

#### APSEZL/EnvCell/2025-26/019

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, 5th Floor, Near CH-3 Circle, Sector - 10A Gandhinagar - 382010.

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Sub : Half yearly Compliance report for Environment and CRZ Clearance for the "Multi Product SEZ, Desalination, Sea Water Intake, Outfall Facility and Pipeline at Mundra, Dist. Kachchh, Gujarat of M/s. Adani Ports and SEZ Limited"

#### Ref

Environment and CRZ clearance granted to M/s Adani Ports and SEZ Limited vide letter dated 15th 1. July 2014 bearing MoEF&CC letter No. 10-138/2008-IA.III.

Date: 24.05.2025

- 2. MoEF&CC's Order dated 18.09.2015
- 3 Amendment in EC & CRZ Clearance vide letter dated 15th July 2022 bearing MoEF&CC letter No. 10-138/2008-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.
- 2) The Zonal Officer, Regional Office, CPCB Western Region, Parivesh Bhawan, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara - 390023.
- 3) The Member Secretary, GPCB Head Office, Paryavaran Bhavan, Sector 10 A, Gandhi Nagar 382010.
- 4) The Director, Forests & Environment Department, Block 14, 8th floor, Sachivalaya, Gandhi Nagar 382010.
- 5) The Regional Officer, Regional Office GPCB (Kutch-East), Gandhidham 370201.

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### Environmental Clearance Compliance Report



Multi Product SEZ, Mundra, Dist. Kutch, Gujarat

Adani Ports and SEZ Limited

For the period of October-2024 to March-2025



From : Oct'24 To : Mar'25

Status of the conditions stipulated in Environment and CRZ Clearance

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Status of the conditions stipulated in Environment and CRZ Clearance

### EC and CRZ Clearance Compliance Report



From : Oct'24 To : Mar'25

Status of the conditions stipulated in Environment and CRZ Clearance

M/s. APSEZ has been granted Environmental / CRZ clearance vide letter no. 10-138/2008-IA.III, dated 15<sup>th</sup> July, 2014 for development of "Multi Product SEZ, Desalination, Sea Water Intake, Outfall Facility and Pipeline".

Activities / Facilities approved are as below:

Facilities / Components Approved	Capacity	Status as on 31.03.2025			
Desalination Plant	150 MLD	Construction has not been started.			
Sea water Intake & Outfall Facility	375 MLD: Intake 241 MLD: Outfall	Construction has not been started.			
Common Effluent Treatment Plant	17 MLD	MPSEZ Utilities Ltd. (MUL) has been granted environmental clearance for CETP having 17.0 MLD capacities. Out of which at present one module of CETP having 2.5 MLD capacities has been constructed and is in operation.			
	50 MLD	Construction has not been started.			
Social Infrastructure Projects		Adani Mundra SEZ Infrastructure Pvt. Ltd. (AMSIPL) has granted environmental clearance for township and area development project in 255 Ha. Out of approved 10,000 no. of residential units, 1917 units are constructed.			
Sewage Treatment Plant	62 MLD	APSEZ has installed Sewage Treatment Plant @ 2.835 MLD (335 KLD SEZ-STPs + 2.5 MLD AMSIPL-STP) Capacities within SEZ for treatment of sewage generated from port user buildings.			
Airstrip		Airstrip has been developed within SEZ area after obtaining requisite permissions.			
Municipal Solid Waste Site		Material Recovery site is provided for the management of Municipal Solid Waste.			
Free Trade & Ware House Zone (FTWZ)		Construction is completed and in operation.			

Other utility developments and modification, as a part of SEZ, to facilitate various units coming as a part of SEZ are being done on continuous basis.

#### Note:

Environmental / CRZ clearance has been granted for additional facilities like Processing Zones, Non-processing Zones, Warehousing Zones, Road Network (Trunk as well as Internal), Bridges or Culverts over natural drain, Rail Network, IT-Telecommunication Network, Electric Network, Water Supply, Conservation & Drainage Network, Effluent Collection Network and Utilities & Supporting Infrastructure within SEZ area.



