308	307	306	307	

Perel

Mr. Nilesh Patel Sr. Chemist



Mr. Nitin Tandel **Technical Manager** 



Multifield, Recog, Environmental Laboratory under The EPA, 1986 (03.04.3021 to 29.03.2028)

NAM PROVIDE AVERSIDED Accordinal Tealing Laborstory (TC-L1041) (33.01 JOJI In JJ.09 2024)

CET-MART ACCORDED DA & DW Consultant Organisation

UPCB Recognized

IND DOD'S, 2015 IND 45003. 2018 Certified Environmental Author (July II) Certified Company CHIL Management System

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

SR.	TEST	UNIT	Oct	t-24	Nov	v-24	Dee	c-24	Jan	1-25	Feb	-25	Ma	r-25	TEST METHOD
NO.	PARAMETERS		SURFACE	BOTTOM											
1.	рН		8.05	7.86	8.17	7.98	7.98	7.86	8.26	8.04	8.18	8.06	8.24	8.11	IS 3025(Part 11):2022
2.	Temperature	°C	29.9	29.8	29.8	29.7	29.7	29.6	29.6	29.5	29.7	29.6	29.6	29.5	IS 3025(Part 9):2023
3.	Total Suspended Solids	mg/L	118	90	108	94	114	98	109	86	120	96	118	99	APHA 24th Ed.,2023,2540- D
4.	BOD (3 Days @ 27°C)	mg/L	2.8	BDL(MDL: 1.0)	2.9	BDL(MDL: 1.0)	3	BDL(MDL: 1.0)	3.2	BDL(MDL: 1.0)	2.8	BDL(MDL: 1.0)	2.8	BDL(MDL: 1.0)	IS 3025(Part 44):2023
5.	Dissolved Oxygen	mg/L	7.04	6.73	6.9	6.8	6.82	6.72	6.65	6.55	6.81	6.71	6.66	6.57	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	35.72	36.47	35.64	36.25	35.76	36.35	35.82	36.44	35.74	36.48	35.65	36.49	By Calculation
7.	Oil & Grease	mg/L	BDL(MDL: 2.0)	IS 3025(Part 39):2021											
8.	Nitrate as NO <sub>3</sub>	µmol/L	3.06	2.74	3.23	2.59	3.06	2.9	2.74	2.42	3.23	3.06	3.55	3.23	APHA 24th Ed.2023,4500 NO3-B
9.	Nitrite as NO <sub>2</sub>	µmol/L	0.348	0.326	0.293	0.259	0.283	0.261	0.326	0.304	0.348	0.326	0.391	0.37	APHA 24th Ed.2023,4500NO <sub>2</sub> B
10.	Ammonical Nitrogen as NH <sub>3</sub>	µmol/L	3.85	3.74	3.97	3.84	3.64	3.59	3.9	3.8	4.16	4.06	3.95	3.9	APHA 24th Ed.2023,4500- NH3 B
11.	Phosphates as PO₄	µmol/L	1.16	BDL(MDL: 0.4)	1.16	1.05	1.16	BDL(MDL: 0.4)	1.05	BDL(MDL: 0.4)	1.16	BDL(MDL: 0.4)	1.05	BDL(MDL: 0.4)	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	7.258	6.806	7.493	6.689	6.983	6.751	6.966	6.524	7.738	7.446	7.891	7.5	APHA 24th Ed.2023,4500 NH3 - B
13.	Petroleum Hydrocarbon	μg/L	ND	APHA 24th ED.2023,5520 F											
14.	Total Dissolved Solids	mg/L	35470	36240	35410	36320	35520	36140	35850	36320	35890	36356	35924	36380	IS 3025(Part 16):2023
15.	COD	mg/L	20.2	16.2	12.1	8.1	16	12	20.1	16.1	24	20	20.4	16.3	IS 3025(Part 58):2023



Multifield, Recog, Environmental Laboratory under The EPA, 1986 (03.04.3021 to 29.03.2028)

NAM UNDARC ETRES 20125 According Teniting Laboratory (TC-12.345) (33.05.2023 to 23.09.2024)

CET-MART ACCORDED DA & DW Consultant Organisation

UPCB Recognized

INCOMENTATION INCOMENTATION IN CONTINUES.

Environmental Autitor (Luh-II) Certified Company CHI, Management System

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

SR.	TEST	UNIT	Oct	:-24	No	/-24	Dec	:-24	Jan	-25	Feb	-25	Ma	r-25	TEST METHOD
NO.	PARAMET		SURFAC	BOTTO											
	ERS		E	М	E	М	E	М	E	М	E	М	E	м	
Α									Phytopl	ankton					
1.	Chloroph yll	mg/m <sup>3</sup>	3.06	2.7	3.07	2.6	3.08	2.7	3.07	2.6	3.06	2.7	3.07	2.6	APHA (24th Ed. 2023)10200A-G
2.	Phaeophy tin	mg/m <sup>3</sup>	2.7	1.77	2.6	1.78	2.7	1.77	2.6	1.78	2.7	1.77	2.6	1.76	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10³/L	91	121	92	122	91	121	92	122	91	123	92	122	APHA (24th Ed. 2023)10200A-G
4	Name of		Nitzschi	Thalassi	Nitzschi	Rhizosol	Nitzschi	Rhizosol	Diplone	Coscino	Diplone	Coscino	Diplone	Coscino	APHA (24th Ed.
	Group		а	othrix	а	enia	а	enia	is	discus	is	discus	is	discus	2023)10200A-G
	Number		Pinnula	Surirell	Pinnula	Surirell	Odentel	Surirell	Rhizosol	Diplonei	Rhizosol	Diplonei	Rhizosol	Diplonei	
	and name		ria	а	ria	а	la	а	enia	s	enia	S	enia	s	
	of group		Odontel	Navicul	Dinoph	Navicul	Dinoph	Navicul	Nitzschi	Rhizosol	Nitzschi	Rhizosol	Nitzschi	Rhizosol	
	species of		la	а	ysis	а	ysis	а	а	enia	а	enia	а	enia	
	each		Dinoph	Thallass	Pleurosi	Thalassi	Pleurosi	Thalassi	Thalassi	Dinoph	Thalassi	Dinoph	Thalassi	Dinoph	
	group		ysis	iosira	gma	onema	gma	onema	othrix	ysis	othrix	ysis	othrix	ysis	
			Surirell	Skeleto	Surirell	Skeleto	Cyclotel	Skeleto	Pleurosi	Thalassi	Pleurosi	Thalassi	Cyclotel	Thalassi	
			а	пета	а	пета	la	nema	gma	onema	gma	onema	la	onema	

В					Zoopla	nkton			
1	Abudance (Populati on)	noX10 3/ 100 m3	41	44	43	42	41	42	APHA (24rd Ed. 2023)10200 G
2	Name of Group		Nitzschia	Nitzschia	Egg(Fish and Shrimps)	Egg(Fish and Shrimps)	Egg(Fish and Shrimps)	Egg(Fish and Shrimps)	
	Number		Pinnularia	Pinnularia	Coscinodiscus	Oikoplura	Oikoplura	Oikoplura	
	and name		Odontella	Odontella	Odontella	Copepods nauplii	Copepods nauplii	Copepods nauplii	
	of group		Dinophysis	Dinophysis	Dinophysis	Crustacean	Crustacean	Crustacean	
	species of each group		Surirella	Surirella	Bivalve Larvae	Bivalve Larvae	Bivalve Larvae	Bivalve Larvae	
3	Total Biomass	ml/10 0 m <sup>3</sup>	16.58	16.57	16.58	16.57	16.58	16.59	



MolEPhCC Recog Environmental Laboratory under The EPA, 1348 [03.04.3023 to 29.03.2028]

NAM PROVIDE AVERSIDED Accordinal Tealing Laborstory (TC-L1041) (33.01 JOJI In JJ.09 2024)

DEP MARET ACCORDING DA & DW Consultant Organisation

UPCB Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Auditor (Sch-II) Certified Company CHI, Management System

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

SR. NO	TEST PARAMETER	UNIT	Oct-	24	Nov-24	4	Dec-24		Jan-25		Feb-25	Ma	ar-25	TEST METHOD
•	S		SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTO	OM SURFACE	BOTTOM	SURFACE	BOTTOM		
С								N	Aicrobiological					
1	Total	CFU/ml												APHA 24 <sup>th</sup>
	Bacterial		94	L	96		98		99		98		96	Ed.2023,9215
	Count													-C
2	Total	/100ml												APHA
	Coliform		24	L	26		27		26		27		26	24thEd.2023,
														9222-В
3	E.coli	/100ml	13	,	11		12		11		12		11	IS
			13		11		12		11		12			:15185:2016
4	Enterococcus	/100ml	Abco	n t	Abcon		Abcont		Abcont		Abcont	AH	sont	IS:15186:200
			ADSC	ent	Absen	L	Absent		Absent		Absent	AL	sent	2
5	Salmonella	/100ml	Abco	n t	Abcon		Abcont		Abcont		Abcont	AH	sont	IS:15187:201
			ADSC		Absen	L	Absent		Absent		Absent	AL	sent	6
6	Shigella	/100ml												APHA
			Abse	ent	Absent	t	Absent		Absent		Absent	Ab	sent	24thEd.2023,
														9260-E
7	Vibrio	/100ml	Abco	nt	Abcont		Abcont		Abcont		Abcont	۸ h	cont	IS: 5887 (Part
			Abse	:iii	Absent	•	Absent		Absent		ADSeill	AD	sent	V):1976

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Mr. Nilesh Patel Sr. Chemist



Mr. Nitin Tandel Technical Manager



Multility former formental Laboratory under The EPA, 1988. 103.04.30371 to 29.03.20281 NAM PROVIDE AVERSIDED Accordinal Teniting Laboratory (TC-12.345) (33.05.2023 to 23.09.2024)

CET-MART ACCORDED DA & DW Consultant Organization

UPCB Recognized

INCOMESTICATION INCOMESTICATION Environmental Autiliar (Luh-II) Certified Company OHI, Management System

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

SR.	TEST	UNIT	Oct	t-24	No	/-24	Deo	c-24	Jan	-25	Feb	o-25	Ma	r-25	TEST METHOD
NO.	PARAMETERS		SURFACE	BOTTOM											
1.	рН		8.24	8.08	8.18	8.01	8.06	7.85	8.11	7.95	8.17	7.99	8.14	7.96	IS 3025(Part 11):2022
2.	Temperature	°C	30	29.9	29.9	29.8	29.8	29.7	29.7	29.6	29.8	29.7	29.7	29.6	IS 3025(Part 9):2023
3.	Total Suspended Solids	mg/L	128	98	116	84	122	80	128	86	124	104	132	112	APHA 24th Ed.,2023,2540- D
4.	BOD (3 Days @ 27°C)	mg/L	3.4	BDL(MDL: 1.0)	3.1	BDL(MDL: 1.0)	3.2	BDL(MDL: 1.0)	3.1	BDL(MDL: 1.0)	2.9	BDL(MDL: 1.0)	2.6	BDL(MDL: 1.0)	IS 3025(Part 44):2023
5.	Dissolved Oxygen	mg/L	7.04	6.84	6.9	6.8	6.82	6.72	6.85	6.65	6.91	6.71	6.76	6.57	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	35.55	36.62	35.62	36.74	35.74	36.82	35.83	36.94	35.75	36.97	35.78	37.02	By Calculation
7.	Oil & Grease	mg/L	BDL(MDL: 2.0)	IS 3025(Part 39):2021											
8.	Nitrate as NO <sub>3</sub>	µmol/L	3.23	2.9	3.02	2.59	2.74	2.42	3.06	2.9	2.9	2.58	3.23	3.06	APHA 24th Ed.2023,4500 NO3-
9.	Nitrite as NO <sub>2</sub>	µmol/L	0.348	0.326	0.276	0.215	0.304	0.283	0.391	0.37	0.413	0.37	0.391	0.37	APHA 24th Ed.2023,4500NO <sub>2</sub> B
10.	Ammonical Nitrogen as NH <sub>3</sub>	µmol/L	3.95	3.8	3.79	3.36	3.8	3.74	3.9	3.74	4.11	4.01	4.16	4.06	APHA 24th Ed.2023,4500- NH3
11.	Phosphates as PO <sub>4</sub>	µmol/L	1.16	BDL(MDL: 0.4)	1.05	BDL(MDL: 0.4)	1.16	BDL(MDL: 0.4)	1.16	1.05	1.37	1.16	1.05	BDL(MDL: 0.4)	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	7.528	7.026	7.086	6.165	6.844	6.443	7.351	7.01	7.423	6.96	7.781	7.49	APHA 24th Ed.2023,4500 NH3 -
13.	Petroleum Hydrocarbon	μg/L	ND	APHA 24th ED.2023,5520 F											
14.	Total Dissolved Solids	mg/L	35120	36250	34830	35640	35090	35840	35420	36204	35440	36340	35390	36388	IS 3025(Part 16):2023
15.	COD	mg/L	20.2	12.1	12.1	4	16	8	20.1	12	24	16	20.4	12.3	IS 3025(Part 58):2023



Multility former formental Laboratory couler The EPA, 1948. (02.04.3023 to 29.03.2028) NAM PROVIDE AVERSIDED Accordinal Teniting Laboratory (TC-12.345) (33.05.2023 to 23.09.2024)

CET-MART ACCORDED DA & DW Consultant Organization

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

SR.	TEST	UNIT	Oct	-24	No	/-24	Dec	:-24	Jan	-25	Feb	-25	Ma	r-25	TEST METHOD
NO.	PARAMET		SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	
	ERS		E	М	E	М	E	М	E	М	E	М	E	М	
Α									Phytopl	ankton					
1.	Chloroph yll	mg/m <sup>3</sup>	3.3	3.12	3.2	3.14	3.1	3.12	3.2	3.11	3.1	3.12	3.2	3.11	APHA (24th Ed. 2023)10200A-G
2.	Phaeophy tin	mg/m <sup>3</sup>	1.7	1.6	1.8	1.38	1.7	1.8	1.6	1.7	1.7	1.6	1.6	1.7	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10³/L	114	107	113	109	114	107	113	106	112	107	113	106	APHA (24th Ed. 2023)10200A-G
4	Name of Group		Odentel la	Cyclotel Ia	Odentel Ia	Cyclotel la	Odentel Ia	Cyclotel Ia	Nitzschi a	Diplonei s	Nitzschi a	Diplonei s	Nitzschi a	Diplonei s	APHA (24th Ed. 2023)10200A-G
	Number and name of group		Rhizosol enia	Pinnula ria	Rhizosol enia	Pinnula ria	Rhizosol enia	Pinnula ria	Gramm atophor a	Rhizosol enia	Gramm atophor a	Rhizosol enia	Gramm atophor a	Rhizosol enia	
	species of each		Coscino discus	Skeleto nema	Coscino discus	Skeleto nema	Coscino discus	Skeleto nema	Diplone is	Nitzschi a	Diplone is	Nitzschi a	Diplone is	Nitzschi a	
	group		Gramm atophor a	Thallass iosira	Gramm atophor a	Thallass iosira	Gramm atophor a	Thallass iosira	Thalassi othrix	Cyclotel la	Thalassi othrix	Cyclotel Ia	Thalassi othrix	Gramm atophor a	
			Thallass	Thalassi	Thallass	Thalassi	Thallass	Thalassi	Pleurosi	Pleurosi	Pleurosi	Pleurosi	Pleurosi	Pleurosi	
			iosira	onema	iosira	onema	iosira	onema	gma	gma	gma	gma	gma	gma	
В								Zoopla	nkton						
1	Abudance (Populati on)	noX10 3/ 100 m3	3	2	3	1	3	2	3	1	3	2	3	0	APHA (24rd Ed. 2023)10200 G
2	Name of		Coscin	odiscus	Coscin	odiscus	Odor	ntella	Oiko	plura	Oiko	olura	Oiko	plura	
	Group Number		Diple	oneis	Egg(Fi Shrii	sh and mps)	Egg(Fi Shrii	sh and mps)	Сорерос	ls nauplii	Сорероа	ls nauplii	Egg(Fi Shrii	sh and mps)	
	and name		Rhizos	olenia	Rhizos	olenia	Rhizos	olenia	Crustace	an Larvae	Crustaced	an Larvae	Crustace	an Larvae	
	of group		Dinop	ohysis	Bivalve	Larvae	Bivalve	Larvae	Crust	acean	Crust	acean	Crust	acean	
	species of each group		Thalass	ionema	Thalass	ionema	Thalass	ionema	Bivalve	Larvae	Bivalve	Larvae	Bivalve	Larvae	
3	Total Biomass	ml/10 0 m <sup>3</sup>	14	.77	14	.76	14	.77	14	.76	14	.77	14	.78	



Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM COUNTER AND DECK ACCORDING Tealing Laborstory (TC-L1041) (33.01 JOJI In JJ.09 2024)

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

SR.	TEST	UNIT	Oct-	24	Nov-2	4	Dec-24		Jan-25	1	-eb-25	Ma	ar-25	TEST
	S		SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	вотто	M SURFACE	BOTTOM	SURFACE	BOTTOM		WEITIOD
С								N	licrobiological					
1	Total Bacterial Count	CFU/ml	92	2	94		10		11		12		16	APHA 24 <sup>th</sup> Ed.2023,9215 -C
2	Total Coliform	/100ml	12	2	13		14		13		12		14	APHA 24thEd.2023, 9222-B
3	E.coli	/100ml	11		12		11		10		11		11	IS :15185:2016
4	Enterococcus	/100ml	6		5		6		5		6		5	IS:15186:200 2
5	Salmonella	/100ml	Abse	ent	Absen	t	Absent		Absent		Absent	Ab	sent	IS:15187:201 6
6	Shigella	/100ml	Abse	ent	Absent	t	Absent		Absent		Absent	Ab	sent	APHA 24thEd.2023, 9260-E
7	Vibrio	/100ml	Abse	ent	Absent	t 🛛	Absent		Absent		Absent	Ab	sent	IS: 5887 (Part V):1976

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Mr. Nilesh Patel Sr. Chemist



Mr. Nitin Tandel **Technical Manager** 



Multility former formental Laboratory couler The EPA, 1948. (02.04.3023 to 29.03.2028)

Tealing Laboratory CTC-13.9451 133.01. JOJT IN J.J. 09.20243

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

SR.	TEST PARAMETERS	UNIT	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	TEST METHOD
NO.			SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
1.	Organic Matter	%	0.51	0.48	0.52	0.46	0.51	0.56	IS: 2720 (Part 22):1972
2.	Phosphorus as P	µg/g	578.6	602.4	610.8	598.4	618.4	620.3	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	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	APHA 24th Ed.2023,5520 F
5.0	Heavy Metals								
5.1	Aluminum as Al	%	4.12	4.15	4.09	4.12	4.1	4.11	IS3025(Part 55):2003
5.2	Total Chromium as Cr+3	µg/g	138.5	132.2	138.4	146.2	134.6	142.3	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.3	Manganese as Mn	µg/g	602.5	594.2	576.2	608.4	588.5	602.8	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.4	Iron as Fe	%	4.11	3.89	3.48	3.69	3.88	4.03	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.5	Nickel as Ni	µg/g	44.6	42.2	38.9	42.2	44.6	45	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.6	Copper as Cu	µg/g	54.2	52.4	49.9	45.8	48.9	48.1	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.7	Zinc as Zn	µg/g	134	124.2	120.3	115.2	124.3	116.3	EPA 3050B/7000B (Extraction &Analytical Method):2007
5.8	Lead as Pb	µg/g	2.38	2.12	2.09	2.14	2.16	1.95	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



Multility brong Environmental Laboratory couler The EPA, 1948. (02.04.3023 to 29.03.2028) NAM UNIVER AVERSI JOINT ACCORDING Tealing Laborstory (TC-L1041) (33.01 JOJI In JJ.09 2024)

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

SR.	TEST	UNIT	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	TEST METHOD
NO.	PARAMETERS		SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	SEDIMENT	
D						Benthic Organism	IS		
1	Macrobenthos		Polychates	Gastropods	Gastropods	Polychates	Polychates	Polychates	APHA (24th Ed.
			Decapods Larvae	Decapods Larvae	Decapods Larvae	Amphipods	Amphipods	Amphipods	2023)10500
			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/m <sup>2</sup>	365	364	366	367	368	367	

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Multifield, Recog, Environmental Laboratory under The EPA, 1986 (03.04.3021 to 29.03.2028)

NAM PROVIDE AVERSIDED Accordinal Tealing Laborstory (TC-L1041) (33.01 JOJI In JJ.09 2024)

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

SR.	TEST	UNIT	Oct	t-24	No	/-24	Deo	c-24	Jan	i-25	Feb	-25	Ma	r-25	TEST METHOD
NO.	PARAMETERS		SURFACE	BOTTOM											
1.	рН		8.17	7.99	8.24	8.04	8.33	8.12	8.34	8.06	8.27	8.11	8.21	8.02	IS 3025 (Part 11):2022
2.	Temperature	°C	29.9	29.8	29.8	29.7	29.7	29.6	29.6	29.5	29.7	29.6	29.8	29.7	IS 3025 (Part 9):2023
3.	Total Suspended Solids	mg/L	136	120	132	114	144	128	126	102	122	110	118	104	APHA 24th Ed.,2023,2540- D
4.	BOD (3 Days @ 27°C)	mg/L	2.6	BDL(MDL: 1.0)	2.8	BDL(MDL: 1.0)	3.4	BDL(MDL: 1.0)	3.2	BDL(MDL: 1.0)	3.1	BDL(MDL: 1.0)	3.2	BDL(MDL: 1.0)	IS 3025 (Part 44):2023
5.	Dissolved Oxygen	mg/L	6.94	6.73	6.8	6.7	6.72	6.62	6.55	6.45	6.6	6.5	6.47	6.37	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	35.75	36.81	35.81	36.74	36.08	37.2	36.14	37.35	36.21	37.12	36.34	37.14	By Calculation
7.	Oil & Grease	mg/L	BDL(MDL: 2.0)	IS 3025 (Part 39):2021											
8.	Nitrate as NO <sub>3</sub>	µmol/L	3.39	3.06	3.36	2.8	3.23	3.06	3.71	3.55	3.55	3.23	3.39	3.23	APHA 24th Ed. 2023,4500 NO3-B
9.	Nitrite as NO <sub>2</sub>	µmol/L	0.283	0.261	0.328	0.276	0.326	0.283	0.456	0.435	0.435	0.413	0.413	0.391	APHA 24th Ed.2023,4500NO <sub>2</sub> B
10.	Ammonical Nitrogen as NH <sub>3</sub>	µmol/L	3.8	3.69	3.62	3.32	3.69	3.64	4.01	3.9	4.27	4.16	4.27	4.11	APHA 24th Ed. 2023,4500- NH3 B
11.	Phosphates as PO <sub>4</sub>	µmol/L	BDL(MDL: 0.4)	BDL(MDL: 0.4)	1.26	1.16	1.05	BDL(MDL: 0.4)	1.58	1.37	1.16	BDL(MDL: 0.4)	1.16	1.05	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	7.473	7.011	7.308	6.396	7.246	6.983	8.176	7.885	8.255	7.803	8.073	7.731	APHA 24th Ed. 2023,4500 NH3 - B
13.	Petroleum Hydrocarbon	μg/L	ND	APHA 24th ED.2023,5520 F											
14.	Total Dissolved Solids	mg/L	35460	36710	35190	35960	35210	35850	35490	36310	35410	36280	35480	36310	IS 3025(Part 16):2023
15.	COD	mg/L	20.2	16.2	12.1	8.1	16	12	20.1	16.1	24	20	20.4	16.3	IS 3025(Part 58):2023



Multifield, Recog, Environmental Laboratory under The EPA, 1986 (03.04.3021 to 29.03.2028)

NAM PROVIDE AVERSIDED Accordinal Tealing Laborstory (TC-L1041) (33.01 JOJI In JJ.09 2024)

CET-MART ACCORDED DA & DW Consultant Organization

UPCB Recognized

INCOMESTICATION INCOMESTICATION Environmental Author (July II) Certified Company CHIL Management System

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

SR.	TEST	UNIT	Oct	:-24	No	/-24	Dec	:-24	Jan	-25	Feb	-25	Mai	r-25	TEST METHOD
NO.	PARAMET		SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	
	ERS		E	М	E	М	E	М	E	М	E	М	E	М	
Α									Phytopl	ankton					
1.	Chloroph yll	mg/m <sup>3</sup>	2.8	2.7	2.7	2.6	2.6	2.7	2.5	2.6	2.6	2.7	2.7	2.8	APHA (24th Ed. 2023)10200A-G
2.	Phaeophy tin	mg/m <sup>3</sup>	2.6	1.5	2.7	1.6	2.5	1.5	2.4	1.4	2.3	1.3	2.4	1.2	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10³/L	131	119	132	120	133	122	132	121	131	122	132	123	APHA (24th Ed. 2023)10200A-G
4	Name of		Dinoph	Navicul	Odentel	Cyclotel	Cyclotel	Surirell	Odentel	Nitzschi	Odentel	Nitzschi	Odentel	Nitzschi	APHA (24th Ed.
	Group		ysis	а	la	la	la	а	la	а	la	а	la	а	2023)10200A-G
	Number		Pinnula	Skeleto	Rhizosol	Pinnula	Pinnula	Skeleto	Rhizosol	Pinnula	Rhizosol	Pinnula	Rhizosol	Pinnula	
	and name		ria	nema	enia	ria	ria	nema	enia	ria	enia	ria	enia	ria	
	of group		Thalassi	Rhizosol	Coscino	Skeleto	Thalassi	Rhizosol	Coscino	Odontel	Coscino	Odontel	Coscino	Odontel	
	species of		othrix	enia	discus	nema	othrix	enia	discus	la	discus	la	discus	la	
	each group		Gramm atophor	Dinoph	Gramm atophor	Thallass	Rhizosol	Cyclotel	Gramm atophor	Dinoph	Gramm atophor	Dinoph	Pleurosi	Dinoph	
			a	ysis	a	iosira	enia	Ια	a	ysis	a	ysis	gma	ysis	
			Ceratiu	Thalassi	Thallass	Thalassi	Ceratiu	Thalassi	Thallass	Surirell	Thallass	Surirell	Thallass	Surirell	
			m	onema	iosira	onema	m	onema	iosira	а	iosira	а	iosira	а	

В		Zooplankton APH												
1	Abudance (Populati on)	noX10 3/ 100 m3	35	34	33	32	33	31	APHA (24rd Ed. 2023)10200 G					
2	Name of		Diploneis	Diploneis	Diploneis	Decapoda	Decapoda	Decapoda						
	Group		Rhizosolenia	Rhizosolenia	Rhizosolenia	Copepods	Copepods	Oikoplura						
	Number and name		Nitzschia	Nitzschia	Nitzschia	Crustacean Larvae	Crustacean Larvae	Crustacean Larvae						
	or group		Thalassiothrix	Coscinodiscus	Coscinodiscus	Crustacean	Crustacean	Bivalve Larvae						
	each group		Pleurosigma	Pleurosigma	Pleurosigma	Oikoplura	Oikoplura	Oikoplura						
3	Total Biomass	ml/10 0 m <sup>3</sup>	15.24	15.23	15.22	15.21	15.22	15.21						



Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM COUNTER AND DECK ACCORDING Tealing Laborstory (TC-L1041) (33.01 JOJI In JJ.09 2024)

DEP MARET ACCORDING DA & DW Consultant Organisation

UPCB Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Auditor (Sch-II) Certified Company CHI, Management System

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

SR.	TEST PARAMETER	UNIT	Oct-	24	Nov-2	4	Dec-24		Jan-25		Feb-25	Ma	ar-25	TEST
	S		SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTO	OM SURFACE	BOTTOM	SURFACE	BOTTOM		
С		'						N	Microbiological					
1	Total	CFU/ml		_			226		225		22.4			APHA 24 <sup>th</sup>
	Count		23.	2	234		236		235		234	4	234	Ed.2023,9215 -C
2	Total Coliform	/100ml	42		41		42		41		42		41	APHA 24thEd.2023, 9222-B
3	E.coli	/100ml	30		33		34		33		32		31	IS :15185:2016
4	Enterococcus	/100ml	12	2	11		12		11		12		11	IS:15186:200 2
5	Salmonella	/100ml	Abse	ent	Absen	t	Absent		Absent		Absent	Ak	sent	IS:15187:201 6
6	Shigella	/100ml	Abse	ent	Absent	t	Absent		Absent		Absent	At	osent	APHA 24thEd.2023, 9260-E
7	Vibrio	/100ml	Abse	ent	Absent	t	Absent		Absent		Absent	Ak	sent	IS: 5887 (Part V):1976

Perel

Mr. Nilesh Patel Sr. Chemist



Mr. Nitin Tandel **Technical Manager** 



Multifield, Recog, Environmental Laboratory under The EPA, 1986 (03.04.3021 to 29.03.2028)

NAM PROVIDE AVERSIDED Accordinal Tealing Laboratory (TC-12.165) (32.01.2021 to 22.09.2024)

CET-MART ACCORDED DA & DW Consultant Organisation

UPCB Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Author (July II) Certified Company CHIL Management System

<u>RESULTS OF MARINE WATER [M12 SPM N 22°40'938" E 069°39'191"]</u>															
SR.	TEST	UNIT	Oct	:-24	Nov	/-24	Deo	:-24	Jan	-25	Feb	o-25	Ma	r-25	TEST METHOD
NO.	PARAMETERS		SURFACE	BOTTOM											
1.	рН		8.21	8.03	8.12	7.95	8.26	8.09	8.21	8.05	8.24	8.08	8.19	8.04	IS 3025 (Part 11):2022
2.	Temperature	°C	30	29.9	29.8	29.7	29.7	29.6	29.6	29.5	29.7	29.6	29.8	29.7	IS 3025 (Part 9):2023
3.	Total Suspended Solids	mg/L	122	90	110	88	114	90	138	110	132	118	126	104	APHA 24th Ed.,2023,2540- D
4.	BOD (3 Days @ 27°C)	mg/L	2.7	BDL(MDL :1.0)	3.1	BDL(MDL :1.0)	2.9	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	7.04	6.84	6.9	6.8	6.82	6.72	6.75	6.65	6.81	6.71	6.66	6.57	APHA 24th Ed.2023,4500-O, B
6.	Salinity	ppt	35.72	36.58	35.62	36.54	35.94	36.82	36.08	37.21	36.14	37.02	36.25	37.14	By Calculation
7.	Oil & Grease	mg/L	BDL(MDL :2.0)	IS 3025 (Part 39):2021											
8.	Nitrate as NO <sub>3</sub>	µmol/L	2.74	2.42	3.45	2.8	3.39	3.23	3.55	3.39	3.87	3.71	3.71	3.55	APHA 24th Ed. 2023,4500 NO3-B
9.	Nitrite as NO <sub>2</sub>	µmol/L	0.413	0.37	0.345	0.276	0.348	0.326	0.413	0.37	0.478	0.456	0.37	0.348	APHA 24th Ed.2023,4500NO <sub>2</sub> B
10.	Ammonical Nitrogen as NH <sub>3</sub>	µmol/L	3.9	3.8	3.28	3.1	3.59	3.53	4.06	3.9	4.27	4.16	4.22	4.16	APHA 24th Ed. 2023,4500- NH3 B
11.	Phosphates as PO₄	µmol/L	1.37	1.16	1.16	1.05	1.26	1.16	1.26	BDL(MDL :0.4)	1.58	1.47	1.47	1.37	APHA 24th Ed.2023,4500-P, D
12.	Total Nitrogen	µmol/L	7.053	6.59	7.075	6.176	7.328	7.086	8.023	7.66	8.618	8.326	8.3	8.058	APHA 24th Ed. 2023,4500 NH3 - B
13.	Petroleum Hydrocarbon	μg/L	ND	APHA 24th ED.2023,5520 F											
14.	Total Dissolved Solids	mg/L	35460	36140	35510	36140	35430	36100	35760	36420	35680	36450	35720	36520	IS 3025(Part 16):2023
15.	COD	mg/L	24.3	20.2	16.1	12.1	20	16	24.1	20.1	28	24	24.5	20.4	IS 3025(Part 58):2023



Multifield, Recog, Environmental Laboratory under The EPA, 1986 (03.04.3021 to 29.03.2028)

NAM EXCLUSIO 27025-20175 According Teniting Laboratory (TC-LILMEN) (33.03. JOJI In JJ.09.2024)

CET-MARKET AND CONTRACT CLA-M. CONT Consultanti Organization

Units Recognized Division and Auditor (Lob-1) Contribut Company OHL Management System

SR.	TEST	UNIT	Oct	-24	Nov	/-24	Dec	:-24	Jan	-25	Feb	-25	Ma	r-25	TEST METHOD
NO.	PARAMET		SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	SURFAC	BOTTO	
	ERS		E	М	E	М	E	М	E	М	E	М	E	М	
Α									Phytop	ankton					
1.	Chloroph yll	mg/m³	2.2	2.3	2.3	2.2	2.4	2.1	2.3	2.1	2.2	2.2	2.1	2.1	APHA (24th Ed. 2023)10200A-G
2.	Phaeophy tin	mg/m³	1.16	1.48	1.17	1.47	1.18	1.46	1.17	1.47	1.18	1.48	1.19	1.49	APHA (24th Ed. 2023)10200A-G
3.	Cell Count	No. x 10³/L	78	133	77	132	76	131	77	132	78	131	77	132	APHA (24th Ed. 2023)10200A-G
4	Name of Group		Ceratiu m	Melosir a	Ceratiu m	Rhizosol enia	Surirell a	Rhizosol enia	Skeleto nema	Odentel Ia	Skeleto nema	Odentel Ia	Skeleto nema	Odentel la	APHA (24th Ed. 2023)10200A-G
	Number and name of group		Pinnula ria	Dinoph ysis	Pinnula ria	Dinoph ysis	Pinnula ria	Dinoph ysis	Gramm atophor a	Rhizosol enia	Gramm atophor a	Rhizosol enia	Gramm atophor a	Rhizosol enia	
	species of each group	ecies of each group	Odontel Ia	Skeleto nema	Odontel la	Skeleto nema	Gramm atophor a	Skeleto nema	Nitzschi a	Coscino discus	Nitzschi a	Coscino discus	Nitzschi a	Coscino discus	
			Thalassi othrix	Thallass iosira	Thalassi othrix	Thallass iosira	Thalassi othrix	Thallass iosira	Thalassi othrix	Gramm atophor a	Thalassi othrix	Gramm atophor a	Coscino discus	Pinnula ria	
			Thallass iosira	Thalassi onema	Thallass iosira	Melosir a	Rhizosol enia	Melosir a	Pleurosi gma	Thallass iosira	Pleurosi gma	Thallass iosira	Pleurosi gma	Thallass iosira	
В									Zoopla	inkton	·				
1	Abudance (Populati on)	noX10 3/ 100 m3	7.	2	7	3	7	2	7	'1	7	2	7	'1	APHA (24rd Ed. 2023)10200 G
2	Name of		Nitzs	chia	Nitzs	chia	Nitzs	schia	Соре	pods	Соре	pods	Соре	epods	
	Group		Gramma	tophora	Gramma	tophora	Gramma	atophora	Oiko	plura	Oiko	plura	Oiko	plura	
	Number and name	er me	Diplo	oneis	Diplo	oneis	Egg(Fi Shri	ish and mps)	Crust Lar	acean vae	Crust Lar	acean vae	Crust Lar	acean vae	
	of group		Thalass	siothrix	Thalass	iothrix	Thalas	siothrix	Crust	acean	Crust	acean	Crust	acean	
	each group		Pleuro	sigma	Pleuro	sigma	Pleuro	osigma	Bivalve	Larvae	Bivalve	Larvae	Egg(Fi Shri	ish and mps)	
3	Total Biomass	ml/10 0 m <sup>3</sup>	14.	56	14.	57	14	.58	14	.57	14	.56	14	.57	



Multility former townships Laboratory under The EPA, 1988. (03.04.3021 to 29.03.2028)

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NABL (100/101) 17025-20123 Accordinal Tentong Laboratory CTC-12,0403 133.01. JOJI IN JJ.09.20243

CET-MART ACCORDED DA & DW Consultant Organization

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

UPCB Recognized Environmental Autitor (Loh-II) Certified Company CHIL Management System

Absent

Absent

TEST PARAMETER	UNIT	Oct-24		Nov-24		Dec-24		Jan-25		Feb-25		ar-25	TEST METHOD
S		SURFACE	BOTTOM	SURFACE	BOTTOM	SURFACE	BOTTO	M SURFACE	BOTTOM	SURFACE	BOTTOM		
							М	licrobiological					
Total Bacterial Count	CFU/ml	250	6	51		260		262		264	:	266	APHA 24 <sup>th</sup> Ed.2023,9215 -C
Total Coliform	/100ml	52	2	43		52		51		50		52	APHA 24thEd.2023, 9222-B
E.coli	/100ml	42		33		41		40		41		40	IS :15185:2016
Enterococcus	/100ml	32		Absent		34		33	34			33	IS:15186:200 2
Salmonella	/100ml	Abse	ent	Absent	t	Absent		Absent		Absent	At	osent	IS:15187:201 6
Shigella	/100ml												APHA

Absent

Absent

Perer

/100ml

Absent

Absent

Absent

Absent

Mr. Nilesh Patel Sr. Chemist



Regd. Office : 215, Royal Avcade, Near G.I.D.C., Office, Char Rasta, Vapi-396 195, Gujarat. Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat. CIN: U73100GJ2007PTC051463

Absent

Absent

Mr. Nitin Tandel

**Technical Manager** 

Absent

Absent

24thEd.2023, 9260-E

IS: 5887 (Part

V):1976

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Multifield, Recog, Environmental Laboratory under The EPA, 1986 (03.04.3021 to 29.03.2028)

NAM EXCLUSIO 27025-20175 According Tealing Laboratory (TC-12.165) (32.01.2021 to 22.09.2024)

CET-MART ACCORDED DA & DW Consultanti Organisation

UPCS Recognized

Environmental Autitor (Lub-II) Certified Company OHI, Management System

INCOMESTICATION INCOMESTICATION

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	TEST		Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	GPCB	
51.100.	PARAMETERS		24-10-2024	25-11-2024	25-12-2024	24-01-2025	18-02-2025	06-03-2025	Limit	
1.	Colour	Pt. Co. Scale	40	50	40	40	40	40	100	IS 3025(Part 4):2021
2.	рН @ 27 ° С		7.64	7.28	7.14	7.22	7.34	7.42	6.5 to 8.5	IS 3025(Part 11):2022
3.	Temperature	٥C	30	30	29	29	30	30.5	40	IS 3025(Part 9):2023
4.	Total Suspended Solid	mg/L	54	36	18	26	24	36	100	APHA 24th Ed.2023,2540 –D
5.	Total Dissolved Solids	mg/L	648	622	580	628	610	644	2100	APHA 24th Ed.2023,2540- C
6.	COD	mg/L	92.2	88.5	78.4	82.2	86.1	81.2	100	IS 3025(Part 58):2023
7.	BOD (3 days at 27 ºC)	mg/L	27	26	23	25	26	24	30	IS 3025(Part 44):2023
8.	Chloride (as Cl) <sup>-</sup>	mg/L	242.2	262.2	302	280	294	274.5	600	IS 3025(Part 32):1988
9.	Oil & Grease	mg/L	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	10	IS 3025(Part 39):2021
10.	Sulphate (as SO <sub>4</sub> )	mg/L	42	48	52	26	32	42	1000	IS 3025(Part 24):2022
11.	Ammonical Nitrogen	mg/L	22.2	15.6	19.8	12.1	18.6	22.4	50	IS 3025(Part 34):1988,
12.	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
13.	Copper as Cu	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	3	IS 3025(Part 42):1992
14.	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)	0.1	APHA 24th Ed.2023,3111-B



Multifield, Recog, Environmental Laboratory under The EPA, 1986 (03.04.3021 to 29.03.2028)

NAM PROVIDE AVERSIDED Accordinal Ten/ting Laboratory (TC-13.345) (33.03.30378 to 33.09.2024)

CET-MART ACCORDED DA & DW Consultant Organization

UPCB Recognized Environmental Autitor (Luh-II) Certified Company CHI, Management System

INCOMENTATION INCOMENTATION IN CONTINUES.

SR.NO.	TEST PARAMETERS	UNIT	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	GPCB	TEST METHOD
			24-10-2024	25-11-2024	25-12-2024	24-01-2025	18-02-2025	06-03-2025		
15.	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)	2	APHA 24th Ed.2023,4500 S <sup>-2</sup> F
16.	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)	2	APHA 24th Ed.2023,3111-B
17.	Fluoride as F	mg/L	1.91	1.28	0.82	0.45	0.37	0.56	2	APHA 24th Ed.2023,4500 F, D
18.	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)	0.5 Min.	APHA 24th Ed.2023,4500-Cl-G
19.	Percent Sodium	%	47.64	47.49	46.15	46.86	46.05	47.13	60	By Calculation
20.	Sodium Absorption ratio		3.20	3.2	3.3	3.4	3.1	2.9	26	By Calculation

Perel

Mr. Nilesh Patel Sr. Chemist



Mr. Nitin Tandel **Technical Manager** 



Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAME (1997)/101 (1992) - 201075 According Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

DEP MARET ACCORDING DA & DW Consultant Organisation

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INFOR Recognized

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INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autiliar (July II) Certified Company OHS Management System

Results of Ambient Air Quality Monitoring												
Name	e of Location	CT3 RMU-2										
	Data of	Parameter with Results										
Sr. No.	Monitoring	ΡΜ <sub>10</sub> μg/m <sup>3</sup>	ΡΜ <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ µg/m³	NO₂ µg/m³	CO mg/m <sup>3</sup>	ΗC μg/m³	Benzene μg/m <sup>3</sup>				
1.	03-10-2024	73.58	29.12	23.37	26.41	1.06		NOT DETECTED				
2.	07-10-2024	77.65	30.21	24.73	27.14	1.08	4.64	NOT DETECTED				
3.	10-10-2024	80.42	31.46	25.08	29.14	1.05	4.59	NOT DETECTED				
4.	14-10-2024	83.48	34.81	25.79	30.11	1.09	4.68	NOT DETECTED				
5.	17-10-2024	85.13	35.5	26	30.84	1.12	4.74	NOT DETECTED				
6.	21-10-2024	81.32	33.98	25.63	29.37	1.16	4.81	NOT DETECTED				
7.	24-10-2024	76.59	30.43	23.25	27.51	1.13	4.72	NOT DETECTED				
8.	28-10-2024	78.65	31.52	24.36	28.49	1.1	4.86	NOT DETECTED				
9.	31-10-2024	81.26	33.54	25.31	29.16	1.11	4.76	NOT DETECTED				
10.	04-11-2024	80.73	32.15	25.53	29.37	1.08	4.71	NOT DETECTED				
11.	07-11-2024	83.15	34.82	26.48	30.52	1.14	4.86	NOT DETECTED				
12.	11-11-2024	79.74	31.93	24.78	28.64	1.11	4.78	NOT DETECTED				
13.	14-11-2024	82.37	33.25	25.57	29.48	1.13	4.84	NOT DETECTED				
14.	18-11-2024	84.59	36.74	27.15	31.28	1.19	4.91	NOT DETECTED				
15.	21-11-2024	81.36	34.89	26.43	30.86	1.15	4.85	NOT DETECTED				



Multifield, Recog, Environmental Laboratory under The EPA, 1986 (03.04.3021 to 29.03.2028) \_

NAMA (1993)/1010 & 701275 - 2010/75 Accountered Tenlong Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

DEP MARET ACCORDING DA & DW Consultant Organization

UPCS Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autiliar (Sch-II) Certified Company CHE Management System

Name of Location		CT3 RMU-2										
	Date of	Parameter with Results										
Sr. No.	Monitoring	PM <sub>10</sub> μg/m <sup>3</sup>	ΡΜ <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ μg/m³	NO₂ μg/m³	CO mg/m <sup>3</sup>	HC µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>				
16.	25-11-2024	83.48	35.71	28.16	32.12	1.17	4.78	NOT DETECTED				
17.	28-11-2024	80.94	33.47	25.29	29.64	1.14	4.82	NOT DETECTED				
18.	02-12-2024	82.18	35.42	27.37	31.84	1.13	4.85	NOT DETECTED				
19.	05-12-2024	79.64	34.12	26.31	29.97	1.10	4.73	NOT DETECTED				
20.	09-12-2024	76.38	32.85	23.97	28.53	1.07	4.61	NOT DETECTED				
21.	12-12-2024	78.16	35.25	24.37	29.13	1.1	4.7	NOT DETECTED				
22.	16-12-2024	81.36	36.61	26.78	31.53	1.12	4.75	NOT DETECTED				
23.	19-12-2024	84.63	38.05	29.1	34.09	1.16	4.88	NOT DETECTED				
24.	23-12-2024	82.49	35.64	27.48	32.26	1.13	4.82	NOT DETECTED				
25.	26-12-2024	77.64	32.36	25.84	30.11	1.11	4.75	NOT DETECTED				
26.	30-12-2024	80.83	34.28	28.17	32.74	1.14	4.81	NOT DETECTED				
27.	02-01-2025	79.85	34.71	26.69	30.84	1.12		NOT DETECTED				
28.	06-01-2025	81.53	35.94	28.63	33.18	1.15	4.92	NOT DETECTED				
29.	09-01-2025	84.69	38.47	31.6	36.47	1.18	5.18	NOT DETECTED				
30.	13-01-2025	79.53	35.13	28.26	33.52	1.13	4.86	NOT DETECTED				
31.	16-01-2025	83.8	40.38	30.79	35.48	1.16	4.98	NOT DETECTED				



Multifield, Recog, Environmental Laboratory under The EPA, 1986 (03.04.3021 to 29.03.2028)

NAM UNDARC ETRES 20125 According Tenlong Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