From : Oct'24 To : Mar'25

#### Status of the conditions stipulated in Environment and CRZ Clearance

Boundary wall is constructed along the project periphery. In some of areas level raising and area development of SEZ area, wherever required is also under progress.

APSEZ has been granted Environment and CRZ clearance for 'Expansion of notified Multiproduct SEZ by adding 1840 Ha notified SEZ with existing approved area of 6641.2784 ha to make it 8481.2784 ha at Mundra vide letter no. F. No. 10-138/200E-IA.III, dated 12<sup>th</sup> February, 2020. (Compliance report of the said EC & CRZ clearance is being submitted separately)

\*Inline to the APSEZ's request, Ministry of Commerce & Industry (MoCl) vide Gazette order dtd. 4<sup>th</sup> July 2019 has de-notified 46.6894 from total area of 8481.2784 Ha, thereby making resultant area of notified Multiproduct SEZ as 8434.5890 Ha.

\*\*After that Inline to the APSEZ's request, Ministry of Commerce & Industry (MoCl) vide Gazette order dtd. 29<sup>th</sup> November, 2021 and 21<sup>st</sup> September, 2022 has de-notified 200.405 Ha from total area of 8434.5890 Ha, thereby making resultant area of notified Multiproduct SEZ as 8234.184 Ha. Copy of MoCl Gazette Notification dated 21<sup>st</sup> September, 2022 submitted during the last compliance period Apr'22 to Sep'22.

\*\*After that again Inline to the APSEZ's request, Ministry of Commerce & Industry (MoCl) vide Gazette order dtd. 11<sup>th</sup> February, 2025 has de-notified 333.7396 Ha from total area of 8234.184 Ha, thereby making resultant area of notified Multiproduct SEZ as 7900.4444 Ha. Copy of MoCl Gazette Notification dated 11<sup>th</sup> February, 2025 is attached as **Annexure - i**.

APSEZ has been granted for Amendment in Specific Conditions of EC & CRZ Clearance vide File No. 10-138/2008-IA.III, dated 15<sup>th</sup> July, 2022.



From : Oct'24 To : Mar'25

#### Status of the conditions stipulated in Environment and CRZ Clearance

#### List of Industrial Units within SEZ area

SN	Name of SEZ Unit	Business	Status
1	GSPC LNG Limited	Regasification of LNG	Operational
2	The Adani Harbour Services Pvt Ltd	Service Provider	Operational
	The Addin Hardour Services PVL LLU	Marine Operations	Operacional
3	Moana Impex	Trading Service	Operational
4	Borochemie India Private Limited	Trading Unit	Under Construction
5	Mundra Crude Oil Terminal Private Limited	Warehousing of Crude Oil	Under Construction
6	Adani Container Terminal Limited Unit I	Container Terminal Operations	Under Construction
7	Adani Container Terminal Limited Unit II	Container Terminal Operations	Under Construction
8	Mumbai Travel Retail Pvt Ltd	Trading Service	Operational
9	Dorf Ketal Chemical India Pvt. Ltd.	Chemical	Operational
10	Garg Tubes Export LLP Ltd.	Chemical	Operational
11	Gujarat Credo Alumina Chemicals Pvt. Ltd	Chemical	Operational
12	Mundra Oil Pvt Ltd (Unit I)	Chemical	Operational
13	Mundra Oil Pvt Ltd (Unit II)	Chemical	Operational
14	Oriental Carbon & Chemicals Pvt. Ltd.	Chemical	Operational
15	Jesons Techno Polymers LLP	Chemical	Operational
16	Mundra Petrochem Limited Unit I	Chemical	Under Construction
17	Mundra Petrochem Limited Unit II	Chemical	Under Construction
18	Shital Metallics ans Additives LLP	Chemical	Under Construction
19	Adani Container Manufacturing Ltd	Container Manufacturing	Under Construction
20	Avesta Engineering Pvt. Ltd.	Engineering	Under Revival of LoA
21	MD Equipments Pvt. Ltd.	Engineering	Operational
22	Thermax Babcock and Wilcox Energy	Engineering	Operational
23	JNK India Pvt Ltd	Engineering	Operational
24	Britannia Industries Ltd.	Food Products	Operational
25	Hehong Paper India Technology Pvt Ltd	Paper	Operational
26	Ahlstorm Munksjo Fibercomposites India Pvt. Ltd.	Textile	Operational
	Audax Protective Fabrics Pvt Ltd (Previous Name:		'
27	Ashapura Garments Ltd)	Textile	Under Construction
28	Anjani Udyog Pvt. Ltd.	Textile	Operational
29	Bombay Bazar Readymade Garments Unit I	Textile	Operational
30	Bombay Bazar Readymade Garments Unit II	Textile	Operational
31	Skaps Industries India Pvt. Ltd (Unit-I)	Textile	Operational
32	Skaps Industries India Pvt. Ltd (Unit-II)	Textile	Operational
33	Terram Geosynthetics Pvt. Ltd.	Textile	Operational
34	Anya Composite Private Limited	Textile	Operational
35	Adani Enterprise Limited	Trading Unit	Operational
36	Planets F&B Park	Trading Unit	Operational
37	Ruby Shipping	Trading Unit	Operational
38	Suresh Biz Globe	Trading Unit	Operational
39	Adani CMA Mundra Terminal Pvt Ltd.	Warehouse	Operational
40	Adani Warehousing Services Pvt Ltd. Unit I	Warehouse	Operational
41	Adani Warehousing Services Pvt Ltd. Unit II	Warehouse	Under Construction
42	Empezar Logistics Pvt.Ltd.	Warehouse	Operational
43	Fast Track CFS Pvt. Ltd.	Warehouse	Operational
44	Kerry Indev Logistics Pvt. Ltd.	Warehouse	Operational
45	Oil Field Warehouse & Services Pvt. Ltd.	Warehouse	Operational
46	OWS Warehouse Services LLP	Warehouse	Operational
47	Safal Logistics LLP	Warehouse	Operational
48	Steinweg Sharaf India Pvt Ltd.	Warehouse	Operational
49	Sea Shore Logistics	Warehouse	Operational
50	Rudraksh Terminal LLP	Warehouse	Operational
		Warehouse	Operational
51	Adani Logistics Limited	warenouse	Operational



From : Oct'24 To : Mar'25

53	Shivansh Terminals LLP	Warehouse	Operational
54	Holistic Global Corporation	Warehouse	Operational
55	Adani Warehousing Services Pvt Ltd. Unit III	Warehouse	Under Construction
56	Adani Bulk Terminals (Mundra) Ltd	Warehouse	Under Construction
57	Adani International Container Terminal Pvt. Ltd.	Warehouse	Operational
58	Adani Renewable Energy (KA) Ltd.	Wind Energy	Operational
59	Fast Track CFS Pvt. Ltd.	Warehouse	Operational
60	Konic Expo Private Limited	Trading and Warehousing Unit	Under Construction
61	DS Port Services	Warehousing Unit	Under Construction
62	APMuL (Adani Power Mundra Limited)	Thermal Power Plant	Operational
63	AMSIPL (Adani Mundra SEZ Infrastructure Pvt. Ltd)	Social Infrastructure	Operational
64	MITAP (Mundra Integrated Textile And Apparel Park Pvt. Ltd)	Textile Apparel Park	Operational
65	MUL (MPSEZ Utilities Ltd)	CETP and DISCOM	Operational
66	DB Hospitality	Hotel	Non-Operational
67	AICTPL (Adani International Container Terminal Pvt. Ltd)	Container Terminal	Operational
68	AHMPL (Adani Hospital Mundra Pvt. Ltd)	Multi-Speciality Hospital	Operational
69	MIAPL (Mundra International Airport Pvt. Ltd.)	Airstrip	Operational
70	HHPL (Hirise Hospitality Pvt. Ltd)	Hotel	Operational
71	Kevalam Foundation and Calorx Foundation Trust	School	Operational
72	Eon Hinjewadi Infrastructure Pvt. Ltd.	Hotel	Non-Operational
73	ITI-Mundra (Govt. of Gujarat)	ITI	Operational
74	Mundra LNG Ltd.	Gas Distribution	Operational
75	Gujarat State Petronet LNG Limited	LNG Terminal	Operational
76	Adani LPG Terminal Pvt Ltd (MLTPL)	LPG Terminal	Operational
77	Sarguja Rail Corridor Pvt Ltd.	Rail Corridor	Operational
78	Adani Total Gas Limited.	Gas Distribution	Operational
79	Blue Star Realtors Ltd.	Integrated Solution (Redi met Facility)	Under Construction
80	Monarch Skyline	Hotel	Under Construction
81	Arsan Infra Ltd.	Infrastructure Developer	Under Construction