DEP MARET ACCORDING DA & DW Consultant Organization

UPCS Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autiliar (Sch-II) Certified Company CHE Management System

Name of Location		CT3 RMU-2										
	Date of	Parameter with Results										
Sr. No.	Monitoring	PM <sub>10</sub> μg/m <sup>3</sup>	ΡΜ <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ µg/m³	NO₂ µg/m³	CO mg/m <sup>3</sup>	HC µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>				
32.	20-01-2025	78.98	36.62	26.35	31.63	1.15	4.8	NOT DETECTED				
33.	23-01-2025	83.47	39.89	30.27	35.72	1.18	4.85	NOT DETECTED				
34.	27-01-2025	81.53	37.25	27.74	32.35	1.17	4.73	NOT DETECTED				
35.	30-01-2025	84.79	40.91	31.16	36.75	1.21	4.93	NOT DETECTED				
36.	03-02-2025	83.26	38.13	29.57	33.91	1.16	4.84	NOT DETECTED				
37.	06-02-2025	79.75	34.42	26.37	30.46	1.13	4.71	NOT DETECTED				
38.	10-02-2025	81.64	36.19	27.35	32.12	1.14	4.77	NOT DETECTED				
39.	13-02-2025	84.15	38.91	30.15	34.68	1.18	4.89	NOT DETECTED				
40.	17-02-2025	80.81	35.47	26.89	30.52	1.15	4.68	NOT DETECTED				
41.	20-02-2025	82.38	37.25	28.64	31.83	1.17	4.74	NOT DETECTED				
42.	24-02-2025	84.58	39.32	30.74	34.2	1.13	4.93	NOT DETECTED				
43.	27-02-2025	80.42	36.1	27.42	31.64	1.15	4.82	NOT DETECTED				
44.	03-03-2024	81.29	39.12	31.62	35.27	1.15	4.87	NOT DETECTED				
45.	06-03-2024	77.94	36.37	27.98	31.75	1.12	4.75	NOT DETECTED				
46.	10-03-2024	79.42	37.48	28.74	32.36	1.14	4.82	NOT DETECTED				
47.	13-03-2024	82.38	39.71	33.24	37.1	1.17	4.91	NOT DETECTED				



Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM UNDARC LYNES 20179 Accordinal Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

CET-MART ACCORDED DAY & DW Consultant Organization

13/CB Receptored (SO 900.3, 301.5 DOI: 450.03.1 (0.14.50.0

Name of Location		CT3 RMU-2								
Sr. No.	Date of Monitoring	Parameter with Results								
		ΡM <sub>10</sub> μg/m <sup>3</sup>	ΡΜ <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ µg/m³	NO₂ µg/m³	CO mg/m <sup>3</sup>	HC µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>		
48.	17-03-2024	76.59	33.94	28.13	33.42	1.15	4.8	NOT DETECTED		
49.	20-03-2024	81.24	35.58	31.79	36.21	1.16	4.86	NOT DETECTED		
50.	24-03-2024	83.49	38.11	33.78	37.01	1.19	4.96	NOT DETECTED		
51.	27-03-2024	78.91	34.78	29.19	33.37	1.15	4.84	NOT DETECTED		
52.	31-03-2024	82.35	36.27	32.46	36.95	1.17	4.88	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		

R. D. Gohrt

Rajnish D. Gohil (Chemist)



Jaivik S. Tandel (Manager - Operations)


Plot No.342 Wilcard Basimus Park. NET NO.48. GLDC., Vept-356395 Dist-Makant Hisganat), Invalia Phone + 91 260 2483986/2825610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAME (1997)/101 (1992) - 201075 According Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

CET-MART ACCORDED DA & DW Consultant Organisation

UPCS Recognized Environmental Autitor (Ich-II) Certified Company

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	Kesuits of Ambient Air Quality Wonitoring											
Name	e of Location	Near Fire Stati	on									
	Date of	Parameter with Results										
Sr. No.	Monitoring	PM <sub>10</sub> ug/m <sup>3</sup>	PM <sub>2.5</sub> ug/m <sup>3</sup>	SO <sub>2</sub> ug/m <sup>3</sup>	NO <sub>2</sub> ug/m <sup>3</sup>	CO mg/m <sup>3</sup>	HC ug/m <sup>3</sup>	Benzene				
1.	03-10-2024	65.38	22.47	18.29	22.73	0.58		NOT DETECTED				
2.	07-10-2024	69.46	23.83	19.66	24.15	0.62	2.69	NOT DETECTED				
3.	10-10-2024	67.42	22.31	18.63	22.53	0.59	2.76	NOT DETECTED				
4.	14-10-2024	75.38	24.59	21.37	25.48	0.67	2.83	NOT DETECTED				
5.	17-10-2024	72.39	23.64	19.47	23.26	0.62	2.75	NOT DETECTED				
6.	21-10-2024	77.52	25.47	22.04	26.53	0.7	2.93	NOT DETECTED				
7.	24-10-2024	70.15	23.91	19.11	23.41	0.64	2.78	NOT DETECTED				
8.	28-10-2024	73.27	24.68	20.73	24.6	0.66	2.82	NOT DETECTED				
9.	31-10-2024	76.42	26.53	21.91	25.73	0.69	2.94	NOT DETECTED				
10.	04-11-2024	73.26	24.41	20.15	25.32	0.65	2.87	NOT DETECTED				
11.	07-11-2024	76.13	25.32	21.73	27.49	0.71	2.96	NOT DETECTED				
12.	11-11-2024	74.39	24.68	20.39	25.11	0.67	2.84	NOT DETECTED				
13.	14-11-2024	70.84	23.14	19.83	23.94	0.61	2.76	NOT DETECTED				
14.	18-11-2024	73.46	24.17	21.26	25.74	0.64	2.81	NOT DETECTED				
15.	21-11-2024	76.18	25.74	23.06	27.34	0.73	2.93	NOT DETECTED				



Plot No.342 Wilcard Basimus Park. NPI NO.48. GLDC., Vep1-316 295 Dist-Makant Hisganat), Invalia Phone + 91 260 2483966/2425610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAMA (1993)/1010 & 701275 - 2010/75 Accountered Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

CET-MARKET ACCOMPANY ELA & GW Consultant Organisation

UPCS Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autitor (Loh-II) Certified Company CHIL Management System

Nam	e of Location	Near Fire Stati	on									
	Data of		Parameter with Results									
Sr. No.	Monitoring	ΡΜ <sub>10</sub> μg/m <sup>3</sup>	ΡΜ <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ µg/m³	NO₂ µg/m³	CO mg/m <sup>3</sup>	HC µg/m³	Benzene μg/m <sup>3</sup>				
16.	25-11-2024	74.38	24.1	22.75	26.15	0.7	2.86	NOT DETECTED				
17.	28-11-2024	71.64	23.53	21.37	24.83	0.66	2.82	NOT DETECTED				
18.	02-12-2024	75.62	23.47	21.28	25.72	0.7	2.88	NOT DETECTED				
19.	05-12-2024	71.28	22.84	20.18	24.11	0.64	2.8	NOT DETECTED				
20.	09-12-2024	73.49	23.37	20.72	25.05	0.67	2.83	NOT DETECTED				
21.	12-12-2024	78.51	26.36	23.53	27.25	0.72	2.9	NOT DETECTED				
22.	16-12-2024	75.24	25.63	22.81	26.42	0.68	2.96	NOT DETECTED				
23.	19-12-2024	80.13	27.16	24.31	28.47	0.76	2.91	NOT DETECTED				
24.	23-12-2024	77.4	26.08	23.64	27.58	0.71	2.83	NOT DETECTED				
25.	26-12-2024	74.38	24.25	21.92	25.31	0.66	2.78	NOT DETECTED				
26.	30-12-2024	76.91	27.29	23.35	27.44	0.69	2.81	NOT DETECTED				
27.	02-01-2025	79.41	28.32	23.75	26.82	0.72		NOT DETECTED				
28.	06-01-2025	82.38	29.74	25.48	29.79	0.77	2.94	NOT DETECTED				
29.	09-01-2025	84.38	31.05	26.81	30.63	0.7	3.15	NOT DETECTED				
30.	13-01-2025	76.87	27.53	23.14	27.36	0.76	2.87	NOT DETECTED				
31.	16-01-2025	73.29	25.48	22.85	25.98	0.81	2.81	NOT DETECTED				



Plot No.342 Wilcard Basimus Park. NPI NO.48. GLDC., Vep1-316 295 Dist-Makant Hisganat), Invalia Phone + 91 260 2483966/2425610 Email: response@uerLin Website : www.uerLin

Multifield, Recog, Environmental Laboratory under The EPA, 1986 (03.04.3021 to 29.03.2028)

NAM UNDARC ETRES 20125 According Tenlong Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

CET-MART ACCORDED DA & DW Consultant Organisation

UPCS Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autiliar (Sch-II) Certified Company CHE Management System

Name	e of Location	Near Fire Stati	on					
	Date of			Ра	rameter with Re	esults		
Sr. No.	Monitoring	ΡM <sub>10</sub> μg/m <sup>3</sup>	ΡΜ <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ μg/m³	NO₂ µg/m³	CO mg/m <sup>3</sup>	HC µg/m <sup>3</sup>	Benzene μg/m <sup>3</sup>
32.	20-01-2025	78.52	28.18	23.79	27.25	0.79	2.92	NOT DETECTED
33.	23-01-2025	81.36	30.67	26.35	30.52	0.85	3.05	NOT DETECTED
34.	27-01-2025	76.46	27.53	24.16	28.27	0.82	2.9	NOT DETECTED
35.	30-01-2025	74.94	25.58	23.47	26.59	0.78	2.83	NOT DETECTED
36.	03-02-2025	75.18	29.32	24.27	28.46	0.75	2.87	NOT DETECTED
37.	06-02-2025	78.91	30.75	25.81	29.17	0.81	2.94	NOT DETECTED
38.	10-02-2025	73.48	26.59	24.75	28.46	0.71	2.81	NOT DETECTED
39.	13-02-2025	76.64	28.25	25.14	29.15	0.77	2.86	NOT DETECTED
40.	17-02-2025	82.38	31.72	28.64	32.07	0.83	2.95	NOT DETECTED
41.	20-02-2025	72.39	26.48	24.56	28.28	0.76	2.84	NOT DETECTED
42.	24-02-2025	76.81	27.98	27.81	31.19	0.8	2.9	NOT DETECTED
43.	27-02-2025	81.26	30.86	28.42	32.15	0.85	2.93	NOT DETECTED
44.	03-03-2024	78.63	27.54	25.13	30.42	0.73	2.83	NOT DETECTED
45.	06-03-2024	80.13	29.71	28.19	32.62	0.79	2.91	NOT DETECTED
46.	10-03-2024	82.3	31.54	29.05	33.91	0.85	2.96	NOT DETECTED
47.	13-03-2024	79.71	28.32	26.83	31.31	0.77	2.81	NOT DETECTED



Plot No.342 Wilcard Basimus Park. NET NO.48. GLDC., Vept-356395 Dist-Makant Hisganat), Invalia Phone + 91 260 2483986/2825610 Email: response@uerLin Website : www.uerLin

Multifield, Becog Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM UNDARC EXCENTION ACCOUNTS Tealing Laboratory (TC-L1.M1) (33.01.3031 to 33.09.2024)

CET-MARKET ACCORDING DAY & DW Consultant Organisation

UPCB Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autitor (Luh-II) Certified Company CHI, Management System

Name	e of Location	Near Fire Stati	on						
	Date of	Parameter with Results							
Sr. No.	Monitoring	ΡM <sub>10</sub> μg/m <sup>3</sup>	ΡΜ <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ µg/m³	NO₂ µg/m³	CO mg/m <sup>3</sup>	HC µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>	
48.	17-03-2024	75.48	27.19	25.61	29.18	0.72	2.85	NOT DETECTED	
49.	20-03-2024	81.32	30.04	27.13	32.42	0.81	2.92	NOT DETECTED	
50.	24-03-2024	74.88	28.64	25.86	30.23	0.78	2.79	NOT DETECTED	
51.	27-03-2024	72.96	27.41	24.99	28.35	0.73	2.76	NOT DETECTED	
52.	31-03-2024	76.59	28.68	26.36	30.21	0.8	2.84	NOT DETECTED	
Permissi N	ble Value as per IAAQMS	100.0	60.0	80.0	80.0	2.0		5.0	
Te	st 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	

R. Q. Gohit

Rajnish D. Gohil (Chemist)



Jaivik S. Tandel (Manager - Operations)



Plot No.342 Wilcard Basimus Park. NPI NO.48. GLDC., Vep1-316 295 Dist-Makant Hisganat), Invalia Phone + 91 260 2483986/2825610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAME (1997)/101 (1992) - 201075 According Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

CET-MART ACCORDED DA & DW Consultant Organisation

UPCS Recognized Eventsential Auditor (Loh-II) Certified Company OHS Management System

INCOMENTATION INCOMENTATION IN CONTINUES.

	Kesuits of Ambient Air Quality Wonitoring										
Name	e of Location	ADANI PORT -	TUG Berth 600	KL Pupm House							
	Date of	Parameter with Results									
Sr. No.	Monitoring	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	СО	НС	Benzene			
		μg/m³	μg/m³	µg/m³	μg/m³	mg/m <sup>3</sup>	μg/m³	µg/m³			
1.	03-10-2024	70.81	26.95	21.79	24.69	0.73		NOT DETECTED			
2.	07-10-2024	72.26	27.85	22.13	25.42	0.77	3.71	NOT DETECTED			
3.	10-10-2024	75.14	28.74	23.62	26.47	0.82	3.75	NOT DETECTED			
4.	14-10-2024	81.27	31.73	25.86	28.42	0.85	3.82	NOT DETECTED			
5.	17-10-2024	77.46	29.94	25.39	29.63	0.79	3.74	NOT DETECTED			
6.	21-10-2024	75.81	28.42	23.16	26.42	0.74	3.77	NOT DETECTED			
7.	24-10-2024	79.73	30.58	24.49	27.68	0.81	3.85	NOT DETECTED			
8.	28-10-2024	84.3	32.68	25.96	29.51	0.84	3.88	NOT DETECTED			
9.	31-10-2024	80.53	30.62	24.73	27.32	0.81	3.82	NOT DETECTED			
10.	04-11-2024	78.63	29.54	23.37	27.13	0.83	3.81	NOT DETECTED			
11.	07-11-2024	80.38	30.47	24.84	28.42	0.87	3.93	NOT DETECTED			
12.	11-11-2024	82.16	32.47	26.13	30.64	0.92	3.98	NOT DETECTED			
13.	14-11-2024	78.37	29.18	23.15	27.55	0.81	3.86	NOT DETECTED			
14.	18-11-2024	80.48	30.72	24.95	28.14	0.85	3.92	NOT DETECTED			
15.	21-11-2024	83.26	33.14	26.31	30.18	0.89	4.12	NOT DETECTED			



Plot No.342 Wilcard Basimus Park. NPI NO.48. GLDC., Vep1-316 295 Dist-Makant Hisganat), Invalia Phone + 91 260 2483966/2425610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAMA (1993)/1010 & 701275 - 2010/75 Accountered Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

DEP MARET ACCORDING DA & DW Consultant Organisation

ILPC B Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autiliar (Sch-II) Certified Company CHE Management System

Nam	e of Location	ADANI PORT –	TUG Berth 600	KL Pupm House				
	Data of			Ра	rameter with Re	esults		
Sr. No.	Monitoring	ΡΜ <sub>10</sub> μg/m <sup>3</sup>	ΡΜ <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ μg/m³	NO₂ µg/m³	CO mg/m <sup>3</sup>	HC µg/m³	Benzene µg/m <sup>3</sup>
16.	25-11-2024	81.64	32.19	24.37	28.53	0.84	4.03	NOT DETECTED
17.	28-11-2024	79.19	30.63	23.59	27.34	0.82	3.89	NOT DETECTED
18.	02-12-2024	80.45	32.18	24.52	29.41	0.83	3.96	NOT DETECTED
19.	05-12-2024	83.47	35.46	26.93	30.79	0.9	3.97	NOT DETECTED
20.	09-12-2024	81.36	31.93	25.37	30.13	0.85	3.9	NOT DETECTED
21.	12-12-2024	79.55	30.48	23.73	28.15	0.77	3.86	NOT DETECTED
22.	16-12-2024	78.38	29.53	22.98	27.46	0.75	3.76	NOT DETECTED
23.	19-12-2024	83.46	34.8	27.35	32.07	0.86	3.81	NOT DETECTED
24.	23-12-2024	79.91	31.49	25.35	30.72	0.78	3.74	NOT DETECTED
25.	26-12-2024	81.81	33.54	26.28	31.17	0.8	3.79	NOT DETECTED
26.	30-12-2024	83.25	35.74	27.1	32.59	0.87	3.87	NOT DETECTED
27.	02-01-2025	82.63	36.27	27.84	32.13	0.9		NOT DETECTED
28.	06-01-2025	76.94	32.15	24.98	29.64	0.81	3.78	NOT DETECTED
29.	09-01-2025	79.83	34.74	26.39	31.46	0.86	3.83	NOT DETECTED
30.	13-01-2025	82.62	37.15	29.73	33.28	0.89	3.91	NOT DETECTED
31.	16-01-2025	84.59	38.35	30.18	34.62	0.93	4.08	NOT DETECTED



Plot No.342 Wilcard Basimus Park. NPI NO.48. GLDC., Vep1-316 295 Dist-Makant Hisganat), Invalia Phone + 91 260 2483966/2425610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAMA (1993)/1010 & 701275 - 2010/75 Accountered Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

CET-MARKET ACCOMPANY ELA & GW Consultant Organisation

UPCS Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autitor (Loh-II) Certified Company CHIL Management System

Name	e of Location	ADANI PORT -	TUG Berth 600	KL Pupm House				
	Data of			Ра	rameter with Re	esults		
Sr. No.	Monitoring	ΡΜ <sub>10</sub> μg/m <sup>3</sup>	ΡΜ <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ µg/m³	NO₂ µg/m³	CO mg/m <sup>3</sup>	ΗC µg/m <sup>3</sup>	Benzene μg/m <sup>3</sup>
32.	20-01-2025	80.83	36.46	28.35	33.14	0.84	3.96	NOT DETECTED
33.	23-01-2025	78.42	33.64	26.42	31.26	0.79	3.82	NOT DETECTED
34.	27-01-2025	76.84	32.69	25.94	30.52	0.77	3.75	NOT DETECTED
35.	30-01-2025	80.73	35.47	28.31	33.53	0.85	3.81	NOT DETECTED
36.	03-02-2025	78.51	34.13	28.63	33.26	0.8	3.71	NOT DETECTED
37.	06-02-2025	82.37	37.74	30.49	35.83	0.84	3.83	NOT DETECTED
38.	10-02-2025	72.82	32.74	26.85	31.56	0.75	3.67	NOT DETECTED
39.	13-02-2025	75.48	34.16	26.98	31.72	0.78	3.73	NOT DETECTED
40.	17-02-2025	81.29	36.93	29.91	34.12	0.83	3.85	NOT DETECTED
41.	20-02-2025	84.13	38.36	31.53	36.42	0.87	3.94	NOT DETECTED
42.	24-02-2025	75.49	34.78	26.64	31.72	0.77	3.78	NOT DETECTED
43.	27-02-2025	79.85	36.62	29.14	34.88	0.82	3.72	NOT DETECTED
44.	03-03-2024	83.16	37.62	30.85	34.17	0.88	3.82	NOT DETECTED
45.	06-03-2024	81.39	36.15	27.53	31.46	0.80	3.77	NOT DETECTED
46.	10-03-2024	75.49	33.96	26.13	30.79	0.76	3.7	NOT DETECTED
47.	13-03-2024	78.41	34.57	27.98	32.13	0.82	3.74	NOT DETECTED



Plot No.342 Wilcard Basimus Park. NET NO.48. GLDC., Vept-356395 Dist-Makant Hisganat), Invalia Phone + 91 260 2483966/2425610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM UNDARC EXCENTION ACCOUNTS Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

CET-MART ACCORDED DAY & DW Consultant Organization

INFOR Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autiliar (Ich-II) Certified Company CHE Management System

Name	e of Location	ADANI PORT -	ADANI PORT – TUG Berth 600 KL Pupm House							
	Date of	Parameter with Results								
Sr. No.	Monitoring	ΡΜ <sub>10</sub> μg/m <sup>3</sup>	ΡΜ <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ μg/m³	NO₂ µg/m³	CO mg/m <sup>3</sup>	HC µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>		
48.	17-03-2024	82.37	35.14	29.75	34.24	0.86	3.8	NOT DETECTED		
49.	20-03-2024	85.36	39.11	31.45	36.27	0.91	3.86	NOT DETECTED		
50.	24-03-2024	80.71	36.54	27.53	32.47	0.84	3.78	NOT DETECTED		
51.	27-03-2024	83.47	37.17	30.35	34.18	0.89	3.83	NOT DETECTED		
52.	31-03-2024	79.91	35.27	28.31	32.54	0.78	3.8	NOT DETECTED		
Permissi N	ble Value as per IAAQMS	100.0	60.0	80.0	80.0	2.0		5.0		
Tes	st 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		

R. Q. Gohrt

Rajnish D. Gohil (Chemist)



Jaivik S. Tandel (Manager - Operations)



Plot No.342 Wilcard Basimus Park. NET NO.48. GLDC., Vept-356395 Dist-Makant Hisganat), Invalia Phone + 91 260 2483966/2425610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM UNDARC & PRES-201275 According Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

CET-MART ACCORDED DA & DW Consultant Organization

INFOR Recognized Environmental Autitor (Ich-II) Certified Company

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	Results of Ambient Air Quality Monitoring										
Name	e of Location	PUB / Adani H	ouse								
	Date of			Ра	rameter with Re	esults					
Sr. No.	Monitoring	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	СО	нс	Benzene			
	U	µg/m³	μg/m³	µg/m³	µg/m³	mg/m <sup>3</sup>	μg/m³	μg/m³			
1.	03-10-2024	56.80	22.15	15.77	18.46	0.52		NOT DETECTED			
2.	07-10-2024	58.63	22.72	16.38	19.62	0.56	1.73	NOT DETECTED			
3.	10-10-2024	62.42	23.19	17.42	20.38	0.59	1.77	NOT DETECTED			
4.	14-10-2024	59.74	22.52	16.46	19.31	0.53	1.70	NOT DETECTED			
5.	17-10-2024	63.27	24.36	17.71	20.88	0.55	1.82	NOT DETECTED			
6.	21-10-2024	66.84	26.31	18.25	22.10	0.61	1.88	NOT DETECTED			
7.	24-10-2024	68.61	26.77	18.69	22.36	0.63	1.94	NOT DETECTED			
8.	28-10-2024	63.28	25.11	16.52	19.83	0.57	1.85	NOT DETECTED			
9.	31-10-2024	66.17	26.32	17.39	20.42	0.60	1.97	NOT DETECTED			
10.	04-11-2024	64.18	24.84	15.93	19.31	0.61	1.93	NOT DETECTED			
11.	07-11-2024	67.27	26.18	17.26	20.64	0.64	2.18	NOT DETECTED			
12.	11-11-2024	69.81	28.26	18.15	22.37	0.70	2.31	NOT DETECTED			
13.	14-11-2024	65.48	27.62	17.13	21.53	0.67	2.15	NOT DETECTED			
14.	18-11-2024	63.21	24.92	16.83	20.42	0.64	2.06	NOT DETECTED			
15.	21-11-2024	66.38	25.46	17.53	21.72	0.68	2.14	NOT DETECTED			



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Plot No.342 Wilcard Basimus Park. NPI NO.48. GLDC., Vep1-316 295 Dist-Makant Hisganat), Invalia Phone + 91 260 2483966/2425610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAMA (1993)/1010 & 701275 - 2010/75 Accountered Tenlong Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

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DEP MARET ACCORDING DA & DW Consultant Organisation

ILPC B Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autiliar (Sch-II) Certified Company CHE Management System

Name	e of Location	PUB / Adani H	ouse					
	Data of			Pa	arameter with R	esults		
Sr. No.	Monitoring	ΡM <sub>10</sub> μg/m <sup>3</sup>	ΡΜ <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ μg/m³	NO₂ µg/m³	CO mg/m <sup>3</sup>	HC µg/m³	Benzene μg/m <sup>3</sup>
16.	25-11-2024	63.40	24.84	16.46	20.34	0.60	2.03	NOT DETECTED
17.	28-11-2024	65.37	25.19	17.11	20.75	0.66	2.10	NOT DETECTED
18.	02-12-2024	67.14	26.53	16.32	20.17	0.64	2.06	NOT DETECTED
19.	05-12-2024	70.37	28.84	17.78	21.43	0.68	2.19	NOT DETECTED
20.	09-12-2024	72.62	29.91	18.24	22.48	0.71	2.31	NOT DETECTED
21.	12-12-2024	67.36	26.84	16.60	20.51	0.67	2.27	NOT DETECTED
22.	16-12-2024	70.41	28.47	17.49	21.37	0.69	2.34	NOT DETECTED
23.	19-12-2024	73.39	28.72	18.83	22.55	0.73	2.37	NOT DETECTED
24.	23-12-2024	65.45	25.84	15.91	19.32	0.66	2.26	NOT DETECTED
25.	26-12-2024	68.42	26.38	17.24	21.84	0.70	2.30	NOT DETECTED
26.	30-12-2024	66.18	25.97	16.59	20.45	0.67	2.23	NOT DETECTED
27.	02-01-2025	70.52	25.92	18.13	23.35	0.68		NOT DETECTED
28.	06-01-2025	66.58	27.51	17.52	21.89	0.65	2.46	NOT DETECTED
29.	09-01-2025	64.48	24.61	16.94	21.13	0.63	2.31	NOT DETECTED
30.	13-01-2025	68.26	26.81	17.59	22.64	0.68	2.58	NOT DETECTED
31.	16-01-2025	71.53	27.14	18.53	23.28	0.72	2.62	NOT DETECTED



Plot No.342 Wilcard Basimus Park. NPI NO.48. GLDC., Vep1-316 295 Dist-Makant Hisganat), Invalia Phone + 91 260 2483966/2425610 Email: response@uerLin Website : www.uerLin

Multifield, Recog, Environmental Laboratory under The EPA, 1986 (03.04.3021 to 29.03.2028)

NAM UNDARC ETRES 20125 According Ten/ting Laboratory (TC-13.345) (33.03.30378 to 33.09.2024)

CET-MART ACCORDED DA & DW Consultant Organisation

UPCS Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Riveronmental Autitor (Loh-II) Certified Company OHI, Management System

Name	e of Location	PUB / Adani House								
	Date of			Ра	rameter with Re	esults				
Sr. No.	Monitoring	ΡM <sub>10</sub> μg/m <sup>3</sup>	PM₂.₅ μg/m³	SO₂ μg/m³	NO₂ µg/m³	CO mg/m <sup>3</sup>	HC µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>		
32.	20-01-2025	75.49	29.42	19.39	25.03	0.76	2.68	NOT DETECTED		
33.	23-01-2025	73.49	28.10	18.53	23.74	0.73	2.6	NOT DETECTED		
34.	27-01-2025	68.58	26.35	16.84	21.53	0.68	2.48	NOT DETECTED		
35.	30-01-2025	71.24	27.51	17.46	23.58	0.72	2.54	NOT DETECTED		
36.	03-02-2025	72.71	26.18	17.65	22.11	0.65	2.52	NOT DETECTED		
37.	06-02-2025	76.42	28.53	19.42	24.35	0.68	2.57	NOT DETECTED		
38.	10-02-2025	78.64	29.35	19.97	25.17	0.70	2.64	NOT DETECTED		
39.	13-02-2025	69.53	25.93	17.11	22.64	0.63	2.55	NOT DETECTED		
40.	17-02-2025	66.81	24.76	16.99	22.19	0.62	2.49	NOT DETECTED		
41.	20-02-2025	70.61	26.53	17.84	23.15	0.66	2.57	NOT DETECTED		
42.	24-02-2025	74.58	28.46	19.54	24.63	0.72	2.65	NOT DETECTED		
43.	27-02-2025	68.75	25.11	16.79	21.36	0.68	2.59	NOT DETECTED		
44.	03-03-2024	67.53	23.47	15.93	19.72	0.64	2.46	NOT DETECTED		
45.	06-03-2024	70.23	25.74	18.13	22.45	0.66	2.51	NOT DETECTED		
46.	10-03-2024	73.46	27.91	19.20	23.42	0.71	2.48	NOT DETECTED		
47.	13-03-2024	68.63	23.58	16.24	20.63	0.68	2.55	NOT DETECTED		



Plot No.342 Wilcard Basimus Park. NPI NO.48. GLDC., Vep1-316 295 Dist-Makant Hisganat), Invalia Phone + 91 260 2483966/2425610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM UNDARC LYNES 20179 Accordinal Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

CET-MART ACCORDED DAY & DW Consultant Organization

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Name	e of Location	PUB / Adani House									
	Date of		Parameter with Results								
Sr. No.	Monitoring	ΡM <sub>10</sub> μg/m <sup>3</sup>	ΡΜ <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ μg/m³	NO₂ µg/m³	CO mg/m <sup>3</sup>	HC µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>			
48.	17-03-2024	65.48	23.91	15.97	19.63	0.64	2.45	NOT DETECTED			
49.	20-03-2024	70.13	25.85	16.36	20.11	0.72	2.57	NOT DETECTED			
50.	24-03-2024	74.36	27.54	18.69	22.65	0.75	2.6	NOT DETECTED			
51.	27-03-2024	72.91	25.86	17.64	21.91	0.70	2.53	NOT DETECTED			
52.	31-03-2024	76.14	27.88	19.16	23.45	0.74	2.57	NOT DETECTED			
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0		5.0			
Test Method		IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	Gas analyzer	IS – 5182, Part – 11			

R. D. Gohrt

Rajnish D. Gohil (Chemist)



Jaivik S. Tandel (Manager - Operations)



Plot No.342 Wilcard Basimus Park. NET NO.48. GLDC., Vept-356395 Dist-Maliael Hisganat), Invalia Phone + 91 260 2483986/2825610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAME (1997)/101 (1992) - 201075 According Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

CET-MART ACCORDED DA & DW Consultant Organisation

INFOR Recognized Revenuental Auditor (Ich-II) Certified Company

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	Kesuits of Ambient Air Quality Monitoring										
Name	e of Location	CT-4 RMU-2									
	Data of			Ра	rameter with Re	esults					
Sr. No.	Monitoring	PM <sub>10</sub>	PM <sub>2.5</sub>	SO <sub>2</sub>	NO <sub>2</sub>	СО	НС	Benzene			
		µg/m³	μg/m³	μg/m³	μg/m³	mg/m <sup>3</sup>	μg/m³	μg/m³			
1.	03-10-2024	70.41	24.22	17.65	20.97	0.60		NOT DETECTED			
2.	07-10-2024	72.38	24.95	18.06	22.24	0.63	3.68	NOT DETECTED			
3.	10-10-2024	75.48	26.15	19.14	23.51	0.62	3.74	NOT DETECTED			
4.	14-10-2024	78.74	28.45	19.88	23.93	0.67	3.79	NOT DETECTED			
5.	17-10-2024	74.39	26.37	18.54	22.48	0.65	3.72	NOT DETECTED			
6.	21-10-2024	76.59	27.79	19.36	23.41	0.68	3.81	NOT DETECTED			
7.	24-10-2024	81.26	29.19	20.58	24.72	0.72	3.87	NOT DETECTED			
8.	28-10-2024	77.64	28.37	19.93	23.32	0.67	3.80	NOT DETECTED			
9.	31-10-2024	75.24	26.44	18.26	21.57	0.68	3.82	NOT DETECTED			
10.	04-11-2024	76.29	26.83	19.14	23.31	0.69	3.78	NOT DETECTED			
11.	07-11-2024	78.63	27.28	19.93	23.78	0.71	3.83	NOT DETECTED			
12.	11-11-2024	80.64	28.13	20.58	24.63	0.76	3.89	NOT DETECTED			
13.	14-11-2024	84.38	30.62	22.13	26.48	0.82	3.96	NOT DETECTED			
14.	18-11-2024	82.47	29.63	21.15	25.24	0.78	3.91	NOT DETECTED			
15.	21-11-2024	75.47	26.39	19.28	23.74	0.73	3.81	NOT DETECTED			



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Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAMA (1993)/1010 & 701275 - 2010/75 Accountered Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

DEP MARET ACCORDING DA & DW Consultant Organisation

ILPC B Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autiliar (Sch-II) Certified Company CHE Management System

Nam	e of Location	CT-4 RMU-2									
	Data of			Ра	rameter with Re	esults					
Sr. No.	Monitoring	ΡΜ <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ µg/m³	NO₂ µg/m³	CO mg/m <sup>3</sup>	HC µg/m <sup>3</sup>	Benzene μg/m <sup>3</sup>			
16.	25-11-2024	79.75	27.48	20.26	24.35	0.79	3.90	NOT DETECTED			
17.	28-11-2024	76.18	26.91	19.74	23.19	0.71	3.84	NOT DETECTED			
18.	02-12-2024	78.16	27.53	21.87	25.43	0.74	3.81	NOT DETECTED			
19.	05-12-2024	81.35	28.74	22.46	27.11	0.78	3.89	NOT DETECTED			
20.	09-12-2024	83.29	30.61	23.75	27.94	0.84	3.97	NOT DETECTED			
21.	12-12-2024	77.45	27.49	21.36	25.17	0.75	3.82	NOT DETECTED			
22.	16-12-2024	75.47	26.89	20.07	24.58	0.72	3.76	NOT DETECTED			
23.	19-12-2024	78.52	28.69	21.40	25.55	0.76	3.80	NOT DETECTED			
24.	23-12-2024	81.48	31.34	23.63	27.19	0.81	3.85	NOT DETECTED			
25.	26-12-2024	75.37	27.53	19.97	24.48	0.73	3.77	NOT DETECTED			
26.	30-12-2024	77.19	28.32	20.41	26.13	0.77	3.82	NOT DETECTED			
27.	02-01-2025	80.53	31.48	23.61	27.17	0.85		NOT DETECTED			
28.	06-01-2025	76.49	28.53	22.28	25.83	0.77	3.87	NOT DETECTED			
29.	09-01-2025	74.92	27.73	21.69	26.14	0.75	3.76	NOT DETECTED			
30.	13-01-2025	78.59	29.17	23.42	27.26	0.80	3.92	NOT DETECTED			
31.	16-01-2025	81.64	31.75	25.48	29.06	0.84	4.12	NOT DETECTED			



Plot No.342 Wilcard Basimos Park. NPI NO.48. GLDC., Vep1-316 295 Dist-Maliael Hisganat), Invalia Phone + 91 260 2483966/2425610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAMA (1993)/1010 & 701275 - 2010/75 Accountered Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

CET-MARKET ACCOMPANY ELA & GW Consultant Organisation

UPCS Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autitor (Loh-II) Certified Company CHIL Management System

Name	e of Location	CT-4 RMU-2						
	Data of			Ра	rameter with Re	esults		
Sr. No.	Monitoring	ΡM <sub>10</sub> μg/m <sup>3</sup>	ΡΜ <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ μg/m³	NO₂ µg/m³	CO mg/m <sup>3</sup>	HC µg/m <sup>3</sup>	Benzene μg/m <sup>3</sup>
32.	20-01-2025	84.38	33.51	26.30	30.64	0.87	4.18	NOT DETECTED
33.	23-01-2025	79.47	28.64	23.14	27.53	0.78	3.97	NOT DETECTED
34.	27-01-2025	82.37	31.78	24.57	28.49	0.84	4.07	NOT DETECTED
35.	30-01-2025	84.39	32.91	26.37	30.72	0.90	4.16	NOT DETECTED
36.	03-02-2025	83.16	32.75	26.38	31.29	0.91	3.97	NOT DETECTED
37.	06-02-2025	80.73	30.82	23.84	28.61	0.84	3.89	NOT DETECTED
38.	10-02-2025	82.37	31.58	24.14	29.46	0.81	3.84	NOT DETECTED
39.	13-02-2025	77.95	28.64	23.91	27.87	0.79	3.80	NOT DETECTED
40.	17-02-2025	81.38	32.16	25.12	30.45	0.85	3.94	NOT DETECTED
41.	20-02-2025	79.64	30.24	24.86	28.74	0.82	3.84	NOT DETECTED
42.	24-02-2025	84.63	34.85	26.57	31.65	0.90	3.92	NOT DETECTED
43.	27-02-2025	81.05	32.48	25.62	30.18	0.86	3.87	NOT DETECTED
44.	03-03-2024	80.91	30.83	28.13	32.46	0.85	4.13	NOT DETECTED
45.	06-03-2024	84.36	33.57	30.24	34.83	0.94	4.27	NOT DETECTED
46.	10-03-2024	78.37	29.96	28.74	33.15	0.81	4.03	NOT DETECTED
47.	13-03-2024	81.63	30.98	29.64	32.89	0.88	4.15	NOT DETECTED



Plot No.342 Wilcard Basimos Park. NET NO.48. GLDC., Vept-356395 Dist-Maliael Hisganat), Invalia Phone + 91 260 2483986/2825610 Email: response@uerLin Website : www.uerLin

Multifield, Becog Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAME (1997)/101 (1992) - 201075 According Tealing Laboratory (TC-L1.M1) (33.01.3031 to 33.09.2024)

CET-MARKET ACCORDING DAY & DW Consultant Organisation

UPCB Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autitor (Luh-II) Certified Company CHI, Management System

Name	e of Location	CT-4 RMU-2								
	Date of	Parameter with Results								
Sr. No.	Monitoring	ΡΜ <sub>10</sub> μg/m <sup>3</sup>	ΡΜ <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ µg/m³	NO₂ µg/m³	CO mg/m <sup>3</sup>	HC µg/m <sup>3</sup>	Benzene µg/m <sup>3</sup>		
48.	17-03-2024	83.29	34.57	31.51	35.64	0.92	4.23	NOT DETECTED		
49.	20-03-2024	85.91	36.21	34.01	38.46	0.97	4.37	NOT DETECTED		
50.	24-03-2024	81.63	34.79	30.27	34.68	0.84	4.20	NOT DETECTED		
51.	27-03-2024	83.37	36.13	32.41	36.32	0.89	4.12	NOT DETECTED		
52.	31-03-2024	84.89	32.42	33.56	37.54	0.85	4.26	NOT DETECTED		
Permissi N	ble Value as per IAAQMS	100.0 60.0 80.0 80.0				2.0		5.0		
Test Method		IS - 5182, Part- 23	UERL/AIR/	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	Gas analyzer	IS – 5182, Part – 11		

R. D. Gohit

Rajnish D. Gohil (Chemist)



Jaivik S. Tandel (Manager - Operations)



Plot No.342 Wilcard Basimos Park. NPI NO.48. GLDC., Vep1-316 295 Dist-Maliael Hisganat), Invalia Phone + 91 260 2483966/2425610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAMA (1993)/1010 & 701275 - 2010/75 Accountered Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

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INCOMENTATION INCOMENTATION IN CONTINUES.

	Results of Noise Level Monitoring									
Lo	cation Name	CT3 RMU-2								
Sr.	Sampling Date			Noise Level Leq. d	B(A) - Day Time					
No.	and Time	14-10-2024	14-11-2024	12-12-2024	13-01-2025	13-02-2025	13-03-2025			
1	06:00 to 07:00	63.3	63.8	62.5	63.5	61.9	60.8			
2	07:00 to 08:00	65.1	64.3	63.8	62.7	64.7	63.4			
3	08:00 to 09:00	64.3	65.7	65.1	63.7	64.2	65.7			
4	09:00 to 10:00	64.7	65.9	64.3	66.4	64.3	66.3			
5	10:00 to 11:00	65.8	66.7	65.7	67.8	66.7	67.4			
6	11:00 to 12:00	68.5	65.8	67.3	65.6	65.8	66.8			
7	12:00 to 13:00	67.1	68.3	65.4	67.3	67.2	67.3			
8	13:00 to 14:00	68.3	67.5	66.3	65.2	66.4	67.1			
9	14:00 to 15:00	64.2	66.4	64.8	65.8	67.5	66.4			
10	15:00 to 16:00	65.4	64.8	63.6	64.5	66.5	65.7			
11	16:00 to 17:00	68.2	67.5	65.1	64.3	63.4	64.5			
12	17:00 to 18:00	67.4	65.8	64.3	65.8	62.8	65.1			
13	18:00 to 19:00	67.1	66.3	65.4	62.3	64.6	66.3			
14	19:00 to 20:00	65.5	63.2	65.8	63.7	64.1	64.5			
15	20:00 to 21:00	65.4	65.7	63.2	64.1	62.3	63.1			
16	21:00 to 22:00	62.8	63.4	62.4	62.3	61.8	62.3			
Day Time <75 dB (A)										



Plot No.342 Wilcard Basimos Park. NPI NO.48. GLDC., Vep1-316 295 Dist-Maliael Hisganat), Invalia Phone + 91 260 2483986/2425610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM UNDARC LYNES 20179 Accordinal Tealing Laboratory (TC-L1.M1) (33.01.3031 to 33.09.2024)

CET-MARKET ACCORDING DAY & DW Consultant Organisation

UPCB Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Auditor (Sch-II) Certified Company CHI, Management System

Lo	cation Name	CT3 RMU-2								
Sr.	Sampling Date			Noise Level Leq. dl	B(A) – Night Time					
No.	and Time	14-10-2024	14-11-2024	12-12-2024	13-01-2025	13-02-2025	13-03-2025			
1	22:00 to 23:00	63.5	63.2	61.5	60.8	61.3	60.5			
2	23:00 to 24:00	62.4	63.7	62.8	61.4	60.7	62.3			
3	24:00 to 01:00	64.5	65.1	64.3	60.7	61.5	62.7			
4	01:00 to 02:00	63.4	64.8	65.7	62.4	61.8	61.6			
5	02:00 to 03:00	65.4	63.5	64.3	62.8	62.4	63.8			
6	03:00 to 04:00	63.2	64.3	62.3	63.7	63.7	61.5			
7	04:00 to 05:00	62.9	63.4	64.1	61.4	61.3	62.3			
8	05:00 to 06:00	62.5	61.8	62.3	59.8	59.1	59.1			
	Night Time			<70 di	В (А)					

**Test Method** 

IS: 9989 : 1981

Rajnish D. Gohil (Chemist)



Jaivik S. Tandel (Manager - Operations)



Plot No.342 Wilcard Basimos Park. NET NO.48. GLDC., Vept-356395 Dist-Maliael Hisganat), Invalia Phone + 91 260 2483966/2425610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAMA (1993)/1010 & 701275 - 2010/75 Accountered Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

CET-MART ACCORDED DA & DW Consultant Organization

ILPC B Recognized

Environmental Autiliar (Ich-II) Certified Company CHE Management System

INCOMENTATION INCOMENTATION IN CONTINUES.

	Results of Noise Level Monitoring										
La	ocation Name	Near Fire Station									
Sr.	Sampling Date			Noise Level Leq. d	IB(A) - Day Time						
No.	and Time	07-10-2024	07-11-2024	05-12-2024	06-01-2025	06-02-2025	06-03-2025				
1	06:00 to 07:00	62.6	63.2	64.5	62.3	60.5	62.2				
2	07:00 to 08:00	65.4	64.7	63.2	62.9	63.1	62.8				
3	08:00 to 09:00	67.4	65.3	66.4	66.1	62.8	64.5				
4	09:00 to 10:00	64.3	66.6	65.3	65.8	64.5	63.6				
5	10:00 to 11:00	66.3	64.3	64.1	63.4	67.1	66.1				
6	11:00 to 12:00	68.3	67.5	66.3	66.8	64.3	65.6				
7	12:00 to 13:00	68.9	68.1	67.4	65.4	64.8	64.2				
8	13:00 to 14:00	66.7	66.4	65.4	65.1	63.2	65.8				
9	14:00 to 15:00	64.8	65.7	64.8	65.5	64.7	66.4				
10	15:00 to 16:00	66.3	64.8	66.5	66.8	66.4	65.9				
11	16:00 to 17:00	66.3	67.2	65.4	66.3	64.3	65.1				
12	17:00 to 18:00	67.1	66.3	64.3	65.2	63.1	64.3				
13	18:00 to 19:00	65.9	64.3	65.1	65.8	64.3	63.8				
14	19:00 to 20:00	62.8	64.3	62.3	64.2	62.9	63.5				
15	20:00 to 21:00	64.2	64.6	60.7	63.5	65.1	64.2				
16	21:00 to 22:00	62.6	61.8	62.1	63.1	61.3	60.4				
Day Time <75 dB (A)											



Plot No.342 Wilcard Basimos Park. NPI NO.48. GLDC., Vep1-316 295 Dist-Maliael Hisganat), Invalia Phone + 91 260 2483986/2425610 Email: response@uerLin Website : www.uerLin

NAM UNDARC LYNES 20179 Accordinal Tealing Laboratory (TC-L1.M1) (33.01.3031 to 33.09.2024)

CET-MARKET ACCORDING DAY & DW Consultant Organisation

UPCB Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autitor (Loh-II) Certified Company CHIL Management System

Lo	cation Name	Near Fire Station					
Sr.	Sampling Date			Noise Level Leq. dl	B(A) - Night Time		
No.	and Time	07-10-2024	07-11-2024	05-12-2024	06-01-2025	06-02-2025	06-03-2025
1	22:00 to 23:00	63.6	62.5	61.5	62.3	63.5	61.4
2	23:00 to 24:00	61.7	62.7	61.3	64.8	63.1	62.8
3	24:00 to 01:00	63.5	61.4	63.8	62.8	62.8	64.3
4	01:00 to 02:00	62.8	63.7	62.5	63.7	63.4	62.7
5	02:00 to 03:00	64.5	64.3	64.2	62.5	63.7	62.5
6	03:00 to 04:00	63.1	64.7	63.5	62.4	61.8	63.1
7	04:00 to 05:00	60.8	63.1	61.8	60.3	60.5	60.5
8	05:00 to 06:00	61.3	61.6	59.8	61.6	60.3	60.1
Night Time				<70 dl	В (А)		

**Test Method** 

IS: 9989 : 1981

R. D. Gohit

Rajnish D. Gohil (Chemist)



Jaivik S. Tandel (Manager - Operations)



Plot No.342 Wilcard Basimos Park. NET NO.48. GLDC., Vept-356395 Dist-Maliael Hisganat), Invalia Phone + 91 260 2483966/2425610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAMA (1993)/1010 & 701275 - 2010/75 Accountered Ten/trog Lation story (TC-13.345) (33.05.30378 to 33.09.2024)

CET-MART ACCORDED DA & DW Consultant Organisation

ILPC B Recognized Environmental Autiliar (Sch-II) Certified Company CHE Management System

INCOMENTATION INCOMENTATION IN CONTINUES.