From : Oct'24 To : Mar'25

Status of the conditions stipulated in Environment and CRZ Clearance

# Compliance Report of Environmental and CRZ Clearance



From : Oct'24 To : Mar'25

**Status of the conditions stipulated in Environment and CRZ Clearance** 

Compliance report of Environment Clearance for the project "Multi Product SEZ" and CRZ Clearance for the project "Desalination, Sea Water Intake, Outfall Facility and Pipeline at Mundra, Dist. Kachchh, Gujarat of M/s. Adani Ports and SEZ Limited" vide MoEF letter No. 10-138/2008-IA.III dated 15<sup>th</sup> July, 2014.

Sr. No.	Conditions	Compliance Status as on 31-03-2025
Part	- A: Specific Conditions	
i.	PP shall abide by the final order/decision of Hon'ble	Point noted and will be complied.
	Supreme Court in SLP (Civil) no. 1526/2014 and connected matters.	Vide order dated 14.07.2014, the Hon'ble Supreme Court directed MoEF&CC to complete the process of environmental clearance to the MSEZ project of APSEZ within eight weeks. MoEF&CC issued EC and CRZ clearance to the proposed project vide letter dated 15.07.2014. Hence, the SLP (Civil) no. 1526/2014 is deemed closed. Details of the same were submitted along with EC Compliance report for the period Apr'18 to Sep'18.
ii.	, , , , , , , , , , , , , , , , , , ,	Complied.
	river and the mangroves area in the area.	This reply covers condition no ii, iii, ix, x, xi, xii & xiii.
		<ul> <li>Conservation of creeks and rivers:</li> <li>The prominent creek system (main creeks and small branches of creeks) in and around APSEZ are: (1) Kotdi (2) Baradimata (3) Navinal (4) Bocha (5) Mundra (Oldest port (Juna Bandar) leading to Bhukhi river).</li> <li>Rivers passing through the APSEZ area are: (1) Khari (2) Nagmati (3) Phot (4) Bhukhi (5) Dhaneshwari (6) Buchiya (7) Jidal.</li> <li>All the rivers passing through the SEZ area are dry throughout the year except for monsoon season.</li> <li>All creeks as well as rivers are in existence allowing free flow of water and there is no filling or reclamation of any creek or river area. APSEZ has so far constructed 19 culverts having total length of approx. 1100 m with total cost of INR 20 Crores. Three RCC Bridges have also been constructed over Kotdi creek with total length of 230 m and cost of INR 10 Crores. Details were submitted along with compliance report submission for the</li> </ul>