	Results of Noise Level Monitoring										
Lo	cation Name	ADANI PORT – TU	G Berth 600 KL Pum	p House							
Sr.	Sampling Date			Noise Level Leq.	dB(A) - Day Time						
No.	and Time	10-10-2024	11-11-2024	09-12-2024	09-01-2025	10-02-2025	10-03-2025				
1	06:00 to 07:00	61.5	61.1	60.8	59.9	57.7	57.3				
2	07:00 to 08:00	63.2	64.5	62.5	60.3	61.4	59.6				
3	08:00 to 09:00	64.8	66.8	63.7	65.1	62.8	60.2				
4	09:00 to 10:00	66.8	65.4	62.5	64.3	65.7	64.5				
5	10:00 to 11:00	68.1	67.3	66.4	65.7	64.3	65.8				
6	11:00 to 12:00	67.3	68.3	65.3	64.2	66.1	64.3				
7	12:00 to 13:00	65.4	65.4	66.3	66.1	64.3	65.7				
8	13:00 to 14:00	67.1	66.7	67.1	67.9	65.8	64.3				
9	14:00 to 15:00	66.2	66.3	65.4	64.3	63.2	65.7				
10	15:00 to 16:00	68.1	67.5	65.7	65.3	64.8	64.2				
11	16:00 to 17:00	64.8	65.7	66.3	65.1	66.1	66.7				
12	17:00 to 18:00	65.3	66.1	65.8	66.7	65.4	63.4				
13	18:00 to 19:00	66.4	65.3	61.7	62.4	63.8	64.9				
14	19:00 to 20:00	64.3	65.8	64.5	65.4	64.7	64.3				
15	20:00 to 21:00	62.5	63.5	62.8	62.9	61.3	60.5				
16	21:00 to 22:00	63.4	63.1	61.7	60.8	58.6	59.2				
	Day Time			<75 d	B (A)						



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Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM UNDARC LYNES 20179 Accordinal Tealing Laboratory (TC-L1.M1) (33.01.3031 to 33.09.2024)

CET-MARKET ACCORDING DAY & DW Consultant Organisation

UPCB Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autitor (Loh-II) Certified Company CHIL Management System

Location Name		ADANI PORT – TUG Berth 600 KL Pump House								
Sr.	Sampling Date			Noise Level Leq.	dB(A) - Night Time					
No.	and Time	10-10-2024	11-11-2024	09-12-2024	09-01-2025	10-02-2025	10-03-2025			
1	22:00 to 23:00	60.1	61.3	62.7	61.4	60.9	58.7			
2	23:00 to 24:00	63.2	63.5	64.3	62.8	61.4	60.4			
3	24:00 to 01:00	62.3	64.5	63.5	63.4	62.4	61.8			
4	01:00 to 02:00	64.7	65.2	63.2	64.5	62.7	63.4			
5	02:00 to 03:00	64.1	63.8	65.1	63.2	64.1	64.1			
6	03:00 to 04:00	62.7	62.6	64.3	65.1	64.3	62.4			
7	04:00 to 05:00	63.4	64.1	63.2	62.3	62.7	61.8			
8	05:00 to 06:00	60.2	62.4	61.6	62.4	61.5	58.7			
	Day Time			<70 (	ЗВ (А)					

**Test Method** 

IS: 9989 : 1981

Rajnish D. Gohil (Chemist)



Jaivik S. Tandel (Manager - Operations)

Regd. Office : 215, Royal Avcade, Near G.I.D.C., Office, Char Rasta, Vapi-396 195, Gujarat. Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat. CIN: U73100GJ2007PTC051463



Plot No.342 Wilcard Basimos Park. NET NO.48. GLDC., Vept-356395 Dist-Maliael Hisganat), Invalia Phone + 91 260 2483966/2425610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAMA (1993)/1010 & 701275 - 2010/75 Accountered Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

DEP MARET ACCORDING DA & DW Consultant Organisation

ILPC B Recognized Environmental Autiliar (Sch-II) Certified Company CHE Management System

INCOMENTATION INCOMENTATION IN CONTINUES.

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



Plot No.342 Wilcard Basimos Park. NET NO.48. GLDC., Vept-356395 Dist-Maliael Hisganat), Invalia Phone + 91 260 2483986/2425610 Email: response@uerLin Website : www.uerLin

MolEPHCC Recog Environmental Laboratory under The EPA, 1388 [03.04.3023 to 29.03.2028]

NAM UNDARC LYNES 20179 Accordinal Tealing Laboratory (TC-L1.M1) (33.01.3031 to 33.09.2024)

CET-MARKET ACCORDING DAY & DW Consultant Organisation

UPCB Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autitor (Loh-II) Certified Company CHIL Management System

Lo	ocation Name	PUB/Adani House								
Sr.	Sampling Date			Noise Level Leq.	dB(A) - Night Time					
No.	and Time	03-10-2024	04-11-2024	02-12-2024	02-01-2025	03-02-2025	03-03-2025			
1	22:00 to 23:00	60.3	60.7	63.2	61.8	61.2	59.8			
2	23:00 to 24:00	62.3	63.4	61.8	61.4	62.7	61.3			
3	24:00 to 01:00	64.3	63.7	62.4	64.3	63.5	61.5			
4	01:00 to 02:00	63.2	64.1	63.7	62.8	64.8	64.2			
5	02:00 to 03:00	62.8	65.4	62.5	63.5	62.3	63.7			
6	03:00 to 04:00	60.4	63.2	64.7	63.2	62.6	61.3			
7	04:00 to 05:00	62.3	62.9	63.1	62.7	61.8	59.7			
8	05:00 to 06:00	60.6	59.7	61.3	60.4	59.5	58.8			
	Day Time		·	<70 (	dB (A)	·				

**Test Method** 

IS: 9989 : 1981

D. Gohi

Rajnish D. Gohil (Chemist)



Jaivik S. Tandel (Manager - Operations)



Plot No.342 Wilcard Basimos Park. NET NO.48. GLDC., Vept-356395 Dist-Maliael Hisganat), Invalia Phone + 91 260 2483966/2425610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAMA (1993)/1010 & 701275 - 2010/75 Accountered Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

DEP MARET ACCORDING DA & DW Consultant Organisation

INFOR Recognized Environmental Autiliar (Sch-II) Certified Company CHE Management System

INCOMENTATION INCOMENTATION IN CONTINUES.

	Results of Noise Level Monitoring										
Lo	cation Name	CT-4 RMU-2	CT-4 RMU-2								
Sr.	Sampling Date	Noise Level Leq. dB	A) - Day Time								
No.	and Time	19-10-2024	26-11-2024	21-12-2024	21-01-2025	22-02-2025					
1	06:00 to 07:00	62.3	62.6	64.1	63.8	63.2					
2	07:00 to 08:00	64.5	61.9	64.3	65.4	66.2					
3	08:00 to 09:00	65.4	63.5	62.8	66.8	64.8					
4	09:00 to 10:00	66.1	64.8	65.6	64.8	65.7					
5	10:00 to 11:00	64.7	67.5	67.8	65.2	67.4					
6	11:00 to 12:00	65.6	67.3	65.4	67.8	67.2					
7	12:00 to 13:00	66.2	68.4	67.5	67.2	65.4					
8	13:00 to 14:00	67.2	64.2	66.9	66.4	65.7					
9	14:00 to 15:00	65.4	65.7	64.3	65.8	63.4					
10	15:00 to 16:00	66.9	68.4	66.9	65.7	65.1					
11	16:00 to 17:00	65.4	66.7	65.2	67.3	66.8					
12	17:00 to 18:00	66.2	64.3	66.4	65.9	66.2					
13	18:00 to 19:00	64.3	65.8	67.8	65.2	63.5					
14	19:00 to 20:00	64.7	62.6	64.3	63.5	64.5					
15	20:00 to 21:00	63.5	65.3	62.8	64.1	63.4					
16	21:00 to 22:00	63.1	62.9	63.1	61.5	62.6					
	Day Time			<75 dB (A)							



Plot No.342 Wilcard Basimos Park. NPI NO.48. GLDC., Vep1-316 295 Dist-Maliael Hisganat), Invalia Phone + 91 260 2483986/2425610 Email: response@uerLin Website : www.uerLin

Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM UNDARC LYNES 20179 Accordinal Tealing Laboratory (TC-L1.M1) (33.01.3031 to 33.09.2024)

CET-MARKET ACCORDING DAY & DW Consultant Organisation

UPCB Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autitor (Loh-II) Certified Company CHIL Management System

Location Name		CT-4 RMU-2							
Sr.	Sampling Date		Noise	e Level Leq. dB(A) - Nigh	it Time				
No.	and Time	19-10-2024	26-11-2024	21-12-2024	21-01-2025	22-02-2025			
1	22:00 to 23:00	62.3	61.9	61.3	62.5	61.8			
2	23:00 to 24:00	63.5	64.2	63.2	62.4	63.6			
3	24:00 to 01:00	66.4	64.8	61.8	63.7	64.7			
4	01:00 to 02:00	64.3	65.1	64.7	62.5	63.2			
5	02:00 to 03:00	65.8	63.8	62.7	64.5	62.8			
6	03:00 to 04:00	64.3	62.7	63.5	63.1	63.5			
7	04:00 to 05:00	62.1	63.4	61.3	60.8	61.5			
8	05:00 to 06:00	61.5	61.5	60.4	61.4	61.1			
	Day Time			<70 dB (A)					

**Test Method** 

IS: 9989 : 1981

Rajnish D. Gohil (Chemist)



Jaivik S. Tandel (Manager - Operations)

Regd. Office : 215, Royal Avcade, Near G.I.D.C., Office, Char Rasta, Vapi-396 195, Gujarat. Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat. CIN: U73100GJ2007PTC051463



Plus No.54, Vilicant Basimos Park, NPI NO.48. GLDC., Vep1-316 295 Dist-Maliael Hisganat), Invalia Phone + 91 260 2483966/2425610 Email: response@uerLin Website : www.uerLin

Multility brong Environmental Laboratory under The EPA, 1988. (03.04.3023 to 29.03.2028)

Oxides of Nitrogen as

Particulate Matter

Sulphur Dioxide as SO<sub>2</sub>

Oxides of Nitrogen as

3

1

2

3

NOx

NOx

NAMA (1993)/1010 & 701275 - 2010/75 Accountered Tentong Laboratory CTC-12,0403 133.01. JOJT IN J.J. 09.20243

CET-MART ACCORDED DA & DW Consultant Organization

UPCB Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autiliar (Loh-II) Certified Company CH1, Management System

			Result	ts of Stack N	lonitoring					
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-24										
1	Particulate Matter	mg/Nm <sup>3</sup>	22.15	21.39	22.17	20.19	150	IS 11255 (Part - 1)		
2	Sulphur Dioxide as SO <sub>2</sub>	ppm	7.81	7.37	8.29	7.61	100	IS 11255 (Part - 2)		
3	Oxides of Nitrogen as NO <sub>x</sub>	ppm	21.12	22.81	20.41	18.85	50	IS 11255 (Part - 7)		
				Nov-24						
1	Particulate Matter	mg/Nm <sup>3</sup>	21.96	20.79	21.84	19.11	150	IS 11255 (Part - 1)		
2	Sulphur Dioxide as SO2	ppm	7.26	6.89	8.15	7.45	100	IS 11255 (Part - 2)		
3	Oxides of Nitrogen as NOX	ppm	20.85	21.74	19.17	18.97	50	IS 11255 (Part - 7)		
	Dec-24									
1	Particulate Matter	mg/Nm <sup>3</sup>	21.28	21.54	22.48	18.86	150	IS 11255 (Part - 1)		
2	Sulphur Dioxide as SO <sub>2</sub>	ppm	7.00	6.73	8.09	7.13	100	IS 11255 (Part - 2)		

Continue...

IS 11255 (Part - 7)

IS 11255 (Part - 1)

IS 11255 (Part - 2)

IS 11255 (Part - 7)

20.96

22.19

6.81

21.07

Jan-25

19.26

21.11

7.95

19.28

19.21

19.10

7.36

19.13

50

150

100

50

19.94

20.85

6.90

18.79

ppm

mg/Nm<sup>3</sup>

ppm

ppm



Phot No.51, Vibrant Basimes Park, NH No.51, ODC, Vapi-316395 Onit-Veloat Hispanet, India Phone + 91 240 2453966/2425610 Email: response@uette: Website: www.cert.in

Laborator (03.04	ry scolar The EPA, 1946. 7 3021 to 29.09.20281	padytic 170ps 2017 eding Laboratory (TC 122.03. 2023 in 22.09	- Lis Metsi 20243	Aphillet Accredited E Consultant Organica	ia a tow to to to	CB Receiption d	Certified Company	Dell Management System		
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-25									
1	Particulate Matter	mg/Nm <sup>3</sup>	21.63	19.83	20.96	19.83	150	IS 11255 (Part - 1)		
2	Sulphur Dioxide as SO <sub>2</sub>	ppm	7.13	6.15	7.64	7.59	100	IS 11255 (Part - 2)		
3	Oxides of Nitrogen as NO <sub>x</sub>	ppm	19.24	20.18	18.95	20.18	50	IS 11255 (Part - 7)		
				Mar-25						
1	Particulate Matter	mg/Nm <sup>3</sup>	21.19	20.23	20.13	19.25	150	IS 11255 (Part - 1)		
2	Sulphur Dioxide as SO <sub>2</sub>	ppm	7.42	6.57	8.11	7.41	100	IS 11255 (Part - 2)		
3	Oxides of Nitrogen as NO <sub>x</sub>	ppm	20.61	21.14	19.39	20.48	50	IS 11255 (Part - 7)		

R. D. Gohil

Rajnish D. Gohil (Chemist)



Jaivik S. Tandel (Manager - Operations)



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Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAMA (1993)/1010 & 701275 - 2010/75 Accountered Ten/trog Lation story (TC-13.345) (33.05.30378 to 33.09.2024)

CET-MARKET ACCOMPANY ELA & GW Consultant Organization

UPCB Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autiliar (Loh-II) Certified Company CH1, Management System

	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)	GPC B	Method of Test		
•				Ma	Mar-25					
			19-03-2025	17-03-2025	17-03-2025	17-03-2025				
1	Particulate Matter	mg/Nm <sup>3</sup>	27.15	19.31	22.53	20.36	150	IS 11255 (Part - 1)		
2	Sulphur Dioxide as SO <sub>2</sub>	ppm	11.32	15.69	16.11	15.72	100	IS 11255 (Part - 2)		
3	Oxides of Nitrogen as NOx	ppm	23.58	27.32	29.63	24.91	50	IS 11255 (Part - 7)		
4	Carbon Monoxide	mg/Nm3	4.19	4.1	3.6	3.5		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	GPC B	Method of Test		
•			Mar-25							
			18-03-2025	18-03-2025	18-03-2025	19-03-2025				
1	Particulate Matter	mg/Nm <sup>3</sup>	23.81	29.14	21.95	25.26	150	IS 11255 (Part - 1)		
2	Sulphur Dioxide as SO <sub>2</sub>	ppm	9.42	10.67	9.65	9.7	100	IS 11255 (Part - 2)		
3	Oxides of Nitrogen as NOx	ppm	21.38	25.3	19.47	31.13	50	IS 11255 (Part - 7)		
4	Carbon Monoxide	mg/Nm3	3.8	4.88	4.2	3.47		UERL/AIR/SOP/18		
5	Non Methyl Hydro Carbon	ppm	Not Detected	Not Detected	Not Detected	Not Detected		UERL/AIR/SOP/27		



Pliot No.51, Vileant Basimus Park, NH Route, Valuet 316 305 Old-Valuet (Superat), India Phone + 91 246 245 994/242510 Email: response@uettin Weballe | www.uettin

Adapter Ladorer (10.3	6CC Recog Environmental story ander The EPA, 1568 (94.3423 to 29.09.2028)	Testing Lat (32.01.35	EPRES 20107 Accordinate services CTC-10.0451 XIT In 23.09.20243	Consultant Organisat	AL 1204 UNFICE Parts	attor (bob-it) Certified Co	and 5	DOL 450001 (BUDR Carliford CHIL Management System
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	GPC B	Method of Test
•			Mar-25					
			19-03-2025	26-03-2025	26-03-2025	26-03-2025	•	
1	Particulate Matter	mg/Nm <sup>3</sup>	28.53	23.96	28.15	22.46	150	IS 11255 (Part - 1)
2	Sulphur Dioxide as SO <sub>2</sub>	ppm	8.42	10.16	9.37	9.68	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO <sub>x</sub>	ppm	34.07	29.74	32.12	29.21	50	IS 11255 (Part - 7)
4	Carbon Monoxide	mg/Nm3	3.97	4.77	4.64	3.85		UERL/AIR/SOP/18
5	Non Methyl Hydro Carbon	ppm	Not Detected	Not Detected	Not Detected	Not Detected		UERL/AIR/SOP/27

R. D. Gohil

Rajnish D. Gohil (Chemist)



Jaivik S. Tandel (Manager - Operations)



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Multifield: Neorog Environmental Laboratory under The EPA, 1988 (03.04.3021 to 29.03.2028)

NAM COUNTER AND DECK ACCORDING Tealing Laboratory (TC-L1.M1) (33.01.3031 to 33.09.2024)

DEP MARET ACCORDING DA & DW Consultant Organisation

UPCB Recognized

INCOMENTATION INCOMENTATION IN CONTINUES. Environmental Autitor (Luh-II) Certified Company CHI, 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
			05-03-2025	05-03-2025	05-03-2025	05-03-2025	05-03-2025	
1.	pH @ 25 ° C		8.18	7.16	8.22	7.46	8.24	IS 3025(Part 11):2022
2.	Salinity	ppt	3.4	1	1.1	1.2	1.3	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	0.084	0.068	0.079	0.086	0.092	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	0.038	0.028	0.031	0.026	0.038	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)	BDL(MDL:0.05)	IS 3025(PART 49) 1994
12.	Copper as Cu	mg/L	0.068	0.062	0.086	0.082	0.111	IS 3025 (PART 42) 1992
13.	Iron as Fe	mg/L	BDL(MDL:0.1)	0.242	0.386	0.588	0.143	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	1.9	2.1	2.1	2.2	2.1	

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Mr. Nilesh Patel Sr. Chemist



Mr. Nitin Tandel **Technical Manager** 

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Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

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NAMA (1993)/1010 & 701275 - 2010/75 Accountered Tenlorg Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

DEP MARET ACCORDING DA & DW Consultant Organisation

ILPC B Recognized

INCOMENTATION INCOMENTATION INCOMENTATION Environmental Autiliar (Ech-II) Certified Company OHS Management System

Minimum Detection Limit								
	Ambient Air Quality Monitoring	g						
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**

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Multifield, Recog, Environmental Laboratory under The EPA, 1986 (03.04.3021 to 29.03.2028)

NAM EXCLUSIO 27025-20175 Accordinal Teniting Laboratory (TC-LILMEN) (33.03. JOJI In JJ.09.2024)

CET-MART ACCORDED DA & DW Consultanti Organization

INFOR Recognized Environmental Autitor (Lub-II) Certified Company OHI, Management System

INCOMESTICATION INCOMESTICATION

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	0.05
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		



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Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM UNDARC & PRES-201275 According Tenlong Laboratory (TC-13.945) (33.03.3033 to 23.09.2024)

DEP MARET ACCORDING DA & DW Consultant Organisation

ILPC B Recognized

Environmential Auditor (Lub-II) Certified Company CH1, Management System

INCOMENTATION INCOMENTATION INCOMENTATION

MARINE WATER					
Sr. No.	Test Parameter	Unit	MDL		
1	рН		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 <sub>3</sub>	μmol/L	0.4		
9	Nitrite as NO <sub>2</sub>	μmol/L	0.04		
10	Ammonical Nitrogen as NH <sub>3</sub>	μmol/L	0.8		
11	Phosphates as PO <sub>4</sub>	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		



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Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM UNDARC & PRES-201275 According Ten/ting Laboratory (TC-13.345) (33.03.30378 to 33.09.2024)

DEP MARET ACCORDING DA & DW Consultant Organisation

UPCS Recognized Environmental Autiliar (Ich-II) Certified Company CHE Management System

INCOMENTATION INCOMENTATION IN CONTINUES.

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		



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Multifield, forcing, Environmental Laboratory under The EPA, 1988 (03.04.3/021 to 29.03.2028)

NAM UNDARC ETRES 20125 According Ten/trog Lation story (TC-13.345) (33.05.30378 to 33.09.2024)

DEP MARET ACCORDING DA & DW Consultant Organisation

UPCS Recognized Environmental Autiliar (Ich-II) Certified Company CHE Management System

INCOMENTATION INCOMENTATION IN CONTINUES.

BORE HOLE WATER					
Sr. No.	Test Parameter	Unit	MDL		
1	рН @ 25 ° С		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



#### ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Sample ID:476434 - Analysis Completion: 11/02/2025

Ports and harbour, jetties and dredging operations / LAB Inward : 9067

Gujarat Pollution Control Board, Kutch West Katira Commercial Complex-1, First Floor Near Income Tax office, Manglam Char rasta ,Sanskar nagar, BHUJ - 370 001

#### TEST REPORT

Test Report No. : 9067	Date: 14/02/2025
1. Name of the Customer	: Adani Ports & Special Economic Zone Ltd 17739
2. Address	: 169/P,AT-NAVINAL ISLAND,MUNDRA, KUTCH
	Mundra-370421, Taluka : Mundra, District : Kutch East, GIDC : MPSEZ
3. Nature of Sample	: REP-Representative/Grab, (Insp Type : APP-On Application)
4. Sample Collected By	: S. S. Chauhan, DEE
5. Quantity of Sample Received	: 5 lit
6. Code No. of the Sample	: 476434
7. Date & Time of Collection & Inwarding	: 30/01/2025, (1800 to 1800) & 03/02/2025
8. Date of Start & Completion of Analysis	: 03/02/2025 & 11/02/2025
9. Sampling Point	: From final outlet of ETP ~
10. Flow Details (Remarks)	:
11. Mode of Disposal	: On land for plantation & gardening within the premises
12. Ultimate Receiving Body	: onland for irrigation.
13. Temperature on Collection	: 29 & pH Range on pH Strip :7 to 8 on pH strip
14. Carboys Nos for	: W-2 & Color & Appearance :Colourless
15. Water Consumption & W.W.G (KLPD)	: Ind :1304.110 , Dom :370.000 & Ind :90.310 , Dom :263.000

Sr	Parameter	Unit	Test Method	Range of Testing	Result
1	Temperature	Centigrade	IS: 3025 (Part – 9) – 1984(Reaffirmed 2006)	Ambient oC - 60 oC	29
2	рН	pH Units	4500 H+ B APHA Standard Methods 23rd edi.2017	1 – 14 pH value As or	7.03
3	Colour	Pt.Co.Sc.	2120 B APHA Standard Methods 23rd edi. 2017	2 - to 99 Hazen & 1-50	5.0
4	Total Dissolved Solids	mg/l	Gravimetric method. (2540 C APHA Standard Method	10 – 200000 mg/L	496
5	Suspended Solids	mg/l	Gravimetric method. (2540 D APHA Standard Method	2 – 10000 mg/L	10
6	Ammonical Nitrogen	mg/l	1). Titrimetric method (4500 NH3 B & C APHA Standar	1 - 2000 mg/l.	0.56
7	Percent Sodium	%Na	IS11624-1986(Reaffirmed 2009)	0.01 – 100%.	28
8	Chloride	mg/l	Argentometric method. (4500 CI? B APHA Standard N	1 - 50000 mg/l	230
9	Sulphate	mg/l	APHA(23rd edi) 4500 SO4 E	2-40mg/l	80
10	Chemical Oxygen Demand	mg/l	APHA (23rd Edition)- 5220 B Open Reflux Method-20	5.0- 50000 mg/l	25
11	Oil & Grease	mg/l	Liquid – Liquid Partition Gravimetric method. (5520 B	01 – 1000 mg/l	<1.0
12	Phenolic Compounds	mg/l	4 Amino Antipyrene method without Chloroform Extra-	0.1 – 50 mg/l	BDL
13	B.O.D (3 Days 27oC)	mg/l	3 – Day BOD test. (IS 3025 (Part 44) 1993 Reaffirmed	05–50000 mg/l	<5.0
14	Sodium Absorption Ratio(SAR)	SAR	IS11624-1986(Reaffirmed 2009)	1 – 50 v Meq/L	1.8

Laboratory Remarks : approve By:325-h.o\_325 Dt.: 14/02/2025

S. R Parmar

#### Field Observation :

Note : 1.\* - These parameters are NOT covered under the scope of NABL.

- 2. The results refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
- 3. Samples will be destroyed after 10 days from the date of issue of test report unless otherwise specified.
- 4. This report is not to be reproduced wholly or in part or used in any advertising media without the permission of the Board in writing.
- 5. The Board is not responsible for the authenticity for the samples not collected by the Board's officials.
- 6. Total liability of our laboratory is limited to the invoiced amount. Any dispute arising out of this report is subject to Gujarat Jurisdiction only.

7. Permissible Limits: as per Schedule VI of EPA Rules, 1986 as ammended by Second and Third ammendment 1993 for Effluents

- 8. Physicochemical and microbiological parameters, Std.Methods for Water and Waste Water- 23rd Edition by APHA.
- 9. Bioassay test (for toxicity) -IS:6582:Part-2:2001; Reaffirmed 2007.

# Annexure – 3



CII-ITC Centre of Excellence for Sustainable Development



### **Certificate of Validation**

#### Zero Waste to Landfill Achievement

Presented to

#### **Mundra Port**

Adani Ports and Special Economic Zone Ltd

At & Post –Mundra, Gujarat–370405, India

This is to certify that **Mundra Port** has successfully achieved the **Zero Waste to Landfill (ZWL) Platinum – Class I Rating** by demonstrating outstanding leadership in waste management practices through:

- Waste Diversion Rate: Attaining a diversion rate of 99.61% from landfill through the adoption and implementation of the 5R principles Reduce, Reuse, Repurpose, Recycle, and Recover.
- Sustained Commitment: Maintaining ongoing compliance through participation in annual surveillance audits to ensure conformance and adherence to ZWL principles.





Seema Arora Deputy Director General Confederation of Indian Industry

#### Certificate Issued on: 03 May 2025

Certificate No.: CII/ZWL/2025/001

Validity of Certification: From 23 December 2024 to 22 December 2027

Initial Certification: TUV/ZWLMS/2021/Adani Ports/0501

This certification is awarded based on the evidence submitted and verified during the assessment period. The certified organization bears sole responsibility for the accuracy of submitted data and for maintaining ongoing compliance. For detailed terms of certification, audit findings, and evaluation methodology, please refer to the attached Annexure.

# Annexure – 4



### Details of Greenbelt Development at APSEZ, Mundra

	Total Green Zone Detail till Up to March 2025				
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

SI. 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 – 5



# Annual Report 2024-25

### CSR Gujarat Kutch - Dahej - Hazira

Adani Foundation Adani House, Port Road, Mundra – Kutch 370 421 [info@adanifoundation.com] [www.adanifoundation.com]



# Our Journey by



Mr. Rakshit Shah, Executive Director APSEZ From Pledge to Progress Further,

"As your deed is so is your destiny. The larger an organization gets, the more power its deeds wield and the more power its deeds wield greater becomes its responsibility towards the larger society"

I am happy to share that Adani Foundation continued to make significant strides to elevate the sustainability of our CSR operations. This year We prioritize Livelihood enhancement to 2200+ women and supporting for Drip Irrigation to 1000+ Farmers. We raised the bar through our environmental initiatives, Water Conservation, Terrestrial and Coastal Biodiversity. We are also spreading awareness for reducing paper usage, Reducing emissions through firewood cooking, diesel free village drive at Surat district and increasing the green cover by planting trees. We enhanced the impact of our social initiatives by empowering women through Enhancing skill and Livelihood, increasing gender diversity and improving inclusivity. We are working for socio economic upliftment marginalized community i.e. Primitive Tribes at Bharuch and Surat district and fisherman at Kutchh district.

Our commitment to sustainable CSR operations has earned the trust of our stakeholders and contributed to our success. It has also helped us build a more resilient, sustainable and profitable business. I thank our Adani Foundation Team for their continued support and dedication to our commitment to sustainable CSR practices, as we remain focused on driving long-term value for our stakeholders, and the communities in which we operate.

With best wishes,

Rakshit Shah



**Environment Sustainability** Education Sustainable Livelihood Development **Community Health Community Infrastructure** Development Community Resource Centre Swavlamban Adani Skill Development Centre Flood relief work Employee volunteering program **AKBPTL Tuna** AGEL Khavda AGEL Dayapar & Mandvi Adani Cement Sanghi Events Awards & recognition Publication

#### Case Study Beneficiaries list

# TABLE OF CONTENT



Environment Sustainability Education Sustainable Livelihood Development Community Health Community Infrastructure Development Events Awards & recognition VVIP & VIP Visits Case Study Beneficiaries list



#### Education Community Health Sustainable Livelihood Development Community Infrastructure Development Employee volunteering program Climate Action Awards & recognition Case Study Beneficiaries list

# CSR Kutch

# **Demographic** Details

Block	Villages	No. of HHs	Population
Mundra	61 Village	35192	153179
Anjar	6 Villages	5350	28500
Nakhtrana	22 Villages	14093	36373
Lakhpat	20 Villages	8092	18976
Khavda	22 Villages	8450	35200
Rapar	3 Villages	345	12450
Mandvi	8 Villages	2780	14560
Abdasa	12 Villages	2415	9660

- 1. Adani Ports and SEZ Limited
- 2. Adani Power Mundra Limited
- 3. Adani Wilmar Limited
- 4. Adani Wilmar Caster Limited
- 5. Kutchh Copper Limited
- 6. Mundra Solar PV Ltd
- 7. Mundra Petrochem Ltd
- 8. Adani Kandla Bulk Terminal Private Limited
- 9. Adani Solar Limited Bitta, Abdasa
- 10. Adani Green Energy Limited Nakhatrana
- 11. Adani Green Energy Limited Khavda
- 12. Adani Energy Solution Limited Rapar





# adari cronrari mini

# **Environment Sustainability**

"Sustain the earth, sustain life"





# CLIMATE ACTION

for Environmental Sustainability

ADANI FOUNDATION'S COMMITMENT TO A GREENER FUTURE



In an era where environmental sustainability is paramount, our commitment to preserving and enhancing the natural world is reflected through our diverse projects. These initiatives not only address critical environmental challenges but also align with the United Nations Sustainable Development Goals (SDGs), ensuring a holistic approach to sustainable development. The Adani Foundation is dedicated to various environmental activities, working on different projects to foster a sustainable future.



# Innovative Environmental Solutions for Sustainable future

Adani Foundation is dedicated to environmental sustainability through impactful initiatives that address critical challenges and align with SDGs. Comprehensive efforts in biodiversity conservation, pollution reduction, water conservation, and renewable energy are crucial for fostering a sustainable and environmentally conscious future.





#### **TERRESTRIAL BIODIVERSITY**

Project Adani Vanl Harit Paryavaran ki Ek Pahel" focuses on afforestation and community involvement, transforming barren lands into thriving forests with 88,303 plants, enhancing local biodiversity.



#### **COASTAL BIODIVERSITY**

The mangrove plantation project at the Luni coastal belt has **manual 162 hectares of dense mangrove forests**, providing a new habitat for various species and showcasing the area's ecological richness.

#### PLASTIC FREE ENVIRONMENT



This initiative educates children about plastic pollution and promotes reducing, reusing, and recycling plastic to foster environmental responsibility.

The SWAJAL project addresses groundwater depletion in Kutch by constructing rooftop rainwater harvesting systems, benefiting 1,660+ individuals and ensuring access to quality drinking water.

WATER CONSERVATION

#### SOLAR PROJECTS



Surya Ghar initiative provides sustainable energy solutions by installing solar panels, significantly reducing electricity costs and promoting environmental sustainability in rural communities.

## Terrestrial Biodiversity Conservation

Adani Foundation is dedicated to terrestrial biodiversity conservation through comprehensive environmental initiatives. These efforts aim to enhance green cover, restore ecosystems, and promote community involvement in environmental stewardship. By focusing on large-scale afforestation and community-led green initiatives, the Foundation has significantly contributed to the ecological health and sustainability of various regions.

#### An overview of Adani Van:

Sr. No.	Year	Village	Асге	Total plants
1	2021-22	Nana Kapaya	2.5	5880
2	2022-23	Partappar	6	23388
3	2023-24	Rashapir	3	5350
4	2023-24	Moti Bhujpur	3	8000
5	2023-24	Desalpar	4	10000
6	2024-25	Nani Khakhar	2	800
7	2024-25	Dhrub	3	5150
8	2024-25	Nani Khakhar	2.5	7006
9	2024-25	Pipari	3	10005
10	2024-25	Borana	4	10304
11	2024-25	Khavda	1	1120
12	2024-25	Sanghi	1	1300
		12 Adani Van	35	88303



#### Adani Van -Harit Paryavaran ki Ek Pahel

Massive plantation drives to enhance green cover. Transformed barren lands into thriving forests, promoting sustainability.



#### **Biodiversity Enhancement**

78 bird species, 4 mammal species, 12 species of insects and reptiles. Significantly enhanced local biodiversity and ecological health.



#### Prakruti Rath: Community-Led Green Initiatives

**Distributed 53,886 saplings**, enhancing green cover. Strengthened community connection to nature and empowered environmental stewardship.



#### **Plantation Achievements**

**Total Plants:** 

88,303 across 35 acres

Native Species:

70+ species planted



HABITAT CREATION	BIODIVERSITY DOCUMENTATION	MANGROVE PLANTATION	ENHANCED BIODIVERSITY	COASTAL PROTECTION	CARBON SEQUESTRATION
Mangrove plantation has successfully established a new habitat and ecosystem for numerous organisms.	PhD students from various institutions have <b>documented</b> <b>over 65 species</b> from different phyla, showcasing the site's ecological richness.	A total of 8,22,000 mangroves have been planted, contributing significantly to coastal protection and biodiversity.	The project has increased the variety of species in the area, supporting a diverse range of flora and fauna.	Mangroves act as natural barriers against coastal erosion and storm surges, protecting the shoreline and nearby communities.	Mangroves play a crucial role in carbon sequestration, helping mitigate climate change by absorbing carbon dioxide from the atmosphere.

# COASTAL BIODIVERSITY CONSERVATION

Since 2010, the Adani Foundation has been dedicated to enhancing coastal biodiversity through a mangrove plantation project at the Luni coastal belt. This initiative has resulted in the creation of **162 hectares of dense mangrove forests**, aimed at promoting ecological sustainability and creating new habitats.



### **Biodiversity Knowledge & Interpretation Center**



#### Biodiversity & Interpretation Center

The center is dedicated to educating, inspiring, and engaging the community in conserving Gujarat's rich biodiverse.





#### **Awareness Sessions**

An awareness lecture was held at Adani Vidya Mandir, Bhadreshwar, with 50+ students participating.





#### Nursery Development

A nursery of **10,000 mangrove seeds** was established at the Luni site with the active participation of local fishermen.

#### Workshop on Coastal Conservation

One-day workshop was held with participation of 200+ students of University.





#### **Training Sessions**

30+ Employee Training on Biodiversity Conservation at Mundra Petrochem LTD.





## Nurturing A Plastic-free Generation

Adani Foundation is committed to creating a cleaner, plastic-free future through its "Plastic Free Environment" initiative. By focusing on the principles of reduce, reuse, and recycle, the foundation aims to educate children about the harmful effects of plastic pollution on ecosystems. This initiative empowers the younger generation to take proactive steps towards environmental stewardship, through community engagement and educational programs, the Adani Foundation is making significant strides in reducing plastic waste and promoting a healthier planet.



#### **Plastic Free Villages**

- > 2 villages & 8500 individuals targeted
- > 50+ local vendors, 70+ women in SHGs 325+ students were aware by sessions

# 02

#### Green School Project

- Covering 75+ Schools
- > 12000+ Students
- > 32000+ Kg Single used plastic recycle at Zero Cost



#### **Coastal Cleanup Day**

03

> 200+ students and 80 Uthhan Sahayaks led to the successful cleanup of a 1 km stretch of Kashivishvnath Beach, Mandvi.

## Water Conservation "Swajal Project" **Enhancing Rural** Water Resources

Adani Foundation has undertaken significant water conservation initiatives to address water scarcity and improve water availability in rural areas. Through the creation of 737 various water structures, the project has increased water capacity by 5,400,735 cubic meters (CUM) and benefited 64,515 people. These efforts are crucial for sustainable water

management, agricultural productivity, and community well-being.

#### Check Dam New/Renovation

- Structures: 29
- Water Capacity Increase: 1.072.332 CUM
- Beneficiaries: 30,870
- Impact: Enhances water storage and irrigation.

#### Pond Deepening



- Water Capacity Increase: 1.028.403 CUM
- Beneficiaries: 18.350
- Impact: Improves water retention and availability.

Structures (RRWHS)

Rainwater Harvesting

- Structures: 330
- Water Capacity Increase: 3,300,000 CUM
- Beneficiaries: 1.650
- Impact: Maximizes rainwater capture and usage. Rs. 10950 yearly saved/house



#### Construction of Percolation Wells



- Structures: 26 • Ground Water Recharge:
  - Significant
  - Beneficiaries: 3,000
  - Impact: Boosts groundwater levels and availability.

### **Bore/Well Recharge**

- Structures: 209
- Ground Water Recharge: Significant
- Beneficiaries: 1,045
- Impact: Enhances groundwater recharge and sustainability.



#### **Construction of New Wells**

- Structures: 8
- Purpose: Drinking Water
- Beneficiaries: 9,600
- Impact: Provides reliable drinking water sources.

#### 126



# Surya Ghar Project 100% Solar Village

#### Adani Foundation, through its CSR initiative, has launched the Surya Ghar Project to transform 2 villages into 100% solar-powered

**communities**. This project aims to provide sustainable energy solutions, enhance energy access, reduce reliance on conventional power sources, and promote environmental sustainability while significantly lowering electricity costs for villagers. **The project benefits 4,500+ people.** 

#### Vision & Objectives



- Provide sustainable energy solutions for rural communities.
- Enhance energy access and reduce dependency on conventional power sources.
- Promote environmental sustainability and lower electricity costs.

#### Implementation & Impact

- Solar panels installed in 2 villages, ensuring 100% solar energy under PM Surya Ghar
- Transformed villages into models of sustainable living.

#### Financial Impact:



adani

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संवरता भारत

An initial and the American

- Electricity bill reduced to Rs. 0 per household.
- Annual savings of Rs. 12,000 per household.
- Total annual savings of Rs. 90 lakhs for 750 households.

#### Environmental Benefits

- Significant reduction in carbon footprint.
- Promotes clean, renewable energy.
- Serves as a replicable model for other rural communities.

# Education

"Empowering minds today for a brighter Tomorrow"

**5** Gender Equality

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1 NO POVERTY

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SDG

4 QUALITY EDUCATION

# Educational Excellence: Aligned with Adani Foundation's Vision

**Project Utthan,** an initiative by the Adani Foundation, is dedicated to transforming the educational landscape at the grassroots level. Aligned with the Adani Foundation's vision of fostering sustainable and integrated development, Utthan aims to enhance the learning abilities and outcomes of students in government primary and high schools. By adopting a holistic approach, the project addresses various aspects of education, including foundational literacy and numeracy, capacity building for teachers, and active parental engagement.

In line with the National Education Policy (NEP) 2020, Utthan emphasizes the development of cognitive skills, critical thinking, and problem-solving abilities among students. This year, the project has introduced several innovative programs to further its mission. These include Vedica Maths and Abacus for improving mathematical literacy and logical thinking, School Cinema for value-based education, and the Children's Toy Foundation Kit to greate a joyful learning environment. Additionally, collaborations with Secure Nature and Oasis have been established to promote environmental education and foster a love for reading among students.

Through interactive teaching methods, activity-based learning, and digital resources, Utthan continues to make significant strides in improving educational standards and nurturing the holistic development of students. This commitment aligns with the NEP's vision of providing high-quality education to all, thereby contributing to character building and national development.





12,000+

student's life positively impacted

# Utthan's Vision for the Future: Aligning with NEP, SDGs, & Impact Overview

Utthan is revolutionizing government primary education by transforming schools into vibrant centers of learning and development. Through innovative initiatives, Utthan introduces modern teaching methods, state-of-the-art facilities, and engaging co-curricular activities. By actively involving parents, especially mothers, as catalysts in this transformation, Utthan strengthens community bonds and enhances educational outcomes. These efforts align with the National Education Policy (NEP) 2020 by promoting inclusive, equitable, and quality education, and support the Sustainable Development Goals (SDGs) by fostering lifelong learning opportunities and community engagement.

#### Utthan Year wise students' strength



## Objectives:



Mainstreaming progressive learners



Character building by Co-curriculum activity



Creating joyful learning spaces



Mothers as catalyst in transformation





#### **Progressive learner**



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

#### Library Activity



Conduct library activities on the first and third Saturdays of each month. To increase reading habits, we also planed reading workshops that foster a love for reading among students.

#### **Competitive exam preparation**



Prepare students for various competitive exams such as JNV, NMMS, PSE, CET, and Gyan Sadhana. Our efforts include raising awareness about these exams among the community and parents, ensuring students are well-prepared and supported.

#### IT on Wheels



To enhance digital literacy, we introduce "IT On Wheels," a program designed to equip students with essential digital skills crucial for the 21st century. This initiative ensures that students are proficient in using technology, preparing them for future challenges.

# Enriched reading corners to develop reading habits

Library books were issued twice a month, and a dedicated reading corner was established in each school to enhance accessibility. Additionally, over 1,000 books and various magazines were provided, and library activities and Oasis Book Reading Workshops were conducted regularly, enriching the reading experience and fostering a love for reading among students.

> 2,09,640 Books issued between students



Progressive Students 3500 Strengthening foundational literacy, 3000 numeracy and skills

A total of **6,540** students from Class 3 to 7 were assessed in reading, writing, and math skills, with **2399** students identified

as needing additional support. Targeted interventions helped

1,520

students successfully integrate into regular academic programs



# Utthan's Impact: A Data-Driven Overview of Utthan Initiatives



#### Environment Education Project

In collaboration with Secure Nature & Green School Competition to educate students about environmental conservation through hands-on activities and projects.

80 Schools 12000+ Students

#### Monthly Mother Meetings

Participation of over 18,750 mothers across 750+ meetings. held in the second week of every month, focus on sharing students' progress, engaging mothers through competitions, and providing support through home visits.

80 Schools 15000+ Students

#### Adani Competitive Coaching Center

Coaching for various competitive exams, helping students prepare effectively. This includes providing study materials, practice tests, and expert guidance.

27 Schools 5000+ Students

#### English as Third language

Promote English proficiency as a third language, equipping students with essential communication skills that are crucial for their future academic and professional success.

#### 69 Schools 10000+ Students

Oasis Reading workshop Utthan sahayak get training

& conduct Oasis Reading Workshops to enhance students' reading habits. These workshops are designed to foster a love for reading through engaging activities and discussions.

700+ Workshop 20000+ Students

#### Capacity building of teachers

Throughout the year, we plan various training sessions, including special sahayak programs to enhance Vedic Math's and Abacus skills. We also encourage government teachers to participate in these programs

150 Teachers 16000+ Hours

## **High School Result Comparison**

Utthan is dedicated to enhancing board results in high schools by implementing a comprehensive approach that includes both scholastic and co-scholastic activities. These initiatives focus on the holistic development of students, fostering self-growth and significantly improving academic performance.

#### Yearly Comparison of 10th Board result in 8 High School (HS)

Sr. No.	High School	2021-22	2022-23	2023-24
1	Navinal HS	58%	100%	100%
2	Deshalpar HS	60%	70%	100%
3	M. Khakhar HS	71%	72%	100%
4	Dhrab HS	47%	85%	100%
5	Kandaghra HS	27%	50%	92%
6	Zarpara HS	86%	80%	99%
7	Bhujpur HS	56%	64%	86%
8	N. Khakhar HS	33%	69%	86%



#### Year Wise Average %

### 54.7% 2021-22 73.5% 2022-23 95.4% 2023-24

#### Enhancing Skills: Vedic Maths & Abacus Programs for Students

#### Implementation

- Abacus program introduced in 58 primary schools.
- Vedic Mathematics program introduced in 8 high schools for class 9 students.
- Fostered critical thinking and logical reasoning.

#### Assessment & Certification

- All students completed Level 1 and received a certificate.
- Students who completed Level 2 were also recognized.

#### **Student Participation**

- 1,607 students from classes 5-7 participated in the Abacus program.
- 1,302 students from classes 8-9 participated in the Vedic Mathematics program.

#### **Program Impact**

- Enhanced students' mathematical skills and problem-solving abilities.
- Increased student interest in mathematics.
- Sahayak participants received certificates, boosting their confidence and motivation.