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025					
		<ul> <li>period of Apr'17 to Sep'17.</li> <li>This aspect is also confirmed from the study NCSCM in 2017-18, which highlights to bathymetry data of the entire coast around APSI.</li> <li>From the bathymetry data it can be concluded to there are sufficient depths at the creek mou and all creek mouths are open allowing flushing water.</li> <li>From the APSEZ operations, there is no discharged any sewage or effluent to the water streams.</li> </ul> Summary of Conservation of mangroves:			ights the ind APSEZ. cluded that ek mouths flushing of discharge		
			ngrove apping	Monitoring Agency	Mangrove cover total	_	ve cover area
		2	<b>Year</b> 2011 011 to	NCSCM	Area (Ha.) 2094 2340	<b>Hac.</b> - 246	<b>%</b> - 11.75%
		20	016-17 017 to 019 till	NCSCM	2596	256	10.94%
		20 20	Narch 019 to 021 till	GUIDE	2723	127	4.89%
			larch Total		2723	629	••
		As a mang	k syste to 2021 part d grove	m in and a (2723 Ha) of GCZMA conservat	ise in mangro eround APSEZ is <b>629 Ha (30</b> recommendat ion action p ring activities.	from 2 <b>%).</b> tions ar	2011 (2094 and NCSCM
		Sr. No	Recom	mendation s	Con	npliance	
		1.			<ul> <li>APSEZ entrust to carry or mangrove dist and around A changes in Bod</li> <li>As a part of growth of man in and around comparing God 2017 &amp; 2019 that there</li> </ul>	ut Mon ribution PSEZ an cha island this str groves ir APSEZ w ogle eart	itoring of in creeks in in d shoreline d. udy, overall in the creeks as assessed h images of is observed



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
INO.		mangrove cover between March 2017 and September 2019 to the extent of 256 Ha, which is about 10.94%.  This suggests that the mangroves and the tidal system in the creeks remain undisturbed over this period. Analysis of data between categories indicated that there was an increase in dense mangroves and also conversion of scattered to sparse which also shows that the growth of mangroves in a progressive direction.  Hence, there is an overall growth of mangroves in creeks in and around APSEZ, Mundra is 502 Ha between 2011 and 2019.  The cost of the said study was INR 23.56 Lacs incurred by APSEZ.  According to GUIDE Mangrove monitoring study report November 2023 (the report was submitted during the last compliance report submission Apr'23 to Sep'23).), the distribution of mangroves in Kotadi, Baradi mata, Navinal, Bocha and Khari creeks as well as in the Bocha island was studied using LISS IV satellite images for the duration of March 2019 to March 2021. The mangrove cover in the creeks in and around APSEZ showed a positive trend from March 2019 to March 2019 to the cover during the year 2019. The total mangrove cover during 2019 was 2670 ha which has increased to 2723 ha during the year 2021.  Hence, overall increase in mangrove cover area in creek system in and around APSEZ from 2011 (2094 Ha) to 2021 (2723 Ha) is 629 Ha (30%).  The cost of the said study was INR 23.60 Lacs incurred by APSEZ.



From : Oct'24 To : Mar'25

Sr. No.	Conditions		The state of the s	nce Status 1-03-2025	as on		
				Mangrove mapping Year	Mangrove cover total Area (Ha.)	Mang cover Incre	area
					, ,	Hac.	%
				2011 2011 to	2094	-	11.7
				2016-17 2017 to	2340	246	5% 10.
				2019 till March	2596	256	94
				2019 to 2021 till March	2723	127	4.8 9
				Total	2723	629	
		3.	Tidal observation in creeks in and around APSEZ	observation 2017 in Kot Bocha and guidance of The observe that the cre tidal range growth of m The cost o INR 1.0 Lac	di, Baradim Khari creek NCSCM. ed tidal ran eeks experi es, adequa nangroves. f the said s. d Prosop	ata, Na ks unde ges inc ence n te for activity	avinal, er the dicate ormal the was
			and Prosopis growth from mangrove areas	monitoring around ma encrustatio the mangr been remov The cost o Rs. 150000 The algal attached as	ngrove are n was found ove areas, red manually f the said O during F removal s Annexure	a and d in sor which y. activity Y 202 repor	algal me of has was 4-25.
		4.	Awareness of mangroves importance in surrounding communities	Adani Four Adani grou camps/activ community of mangrov provides G green fod Project is Cattels ar cattle products of the expension of the expe	p has done vities created regarding ves. Adani stood Quality der to 2 covering to the covering	e awari ted in impori Found ty dry 4 Vill cotal 1 enha Dry Fo - 51,66 mang surrou er supp	eness the tance lation and lages. 5005 ncing odder 5,805 roves nding