## Key finding of third-party assessment

The Utthan program assessment employed a quasi-experimental, mixed-methods design with prepost comparisons and stratified random and purposive sampling to evaluate student outcomes, program impact, and sustainability. **The sample included 288 intervention students, 96 nonintervention students, 53 Sahayak, 30 head teachers, 30 SMC members, 30 parents, and community members, with data collected through FGDs, SSIs, and KIIs.** Univariate and bivariate analyses were conducted, and field notes were transcribed to identify themes. These themes were aligned with objectives and compared to past data to uncover discrepancies and analyze their causes.



**1** 

More than 90% of the students have achieved proficiency in reading, writing and numeracy skills in Utthan Schools.

**Utthan sahayak as catalyst:** The introduction of Saha yaks (teacher assistants) ensures personalized student support and bridges gaps between schools and families, fostering greater parental involvement.



Sahayak have mentioned improvements in their classroom management practices, strong and parent and community management and understanding of student child development



97% of students reported improved confidence in leadership and communication and 97% of students in Utthan schools have mentioned interest in attending school.



Teachers' capacity building : Comprehensive teacher training programs enhance instructional quality, equipping educators with tools to deliver FLN-focused curriculum effectively.



Community engagement through home visits and mothers' meetings, the project strengthens parental accountability and participation, directly influencing students' motivation and performance.

# Adani Vidya Mandir, Bhadreshwar

#### **Empowering Futures through Holistic Education**

Adani Vidya Mandir, Bhadreshwar (AVMB) stands as a beacon of hope and excellence, dedicated to transforming the lives through free and quality education. Aligned with the principles of the National Education Policy (NEP) and the National Accreditation Board for Education and Training (NABET), AVMB is committed to fostering an inclusive and holistic learning environment. The 2024-25 academic year has been a testament to our unwavering dedication to the Sustainable Development Goals (SDGs), particularly Goal 4: Quality Education. AVMB has successfully integrated innovative programs, dynamic student engagement, and comprehensive support systems to ensure that every child receives the best possible education and opportunities for personal growth. These efforts reflect our mission to provide a nurturing environment where students can thrive academically, socially, and emotionally.

## Holistic Development & Achievements

#### Academic and Institutional Developments

 Board exam results showcased excellent student performance, with targeted remedial sessions introduced for continuous improvement.
 The Housekeeping Training Program (May 28) emphasized cleanliness and hygiene

#### Teacher Development and Training

maintenance among staff.

Teacher Capacity Building Program (June 6) enhanced instructional strategies and curriculum planning.
NABET Accreditation Training (June 12) ensured compliance with national educational standards.

#### Technological Advancements

 Inauguration of a New Computer Lab (Sept 27) enhanced digital learning opportunities.
 Al and Google Gemini Training (Nov 16) prepared educators for modern teaching methodologies.



#### Cultural and Co-Curricular Activities

- World Book Day (April 23) promoted reading culture through storytelling and book exhibitions.
- International Yoga Day (June 21) emphasized mindfulness and physical wellness.

#### Student Achievements

- SVS Science Exhibition (Oct 4): AVMB students won first place for their research on screen time and its impact.
- District-Level Science Fair (Dec 9-10): Students represented Mundra Taluka with innovative projects.

#### Health and Safety Initiatives

- Menstrual Hygiene Awareness Program (June 22) educated girls on personal health and wellness.
- School-Wide Health Check-Up (July 8) ensured early detection of health concerns.

## **Empowering Minds & Building Futures at AVMB**

#### **Environmental and Community Initiatives**

- World Mangrove Day (July 25) raised awareness about ecological conservation.
- Fortnight-Long Swachhagrah Drive (Sept 17-30) promoted cleanliness and sustainable habits.



- Educational Trips (Dec 3, Feb 18-19) provided realworld learning experiences.
- First Alumni Meet SANGATH (Oct 26) strengthened ties with former students and inspired current learners.



- **Sports and Physical**
- Inter-House Sports Competitions (Jan 3): Events like Kabaddi and Kho-Kho fostered teamwork and discipline.
- Khel Mahakumbh 3.0 (Jan 15): Over 77 students showcased athletic skills in multiple disciplines.



- Best Day-Boarding School Award (NSA 2024) recognized AVMB's commitment to quality education.
- Education Excellence Award (Feb 11) reinforced AVMB's role in empowering underprivileged students.

#### Teacher Development and Training

- Sanskarotsav Teachers' Training (Nov 12-14) focused on self-development and effective teaching strategies.
- Adobe Express Training (Jan 17) introduced teachers to digital learning tools.



- Ashadhi Bij Celebration (July 5) and Guru Purnima (July 19) reinforced cultural values.
- Kala Utsav and Kala Mahakumbh Competitions (Dec 6, 23, 24): Students excelled in music, painting, and performing arts.



AVMB Under-14 and 17 teams both won the Mundra Taluka Level Kho-Kho competitions. 01

03

05

07

02

04

06

A project from AVMB ranked first in the Science Fair at the SVC level and second at the CRC level.

At the BRC level, AVMB students won first place in Singing, Drawing, and the Group Song Competition

#### 1171

students who have embarked on their journeys through AVMB

# AVMB: A Year of Outstanding Achievements

Rathod HardevSinh secured first place in the District Level Athletics Festival at the Taluka level.

At the QDC level, AVMB students achieved first place in Play Music, Singing, and Bal Kavi competitions.

#### 641

Students currently shaping their future through dedicated learning at the schoolents.



# Inspiring Minds



Udaan Progress Report | Apr 23 - Feb 24 | Volume 2 | www.projectudaan.in

#### 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 goverment schools.



To presse a pool of inspired young minds. For nation building at a global scale.

#### Mission

Vision

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


## Sustainable Livelihood Projects

STATES SHOT PARTY.

"Empowering hands, transforming lives"



2 ZERO HUNGER

1 NO POVERTY

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12 RESPONSIBLE CONSUMPTION AND PRODUCTION

## SLD - Animal Husbandry

With decreasing rainfall and rising groundwater salinity, traditional farming faces serious challenges. To support farmers and livestock owners, the Adani Foundation has taken proactive steps to strengthen agriculture and animal husbandry in nearby villages.

### PASHUDHAN INITATIVE

This initiative focuses on two key areas:

- 1. Preventive Health Care
- 2. Fodder Support



## PREVENTIVE HEALTH CARE

Under the Preventive Health Care program, the Foundation, in partnership with the Animal Husbandry Department, organizes regular cattle health camps across 24 villages. These camps provide veterinary check-ups, vaccinations, and treatments for common diseases. Life-saving vaccines, such as those for Foot-and-Mouth Disease (FMD) and Clostridial infections, help ensure long-term immunity and healthier livestock. Additionally, medicines and vaccines are supplied by the Foundation.

These efforts are helping protect livestock health, improve farmers' livelihoods, and build resilience in the community.





14,056 Cattle vaccinated

1460 Deworming tablet distributed

15,000+ Cattle benefited

> 959 Cattle owner benefited

## FODDER SUPPORT

The Adani Foundation's Fodder Support Program plays a crucial role in supporting nearby villages during harsh summers, droughts, and crop failures. To ensure livestock health and community well-being, we provide high-quality dry and green fodder to 24 villages.

Adani Foundation provides good quality dry and green fodder to 24 villages in our vicinity, covering 15,005 cattle of 1500+ Cattel owners.

### Grass Land development:

AF converted 5 acres of desolated village common pastureland (Gauchar) into fertile and productive grassland in Zarpara village to transform into Fodder Sustain village with Community participation and responsibility for maintain and Monitoring.

Among that 5 acre of Gauchar land is fenced and sowed with Multispecies Green Fodder with Having Good nutritive value. More than 1500 Cattle will sustain with Improving quality and quantity of milk.

Green Fodder



15,74,250kg Dry Fodder 51,66,805kg

15,005 Cattle benefited

Cattle owner benefited

## SLD - Fisherfolk Community

### Persistent efforts • for Fisherman development



## **Fisherfolk Community**

holds great importance in Mundra, as they are an integral part of the coastal ecosystem and economy. Recognized as a marginalized group, we are committed to their holistic upliftment through various sustainable livelihood initiatives. Our interventions focus on enhancing their education, improving shelter and transportation facilities, supporting youth employment, and connecting them with government fisheries schemes. Through these continuous efforts, we aim to empower the fisherfolk community and ensure their socio-economic development.

### Empowering Fisherfolk Communities through Education



રાષ્ટ્રીય માધ્યમિક શિક્ષા અભિયાન રાષ્ટ્રીય માધ્યમિક શિક્ષા અભિયાન શ્રી ગુંદેરાળે સરકારી મધ્યપ્રિક અને ઉપ્પત્ર માધ્યમિક શ્



### Scholarship Support:

To uplift financially challenged communities, we extended scholarships support of **Rs. 3,58,765 to 35 students,** enabling them to pursue higher secondary and technical education. This support is helping break the cycle of poverty and create a brighter future for these students and their families.

## Vehicle Transportation Facilities:

Ensure seamless access to education for 121 school-going children from Modhva, Tragadi, and Zarpara Bandar Fisherfolk Students in reaching the nearest School, eliminating barriers to regular attendance. Additionally, personal cycle support to 5 fisherfolk students.



## Education Kits Support:

Equipping **88 fisherfolk students** in HSC and Graduation with essential tools for academic success, including notebooks, guides, stationeries and study bags, we empower them to pursue their education with no financial barriers. 145

## Job opportunity

Acting as a bridge between industries and fisherfolk youth, the Adani Foundation facilitated job placements for 30 fisherfolk as RTG operators, in the HR department, and as supervisors in APSEZ companies.

In the APSEZ area and colony, 45 fisherfolk youth have been offered professional painting roles. To ensure they are skilled for the role, they underwent comprehensive training in partnership with Asian Paints.

This initiative has enhanced their livelihoods and provided sustainable employment opportunities.



### Awareness camp on Menstrual health:

A menstrual health awareness camp was organized for 200+ women from the fishing communities of Modhva and Tragadi villages. The program focused on educating them about menstrual hygiene, PCOD, and menopause management. It promoted healthy practices, offered guidance on managing related health issues, and distributed sanitary products to support their overall well-being.



## Potable water Distribution:

Providing access of potable Drinking water Facilities to Nine fisherfolk vasahat on Daily bases, either By Water tanker or Linkage with Nearest Gram panchayat.



**5000+ Fisherfolk Population** are getting benefit which impact on their health and well-being

### Daily Water Tanker Support:



## **SLD - Agriculture**

### **BIOGAS PROJECT**

In our ongoing efforts to promote sustainable and eco-friendly farming practices, we have successfully registered 863 farmers from five different talukas in the Kutch district. Each registered farmer will receive financial support of ₹9,000 for the installation of biogas plants on their farms. This initiative aims to provide farmers with a renewable source of energy, reduce dependency on conventional fuels, and improve overall agricultural productivity.

#### **Benefits of Biogas:**

#### **Renewable Energy Source**

Biogas is a sustainable and renewable energy source that reduces dependence on fossil fuels.

#### **Cost Savings**

Farmers save on fuel expenses as biogas can be used for cooking, heating, and electricity generation.

#### Waste Management

Biogas plants efficiently manage agricultural waste by converting it into useful energy.

#### **Environmental Impact**

Biogas reduces greenhouse gas emissions, contributina to climate change mitigation.

#### Soil Health

The by-product, known as digestate, is a nutrient-rich organic fertilizer that enhances soil fertility.

#### Improved Livelihoods

Biogas provides farmers with additional income and energy security, improving their overall quality of life.

# **Key Highlights**

863 Farmers

Total Farmer Registered

Rs. 9000

Financial

Support to each

farmer

## 6 Talukas

Geographical coverage in Kutch

### DRIP IRRIGATION: ENHANCING LIVELIHOODS IN KUTCH

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.

### Adani Foundation's Drip Support in FY - 2024-25



**1041** Farmers connect with Drip Support

> In 2024-25, Adani Foundation supported sustainable water management in Kutch by **Promoting drip irrigation across 490 villages in Abdasa, Lakhpat, Mandvi, Mundra, and Nakhtrana talukas. Covering a total area of 2,074.53 hectares, the initiative benefited 1,041 farmers.** This effort enhanced irrigation efficiency, boosted agricultural productivity, and contributed to water conservation and eco-friendly farming practices in the region.

### **Natural Farming**

As part of our commitment to sustainable agriculture, we have focused on promoting natural farming practices to conserve soil health and enhance environmental sustainability.

#### Till Date

2,275

Farmers trained in Natural Farming 226 Farmers successfully transformed to 100% Natural Farming

## 857

Farmers linked with GOG to support cattle welfare scheme

#### **Green Carnival**

Organized an annual Green Carnival, providing farmers with a dedicated marketplace to sell their organic produce directly to consumers. This event is hosted by our employee company and attracts many buyers interested in organic products.

#### **Sales Achievements**

This year, the Green Carnival was a resounding success, with farmers selling a total of **16,241 kg** of organically grown vegetables and fruits at the event.

Rs. 6,49,640+ Total revenue

## **SLD** - Women Empowerment

The Adani Foundation places women's empowerment at the heart of its initiatives, focusing on skill development, entrepreneurship, and self-reliance. By providing training, essential materials, and market linkages, it creates opportunities for women to enhance their livelihoods. In collaboration with government programs, the foundation strengthens Self-Help Groups (SHGs), promoting savings and sustainable businesses. It also prioritizes women's health and hygiene through targeted awareness initiatives. This holistic approach fosters economic independence, social inclusion, and overall well-being among Women in its project areas.





#### Self Help Groups

- 88 Self Help Groups in coordination
- with National Rural Livlihood Mission.
- 920+ Members
- Over Rs.39 Lacs Saving Amount Corpus

#### Job Sourcing - Govt

• 11 Women supported for application



#### and process of Gram Rakshak Dal, Bank Sakhi, Bima Sakhi and Professional Resource Person. • Average income Rs.7500 Per Month

#### Making SHG Self Reliant



- 16 SHG are making strides towards self-reliance. Various handicraft, dry and fresh food making, stitching, tie and die etc.
- 175+ women Monthly average income @ Rs.7000 of each member/Month

#### Social Empowerment

- 4 Livelihood Enhancement Training through RSETI
- Financial support for business set up
- Legal rights and domestic violence workshops
- Family counselling for Job sourcing

#### Job Sourcing - Private

- Coordination for Job by Unnati Portal with Adani Group company companies, Britania, B Medical and Emphazer company
- 758 Women supported till date for job sourcing.
- Average income Rs.10,800 Per Month



#### Revenue of each SHG in FY 2024-25

Name of IG activity of SHOW/JLG/FIPC's	Income 2023- 24 (INR)	Cumulative Income (INR)
Sonal Saheli	\$58700	3378700
Sanitary Pad Saholi	25.600	282,266
Tejasvi Saheli	149200	4,454,250
Umang Sahali	54300	291100
Madhay Saheli	39600	\$49200
Soof Sahati	92000	153000
Meghadhanush Sahati	458000	685090
Saheli Swa sahay Jush	105425	902850
Radhe Saheli	44500	924918
Shrddha Sahali	2600000	5179000
Chamunda Saheli	26900	1755700
Food Sister Sahlei	1755700	2640200
Jyot Saheli	44199	89199
Pantjanpir gay Sahati	467060	1058000
Total	6201124	150



## "CHETNA"

Initiative with gender diversity

The Adani Foundation, in partnership with Unnati Portal and Adani Solar, launched the "CHETNA" initiative, aimed at promoting gender diversity by creating equal opportunities for women from Kutch to pursue employment and personal development.

Understanding the cultural and social barriers faced by women in the region, the Foundation took proactive steps to mobilize and counsel potential women candidates. Special efforts were made to engage with their parents, addressing concerns and building trust to encourage families to support women's participation in interviews and formal employment. To ensure smooth onboarding, the Foundation also provided travel assistance and interview support. As a result of these focused efforts, today 614 women from Kutch are successfully employed at Adani Solar, marking a significant step towards their economic empowerment and fostering gender diversity in the workforce. 614 Local female employees in Adani Solar from Kutch

₹ 1.8 Lakhs/annum 12th pass candidates

₹ 2.16 Lakhs/annum Graduate candidates

Technical Associates

## Highlights of the Work done by our SHG!

Sathwaro'24 Powering Art, Empowering Artisans

3 women SHGs from Adani Foundation Mundra participated in the prestigious Sathwaro Mela at the Belvedere Club. Ahmedabad, showcasing Mud Art, Bead Art, and Soof Art, along with two artisans specializing in Rabari and Doori work, achieving an impressive turnover of Rs.1,30,000/-





### New Stitching Centre

Livelihood opportunities for local women

In Vandh Village, by providing advanced stitching and embroidery training, the new stitching center empowers women with skills and employment. Equipped with 11 modern machines, women are producing 5,000 bags, gaining financial independence and professional confidence.

### Women empowerment initiative

Adani Foundation is empowering rural women through skill training, exposure visits, and SHG formation, enabling them to achieve financial independence and entrepreneurship.



#### **Skill Training**

Stone Dust Art Training Mud Art Training Beauty & wellness Training

@ 100+ Local women empowered



Visit to Welspun Stitching Centre for women to learn about stitching enterprises



#### **New SHG Formation**

"Madhay Saheli" a Food service SHG "Gopinath Saheli" a Tailoring SHG "Suidhaga" a Tailoring SHG





### CELEBRATED INTERNATIONAL WOMEN'S DAY WITH 1,000 LAKHPATI DIDIS

On 5th March, Adani Foundation celebrated the strength and resilience of women by marking International Women's Day with 1,000 Lakhpati Didis. The event highlighted the Foundation's ongoing efforts to empower rural women through meaningful livelihood opportunities. Over 614 women have been connected with job opportunities at Adani Solar, while 850+ women entrepreneurs received support to grow their businesses. Women from across Kutch shared their inspiring journeys of transformation, made possible by the Foundation's initiatives.

The celebration was graced by 9 international ambassadors who applauded the impact of these programs. Chief Guest Manisha Chandra - IAS (Principal secretary, Rural Development) had given motivation speech. Ms. Ami Shah (Director, Adani Public school) had appreciated efforts of Adani foundation and Adani solar for supporting Rural women and opportunities to grow as a technical associates in Adani Solar Mundra.

### MENSTRUAL HYGIENE AWARENESS

Adani Foundation is dedicated to educating and empowering rural girls and women from marginalized communities about menstrual health.

We aim to break negative social stigmas around menstruation and improve their overall well-being.

> 61 Villages covered

8300+ School girls & women participated till now





## **Community Health**

वटनीय केलील प्रतीरण

अहाशी बीन केन्छ ती.

પાંખરોગ

Pipe Bolds

ાંગ તથા સ્ત્રીરોગ

"A healthy community is a strong community"



**5** GENDER EQUALITY

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**3** GOOD HEALTH AND WELL-BEING

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154

## **Community Health**

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Good health is the foundation of a progressing community. In Kutch, the Adani Foundation is committed to improving healthcare access through partnerships with Adani G.K. General Hospital in Bhuj and Adani Hospital in Mundra.

For over a decade, we have supported communities with Mobile Health Care Units, Rural Clinics, and Ayushman Card linkages.

In response to rising cases of viral, kidney, and orthopedic diseases caused by salinity ingress, we have organized specialized health camps to provide treatment and raise awareness about prevention. By focusing on both preventive and curative healthcare, we strive to ensure long-term well-being and economic stability for the communities we serve.







## Mobile Health Care Unit

## **Our Service**

Mobile Van Rural Clinic Medical Support & Dialysis General Health Camp Specialty Health Camp Blood Donation Camp Cataract Camp Eye Vision Care Driver Health Check Up









#### Adani Hospital Mundra Pvt. Ltd.

OPD	IPD	TOTAL	
43183	2419	45602	



#### **Rural Clinic Services**

To enhance healthcare accessibility in rural areas, Rural Clinics have been set up in 5 villages of Mundra and 2 villages of Mandvi Block. These clinics offer regular medical consultations, basic treatments, and preventive care services. They play a crucial role in bringing consistent healthcare support to communities that otherwise have limited access to medical facilities.

12,733 patients benefited

#### Mobile Health Care Unit

The Adani Foundation operates Mobile Health Care Units that provide essential healthcare services to 29 villages and 7 fishermen settlements in Kutch. These units are equipped with diagnostic tools for blood pressure, sugar testing, and ECG, along with 90+ lifesaving medicines. By offering affordable healthcare at just ₹20 per visit, the MHUs ensure that primary healthcare reaches even the most remote communities.

### 11,066

patients benefited



#### Financial Assistance for Critical Illness

Understanding the burden of lifethreatening diseases on economically weaker families, the Foundation provides financial support for patients suffering from heart, liver, kidney diseases, and cancer. In the current year alone, 45,602 patients from Mundra, Mandvi, and Anjar Blocks have received critical medical assistance at Adani Hospital, Mundra, in collaboration with Adani GK General Hospital, Bhuj.

#### 45,602 patients benefited

#### **General Health Camp**

It aims to make quality healthcare accessible to underserved communities by providing free consultations and basic medical services. Doctors conducted health check-ups, including blood pressure monitoring, respiratory assessments, and screening for seasonal illnesses. Patients were also provided with necessary medicines on the spot, ensuring timely treatment and care. Such camps play a vital role in promoting health awareness and addressing common health issues in rural areas where access to healthcare is limited.

1922 patients benefited



#### **Specialty Health Camp**

It organizes to support focused medical care to rural communities through consultations from specialists such as gynecologists, pediatricians, orthopedists, ophthalmologists, and physicians. The primary objective is to address critical health issues among women and children, particularly during pregnancy, to prevent maternal and infant mortality. Additionally, Specialty Health Camps are organized promptly in response to disease outbreaks in villages, ensuring quick medical support and controlling the spread of illnesses.

#### 3217 patients benefited





## 顯力

#### Eye Vision Care Initiative

This year, Adani Foundation, in collaboration with Vision Spring, has launched a comprehensive Eye Vision Care program to address uncorrected refractive errors and improve eye health in the community. The initiative focuses on students ("See to Learn"), SHG women ("See to Earn"), and APSEZ drivers ("See to Be Safe"), ensuring better education, livelihood, and road safety. It also promotes "Vision for All" across the community. It is a holistic eye care campaign starting from the process of registration to eyeglass dispensing, and cataract surgery support.

10,000 patients benefited



#### Menstrual Hygiene Awareness Camps

Promoting health and dignity among adolescent girls and women, menstrual hygiene awareness camps are regularly organized in schools and community centers. These sessions focus on educating participants about menstrual health, hygiene practices, and breaking cultural taboos. Sanitary pads are also distributed to encourage proper menstrual care and improve overall health outcomes for women and girls.



#### Cataract-Free Mundra Initiative

To combat vision loss among the elderly, the Cataract-Free Mundra campaign has screened 567 individuals at the village level. Patients identified with cataracts are referred to GK General Hospital, Bhuj, for surgery, followed by postoperative care and follow-ups. This initiative has restored vision for many senior citizens, helping them regain independence and quality of life.

68 SUCCESSFUl cataract operations









# સ્પષ્ટ દૃષ્ટિ ઉજ્જવળ ભવિષ્ય

મફત આંખોનું સ્ક્રીનિંગ અને ગુણવત્તાશીલ યશ્મા

કી હેલ્પલાઈન 1800-1033-55 ર થી શનિવાર સવારે 9:00 થી સાંજે 6:00 ને તમારો સરકારી ઓળખ પુરાવો સાથે

## Facility Highlights of Burn Care Center

- 26 General Beds + 4 ICU Beds.
- Major & Minor OT (Operation Theatres).
- Dressing Room for burn wound management.
- 24×7 Emergency Services.
- Built as per Government District Hospital Standards.



### Burn & Intensive Care Unit – Adani GK General Hospital, Bhuj

The Adani Foundation, with funding support from Mundra Petrochem Limited (MPL) and Kutch Copper Limited (KCL), has established Kutch's **first-ever Burn & Intensive Care Unit** at Adani GK General Hospital, Bhuj. This state-of-the-art facility addresses a critical healthcare gap in India's largest district, where no specialized burn care previously existed. The center offers immediate and affordable treatment for burn injuries and plastic surgeries, reducing the risk of infections and saving lives by eliminating the need for patients to travel long distances to cities like Ahmedabad or Mumbai.

It is a significant step toward strengthening healthcare infrastructure, benefiting over 22 lakh people in Kutch by providing timely, quality care and easing financial burdens on affected families.

22 LAKH PEOPLE WILL BE BENEFITED

INCREASE THE SURVIVAL RATES

## Community Infrastructure Development

"Infrastructure that connects, empowers, and sustains"







6 CLEAN WATER AND SANITATION

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## Community Infrastructure Development



The Adani Foundation has been actively engaged in enhancing community infrastructure through various civil development projects, significantly improving the quality of life for residents. Key initiatives include the renovation of educational facilities, the construction of community gathering spaces, and strategic water management solutions. Upgraded schools now provide better learning environments, while newly built community halls and open sheds serve as essential spaces for social and cultural gatherings. Water infrastructure improvements, such as pipe culverts, have mitigated flooding risks and enhanced accessibility. Additionally, the installation of R.O. plants in educational institutions ensures access to clean drinking water. These initiatives align with global sustainability goals, fostering long-term community resilience and inclusive development.

### CID projects & its beneficiary's tree



162

## CID - Key Community Infrastructure Developments





#### Educational Facility Renovations

- High School, Zarapra: 550 students benefited.
- Aanganwadi, Goyarsama: 40 students benefited.
- High School, Desalpar: 550 students benefited.
- Kasturba Girls Hostel, Desalpar: 150 girls benefited.





#### Community Gathering Spaces

- Open Shed & Hall, Sukhpurvah Mundra: 1200 people benefited.
- Gathering Place, Wandi: 2000 people benefited.
- Open Shed, Mokha Parking: 2000 people benefited.
  Open Shed, Tuna: 600

5800

people benefited.



#### Infrastructure Improvements

- Pipe Culvert, Old Bandar: 1200 people benefited.
- Box Culvert & CC Road, Zarpara: 12000 people benefited.
- Approach Road, Shekadiya
   & Luni: 1200 people
   benefited.
- Approach Road, Vadi Vistar: 800 farmers benefited.





#### Water Management Projects

- Percolation Well, Mota Bhadiya: 80 farmers benefited.
- Percolation Bore Cleaning, GPVC Villages: 3150 farmers benefited.
- Pond Deepening & Road Cleaning, GPVC Villages: 6KM cleaned.





#### Sanitation and Health Initiatives

- R.O. Plant, ITI Mundra & Sanjivni School: 800 students benefited. Toilet Block for Disabled, GPVC Villages: 5 families benefited
- Painting & Office Work, CHC Mundra: 14600 people benefited.

15430

## Community Resource Centre

The Community Resource Centre (CRC), located at the Adani Field Office in Baroi, serves as a vital bridge between government schemes and the beneficiaries who need them most. Functioning as a single-window solution, the CRC provides support for online applications and documentation, ensuring that eligible individuals can access various welfare schemes with ease.

Through the facilitation efforts of the Adani Foundation, a total of 2,334 beneficiaries are currently receiving aid under multiple government programs, including Widow Pension, Senior Citizen and Divyang Pension, and the Palak Mata Pita Scheme. This support results in a combined aid of Rs. 3.37 crore monthly.

> Rs. 3.37 crore monthly aid to 2,334 beneficiaries







Government Scheme Facilitation					
Sr. No	Scheme Detail	Gov. Support Rs/Month.	Total Beneficiaries	Total Amount per Month (INR)	
1	Widow Pension	1250	762	24785100	
2	Bal seva Ayog	2000	49	3430000	
3	Divyang pension	1000	35	670000	
5	Niradhar Pension	1000	160	4163000	
6	Palak Mata Pita	3000	5	696000	
7.	Bus pas	Free ST	481		
8	Divyang Govt sadhan sahay	-	175	-	
9	Divyang certificate	-	667	•	
Total			2334	316444100	

## Swavlamban

"A step towards inclusivity"

## 'Mangal Seva' for **Divyang Women**

#### What is 'Mangal Seva' initiative?

On the auspicious occasion of Jeet Adani Sir's wedding, 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.





Under this initiative. the Adani foundation has pledged annual financial assistance of ₹10 lakh to 500 married female divyangs.



## ₹10 lakh support to 500 female divyangs



## Impact

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

## Advancing Sustainable Mobility: Electric Vehicle Initiative

Adani Foundation has introduced a highly advanced electric vehicle (New Motion Company) support program, a significant step towards sustainable and inclusive mobility.

48 Divyangs

Advance Electric vehicle support to



## Livelihood tools support to divyangs

Independence, dignity, and sustainable income opportunities to 50 Divyangs

### Till date endeavor

AF livelihood support to 1140+ Divyangs

2104 divyangs in availing 3144 Government services

Through community outreach, 50 beneficiaries were identified and supported through electric tricycles, wheelchairs, and manual tricycles to enhance mobility, along with other livelihood support such as sewing machines, electrician kits, and handcarts to promote selfemployment. Customized support ensured tools matched individual needs.

Supported



The Adani Foundation announced the **support of 1,152 technical kits to divyang students across all ITIs in Gujarat** and showcased its decadelong journey of supporting divyang individuals, particularly in Kutch. As part of this significant event, we also launched the book Swavalamban, which captures the entire journey of the Adani Foundation's initiatives for people with disabilities. The book also features the inspiring case studies of individuals who, with our support, have achieved financial self-sustainability.

Chief guest Bhanuben Babariya (Cabinet minister, Social Justice & Empowerment, Gujarat), along with other dignitaries, praised the Foundation's efforts.

Mr. Jeet Adani sir, Director of Adani Group, emphasized the group's unwavering dedication to empowering divyang persons through sustainable initiatives in areas like education, skill development, and livelihood opportunities.

## World Divyang Day Celebration - 2024

## ADANI SKILL DEVELOPMENT CENTER

The Adani Skill Development Center (ASDC) in Bhuj and Mundra is dedicated to creating a future fueled by a skilled and empowered Indian workforce, driving economic growth. Focused on bridging the gap between industry demands and workforce capabilities, ASDC offers high-quality vocational training, fosters innovation, and promotes entrepreneurship. The center's impact is significant, with 887 students in Bhuj & Mundra, where 70% of participants are female, and 258 technical trainees already placed in diverse roles such as General Duty Assistant and Domestic Data Entry Operator etc. Six placement drives and 24 guest lectures have further supported career opportunities. In Mundra, courses like RTG Crane Operator, Tally with GST, and Beauty Therapist training have drawn strong participation, especially among women, resulting in 135 placements in beauty therapy alone. 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.

## Catalysts of Change: Empowering Lives, Creating Opportunities



ASDC aims to empower youth with essential skills, fostering economic growth and enhancing employability through strategic training programs. Educating youth on the importance of skill development through workshops, seminars, and community engagement initiatives. Offering a variety of skill enhancement programs tailored to industry needs, ensuring participants gain relevant and

Utilizing a professional framework to design and deliver training, ensuring quality and consistency across all programs

Facilitating job placements for trained individuals, measuring the impact on local employment rates and economic development.



## ASDC - MUNDRA

Course Name	Female	Male	Total
JOC (RTG Crane Operator)	00	140	140
DDEO	30	14	44
Tally with GST	01	00	01
Beauty Therapist	134	00	134
Painting/Drawing Training	06	09	15
German Language	02	00	02
Advance Excel	01	10	11
Mud Work	40	00	40
Dori Work	40	00	40
Total	254	173	427

## ASDC - BHUJ

Course Name	Female	Male	Total
GDA	140	20	140
DL	07	00	07
EDP – Tie up with CED	40	05	45
Skill Up gradation	90	60	150
Domestic Data Entry Operator	61	01	62
First Aid	31	05	36
Total	369	91	460

## Empowering Skills for a Brighter Future



## Adani Foundation's Flood Relief Efforts in Mundra Taluka

In late August 2024, Gujarat faced severe flooding caused by a deep depression that intensified into Cyclonic Storm Asna. The Mundra region of Kutch was severely affected by this natural disaster. In response to the critical situation, the Adani Foundation initiated an extensive relief operation to support the communities in Mundra Taluka.



### Emergency Food Aid



- 1,000 food packets distributed to stranded truck drivers in the APSEZ area.
- 500 food packets provided to 6 labor colonies, supporting workers and their families.
- 1,000 food packets delivered to the Sub-District Magistrate's office for the local population.
- 1,200 ration kits supplied to the Municipality of Mundra.

#### Health Care Support

- Medical camps organized to address flood-related health issues.
- 157 patients treated for skin diseases, fever, and cold in labor colonies and affected areas.
- Health awareness sessions conducted to prevent the spread of diseases.

#### Civil Work & infrastructure Recovery

- Machinery and logistical support provided to the Municipality and Farmer groups.
- Assistance accelerated debris clearance and infrastructure restoration efforts.

The Adani Foundation's quick response and comprehensive relief efforts provided much-needed support to the people of Mundra Taluka, helping them recover from the devastation caused by the floods. Through food distribution, health care, and civil work, the foundation played a vital role in rebuilding the community.

## Employee Volunteer Program

## **Caring for Thalassemia Children**

On the occasion of the Adani Foundation's 28th anniversary, employees came together in a heartfelt gesture to support children battling thalassemia. As part of the Employee Volunteer Program, nutritional kits were distributed to **153 thalassemia patients** on August 11, 2024, bringing comfort and hope to these young fighters. This initiative highlights the power of collective compassion, with employees extending their care beyond the workplace to make a meaningful difference in the lives of vulnerable children.

The event was graced by Mr. Dipeshbhai Shroff (President, Kutch Navnirman Abhiyan) and Mr. Dilipbhai Deshmukh (Social Leader and Organ Donor), who applauded the spirit of volunteerism and community service demonstrated by Adani employees.



# Annexure – 6



#### Application : CtE:CTE-Ammendment, No. 328329 Dt. 11/03/2025, Granted On: 03/04/2025

PCB ld:74006

To,

<u>M/s. Adani Ports and Special Economic Zone Limited,</u> Adani Ports \u0026 SEZ Limited, Mundra, Kutch - 370421 (Gujarat),City : Mundra, Dist : Kutch East, Tal : Mundra, SIDC : MPSEZ Phone : 6359981629

SUB: Consent to Establish (NOC) under Section 25 of

**REF:** Your Application No.(CtE:CTE-Ammendment) 328329 and Dated 11/03/2025

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution) Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way, this is to inform you that this Board grants Consent to Establish for setting up of an industrial plant/activities at Adani Ports \u0026 SEZ Limited, Mundra Kutch - 370421 (Gujarat), Mundra, Mundra , Kutch East, Phone No. 6359981629 for the manufacturing of the items/products as mentioned in the detailed order \*\*\*.

The Validity period of the order will be Five Years from the date of issue of CTE (NOC) order.

1. CTE Order No:	CTE-81725	Valid Upto:	12/03/2032

2. All Conditions under the shall be Applicable to you as mentioned in the detailed Consent Order \*\*\*

## Approved CETP:Not Linked to any CETPApproved TSDF:Bhachau-Saurashtra Enviro Projects Pvt. Ltd[28203]

#### 3. GENERAL CONDITIONS :-

a) This order is provisional order and detailed order is considered as final.

b) All the conditions and provisions under the Water Act 1974, the Air Act 1981 and the Environment (Protection) Act – 1986 and the rules made there under shall be complied with\*.

c) All the conditions and provisions under the Hazardous Waste (Management, Handling and Trans boundary Movement) Rules 2008 as amended shall be complied with\*.

d) The concentration of Noise in ambient air within the premises of industrial unit shall not exceed following levels:

Between 6 A.M. and 10 P.M.: 75 dB (A)

Between 10 P.M. and 6 A.M.: 70 dB (A)

e) In case of change of ownership/management the name and address of the new owners / partners/ directors/ proprietor or equipment or working conditions as mentioned in the consents form/ order should immediately be intimated to the Board.

f) Industry shall have to display data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including waste water and air emissions and solid hazardous wastes generated within the factory premises.

g) Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is atleast 1000 trees per acre of land and a green belt of 5 meters width is developed.

h) The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of water cess to the Board under the Water Cess Act- 1977.

i) The applicant shall obtain membership of common infrastructure for disposal of effluent / Hazardous waste.

j) The applicant shall however, not without the prior consent of the Board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this Board for this purpose in the prescribed forms under the provisions of the Water Act-1974, the Air Act-1981 and the Environment (Protection) Act-1986.

k) If it is established by any competent authority that the damage is caused due to their industrial activities to any person or his property, in that case they are obliged to pay the compensation as determined by the competent authority.

\*\*\* Note : ACT-Specific, Industry-specific, Area-specific Conditions alongwith Product, Waste water effluent details shall be precisely mentioned in the DETAILED Consent Order

\*\*\* Note : This is only provisional communication. The final Consent/Authorization in hard copy with duly signed by competent authority shall the final and valid Consent/Authorization.

For and on behalf of Gujarat Pollution Control Board

M. Thaker.

(Member Secretary)

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# Annexure – 7



Sr. Activity			Cost incurred (INR in Lacs)		
NO.		2022 - 23	2023 - 24	2024 - 25	2024 - 25
1.	Environmental Study / Audit	7.32	22.67	40.46	27
	and Consultancy				
2.	Legal & Statutory Expenses	12.32	8.60	17.37	13
3.	Environmental Monitoring Services	15.32	13.37	17.27	19.20
4.	Hazardous / Non-Hazardous Waste Management & Disposal	104.035	130.11	122.46	172.40
5.	Environment Days Celebration and Advertisement / Business development	2.53	3.42	1.85	4.00
6.	Treatment and Disposal of Bio- Medical Waste	2.29	2.28	2.39	2.28
7.	Mangrove Plantation, Monitoring & Conservation	35.0	15	0	0
8.	Other Horticulture Expenses	956	904	570	831
9.	O&M of Sewage Treatment Plant and Effluent Treatment Plant (including STP, ETP of Port & SEZ & Common Effluent Treatment Plant)	141.33	186.94	164.31	195.41
10.	Expenditure of Environment Dept. (Apart from above head)	90.136	80.39	93.40	75.92
	Total	1366.28	1366.78	1029.51	1340.21

#### Cost of Environmental Protection Measures
# Annexure – 8



Government of India ethno de alle dever Ministry of Commerce & Industry hybror de festice gen deve (tal) Petroleum & Explosives Safety Organisation (PESO) Set effen, sei trenge, vess, ether- 390012 Sth Floor, Park Paradise, Vadear, Vadear, Vadear - 390012

> E-mail : Jtoce.vadodara@exploalves.gov.in Phone/Fax No : 0265 - 2361035

ther/No. : P/ISQ/GJ/16/2056 (P12366)

freim/Dated : 07/10/2024

M/s. M/s. Adani Ports & Special Economic Zone Limited, Adani House, Post Bag No. 1, Mundra - 370 021, Mundra, Talukai Mundra, District; KUTCH, State: Gujarat FIN: 370021

few/Sub : Plot No, -, MUNDRA, Mundra, Mundra, Taluka: Mundra, District: KUTCH, State: Gujarat, PiN: 370421 & her fearer tighner et A,B,C offerer if apple e P/IIQ/GJ/15/2050 (P12369) is effect is ded if: Existing Petroleum Class A,B,C Installation at Plot No, -, MUNORA, Mundra, Mundra, Taluka: Mundra, District: KUTCH, State: Culture PM, Content A, B,C Installation at Plot No, -, MUNORA, Mundra, Mundra, Taluka: Mundra, District: KUTCH, State:

Existing Petroleum Class A,B,C Installation at Piot No. -, MUNORA, Mundra, Mundra, Taluka: Mundra, District: KUTCH, Blate: Oujarat, PIN: 370421 - Licence No. P/HG/GJ/15/2050 (P12369) - Renewal regarding.

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in:1/[a]

yrret servic or sente OIN1783395 fonte 01/10/2024 er sendere ut ;

Please refer to your letter No.: OIN1763395, dated 01/10/2024

regefs water P/HQ/GJ/18/2050 (P12368) feater 20/02/2019 of form 31/12/2028 we within a service or is service of a coll a

Licence No. P/HQ/QJ/18/2050 (P12369) dated 20/02/2019 is forwarded herewith duty renewed upto 31/12/2029.

prechibites free 2002 is write were rection 148 if it relations at word is store wit : separa is observing store constraints an angelant income with its late is we is we 30 for opt Jt. Chief Controller of Exploratives, Vadedara workes at the wit :

Please follow the procedure strictly as laid down in rule 148 of the Petroleum Rules, 2002 and submit complete documents for the Renewal of the hoence to JL Chief Controller of Explosives, Vadodara, so as to reach his office on or before the date on which Licence expires.

you wont to

Please acknowledge the receipt.

well\*/Yours faithfully,

((herein far) (Tejveer Singh)) se Broker Bingh)) Dy. Controller of Explosives phone use feature For Jt. Chief Controller of Explosives when/Vadodara

# Note:-This is system generated document does not require signature.

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10/07/2024

dirwin (Fee Rs.) 160000/- per year

#### sen XV (sen apph as apès 6 tên) FORM XV (see Article 6 of the First Schedule)

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LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

High K. (Licence No.) : P/HQ/QJ/15/2050(P12369)

M/s. M/s. Adami Ports & Bpecial Economic Zone Limited, Adami House, Poet Bag No. 1, Mundra - 370 021, Mundra, Taluka: Mundra, District: KUTCH, Btate: Gujarat, PIN: 370021 et leur set er nitity of sits werst 0 typines 321192,00 KL anno set to first sits add supplies were new P/HQ/QJ/15/2050(P12360) with 23/05/2012 of leurit errors 4, if fears represente to stransport to first hybrid rest add supplies address, 1934, le pont et sets and sort and an an work it address of leurit errors to stransport to first hybrid address of leurit errors and address of the set of the s

Licence is hereby granted to M/s. M/s. Adant Ports & Special Economic Zone Limited, Adant House, Post Bag No. 1, Mundra - 370 021. Mundra, Taluka: Mundra, Districti KUTCH, State: Gujarat, PIN: 370021 valid only for the importation and storage of 321192.00 KL Petroleum of the class and guantities as herein specified and storage thereof in the place described below and shown on the approved plan No PHIQ/G./15/2050(P12369) dated 23/06/2012 statched herets subject to the provisions of the Petroleum Act, 1034 and the rule made thereunder and to the further conditions of this Licence.

we work 31st day of December 2629 on years4.

The Licence shall remain in force till the 31st day of December 2029

Ighteen an Reserv /Deacription of Petroleum	light in (fishisti i) /Quantity licenced in KL
rf w vys tipfrow /Petroleum Class A in bulk	277661.00 KL
if e sige tightee 8 feet /Petroleum Class A, otherwise than in bulk	NIL
rf wsge tigfleer /Petroleum Class B in bulk	29021.00 KL
fir výr téfina á fan /ffetroleum Glass B, otherwise than in bulk	MIL.
f sige lighter/Petroleum Class C in bulk	14510.00 KL
It is sign lightener in free /Petroleum Class C, otherwise than in bulk	NIL.
ger serer /Total Gapacity	321192.00 KL

November 17, 1865

- 1). Amendment dated 23/01/2006 2). Amendment dated - 13/04/2007 3). Amendment dated - 19/10/2010 4). Amendment dated - 03/10/2011 5). Amendment dated - 26/11/2013 9). Amendment dated - 13/03/2015 7). Amendment dated - 18/07/2016
- Amendment dated 06/10/2017
- 0). Amendment dated 11/10/2018
- 10). Amendment dated 20/02/2019

#### segue whoil we firster add assess

## DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

ergen sheet fease sheet and febrer and angles with 8 feast of 8 Plot No: -, MUNDRA, Mundra, Mundra, Taluka: Mundra, District: KUTCH, State: Gujarat, PIN: 370421 verv v: angles 8 me sell feadefer 71 Above Ground tank(s) for CLASS A , 6 Above Ground tank(s) for GLASS B , 3 Above Ground tank(s) for CLASS C , shelter 8 (

The loonsed premises, the layout , boundaries and other particulars of which are shown in the attached approved plan are situated at Plot No: -, MUNDRA, Mundra, Mundra, Taluka: Mundra, District; KUTCH, State: Gujaret, PIN: 370421 and consists of 71 Above Ground tank(s) for GLASS A , 6 Above Ground tank(s) for GLASS B , 3 Above Ground tank(s) for GLASS C , together with connected facilities.

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Chief Controller of Explosives

10/07/2024

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## arggf@r wheen-(Licence No.) P.04GPGJ/16/2080 (P12369)

# HARD BRACE FOR ENDORSEMENT OF RENEWALS

Bothers shiften, you is grawin to only address with m front or get argents of soil in order a shift of get if the argents fore if first first ge is be an energies of the renewable without any concession in fee for len years in the absence of contravention of any provisions of the Patroleum Aut, 1934 or of the rules trained thereunder or of any of the conditions of this loance.	ਜਰੀਜ਼ਾਰਜ ਕੀ ਨਾਹੇਸ਼ Date of Honewal	सम्प्रापित की सात Date of Expiry of licer	her organics softworth to memory offer score Bigmature and office stamp of the loancing authority.
1).	17/11/2005	31/12/2008	5d/- PESO ADMIN
2).	01/12/2008	31/12/2011	Sd/- R. Rawat
3).	29/11/2011	31/12/2014	Sd/- Dr 5. Kamal
4).	18/09/2014	31/12/2017	Bd/- T R Thomas Ghief Controller of Explosivea Negpur
6).	22/09/2014	31/12/2024	5d/- T R Thomas Chief Controller of Explosives Negpur
6).	07/10/2024	31/12/2020	Telveer Singh Dy. Controller of Explosives For JI. Chilef Controller of Explosives Vedodara

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Digitally eigned by TEJVEER Brucht Reason: Licence Ro. ( PHH2/GJ/16/2050 Location: Vadodara (\* 12568) Date/07-10-2024 13(17)47 /M  ${\rm M}_{\rm M}$