From : Oct'24 To : Mar'25

Sr.		Compliance Status as on					
No.	Conditions	31-03-2025					
		supporting activities was approx. 410.48 Lacs during FY 2024-25, which was incurred by APSEZ.  • Grass Land development: 213 acres of gauchar land has been cleaned and allocated for Grass land development with strong Community Contribution and Mobilization.  • Other than this dedicated security guard with gate system deployed by APSEZ across the coastal area and no any unauthorized persons allowed within coastal as well as mangrove areas.  • APSEZ has celebrated the International Day for the Conservation of the Mangrove Ecosystem on 24th to 26th July 2024 to raise awareness of the importance of mangrove ecosystems as "a unique, special and vulnerable ecosystem". The report for the same —was submitted during the compliance report submission for the period Apr'24 to Sep'24.  • Refer CSR report attached as Annexure — 2.					
		To comply with the GCZMA recommendations regarding mangrove monitoring at every 2 years, recently APSEZ has awarded the work order to NCSCM, Chennai vide order no. 4802055905, dated 24/09/2024 with cost 45.87 Lacs for mangrove mapping in and around APSEZ March 2021 to March 2023.  NCSCM has conducted ground truthing during 5 <sup>th</sup> to 7 <sup>th</sup> Mar'25 & 22 <sup>nd</sup> to 27 <sup>th</sup> Apr'25 in and around our APSEZ area for mangrove mapping & study work has been completed. Final Mangrove mapping report is awaited from NCSCM.					
iii.	Ensure that mouths of all the creeks are kept open to ensure	Complied.					
	flushing of the creeks.	• The prominent creek system (main creeks and small branches of creeks) in and around APSEZ are: (1) Kotdi (2) Baradimata (3) Navinal (4) Bocha (5)					



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		<ul> <li>Mundra (Oldest port (Juna Bandar) leading to Bhukhi river).</li> <li>All above creek mouths are open allowing free flow of water in to the creeks and surrounding areas and there is no filling or reclamation of any creek area.</li> <li>This aspect is also confirmed from the recent study of NCSCM which highlights the bathymetry data of the entire coast around APSEZ.</li> <li>From the bathymetry data it can be concluded that there are sufficient depths at the creek mouths and all creek mouths are open allowing flushing of water.</li> <li>Please refer Specific Condition no. ii for further details.</li> </ul>
V.	Bring the creeks to the condition as was seen in the satellite map of 2005 which will be a "reference" satellite map and a copy of which shall be sent to you separately.  Submit once in a year latest satellite map which can be compared with the reference satellite map of 2005 to ensure that no modifications in the creeks, rivers, mangroves and mouth of creeks have taken place.	Not applicable  This reply covers condition no iv, v, vi.  The stated conditions were stipulated in the EC and CRZ clearance with respect to the pending SCNs and based on Ms. Sunita Narain committee report. In continuation to the SCNs and subsequent submissions by APSEZ, MoEF&CC issued a final order vide letter dated 18.09.2015 (which disposed the pending Show Cause Notices). Full compliance of the directions issued vide the said order is provided as Annexure – B.
Vi.	Any direction issued by the MoEF with respect to the report submitted by Ms. Sunita Narain Committee shall be complied with by the Proponent as applicable.	It may be noted that the stated conditions related to the satellite image of 2005 are not imposed to APSEZ as part of the said order. Hence, APSEZ has made submission to MoEF&CC vide letters dated 23.05.2016 and 07.11.2016. Copies of the said letters were submitted along with compliance report submission for the period from Oct'16 to Mar'17. Further there are no directions from MoEF&CC.
vii.	At its cost get Inspection study done once in a year by the organizations like NEERI or any organization approved by this Ministry to - (i) ensure compliance of all the EC	Complied.  APSEZ has awarded the SO to CSIR - National Institute for Interdisciplinary Science & Technology, Thiruvananthapuram (Kerala) vide service order no. 5702022305, dated 25/12/2024 with cost 8.0 Lacs to



From : Oct'24 To : Mar'25

Sr.	Conditions	Compliance Status as on				
No.	Conditions			31-03-20	25	
	conditions (ii) development of SEZ meeting of the environment norms, and (iii) advise any mid-term correction that can be introduced depending on the recommendation of the independent Third Party.	condition.  The latest site visit has conducted on 7 <sup>th</sup> & 8 Apr'2025 for the compliance report verification of the period from Apr'24 to Sep'24 has reviewed by NIIS				
viii.	"Consent for Establishment" for	Cor	nplied.			
	the SEZ shall be obtained from Gujarat Pollution Control Board under Air and Water Act and a copy shall be submitted to the Ministry before start of any construction work at the site.	Consent to Establish (CtE) is obtained for the professor Gujarat Pollution Control Board vide their leno. GPCB/CCA-KUTCH-1044/ GPCB ID 314			e their letter ID 31463/ne same was Bhopal vide CtE was also ission for the CtO) granted	
		S. N	Permission	Project	Ref. No. /	Valid till
		<b>o</b> .	CTE-		Order No.	
		<u>'</u>	Amendment for Validity Extension	Multi-Product SEZ	CTE - 122249	15.07.2025
		2	CC&A – Renewal Cum Amendment	Multi-Product SEZ	AWH – 122250	21.08.2027
		3	ToR to CTE	Industrial Park/SEZ (1576.81 Ha)	CTE-79275	27.01.2032
		Ext 15/0	ension vide 07/2025. Co &A) – Rene	nsolidated Co wal Cum Am	-122249 onsent & A endment o	Valid upto: Authorization



From : Oct'24 To : Mar'25

Ca		Compliance Status as as
Sr. No.	Conditions	Compliance Status as on 31-03-2025
100.		21/08/2027. The copy of CTE-Amendment for Validity Extension and Consolidated Consent & Authorization (CC&A) – Renewal Cum Amendment was submitted during the compliance period Apr'22 to Sep'22.  GPCB has granted ToR to CTE for the development of 1576.81 Ha SEZ/IP as a part of expansion project of 8481.2784 Ha. vide CTE No79275 Valid up to: 27/01/2032. The copy of order is attached as Annexure – 4.
ix.	PP shall get detailed	Complied
	bathymetry done for all the creeks and rivers within Port and SEZ areas along with mapping of co-ordinates, running length, HTL, CRZ boundary, mangrove area including buffer zone through NCSCM /NIOT. PP shall also get prepared a detailed action plan for conservation and protection of creeks /mangrove area etc through NCSCM/NIOT and submit the same to GCZMA for their examination and recommendation. GCZMA will submit its recommendations to MoEF for approval.	Based on the MoEF&CC directions, APSEZ has entrusted NCSCM to carry out the detailed study. Scope of the study includes the following:  Detail bathymetry and topography survey of creeks Demarcation of mangrove areas and buffer zone
		<ul> <li>Demarcation of HTL and CRZ areas with coordinates</li> <li>Preparation of a comprehensive and integrated conservation plan for protection of creeks and mangroves</li> </ul>
		In order to complete the study, NCSCM has carried out number of site surveys which are mentioned below:
		<ul> <li>Bathymetry survey of creeks</li> <li>Topography survey of intertidal areas</li> <li>Mangrove survey (health and area demarcation)</li> <li>Sampling of soil and water for analysis of physico-chemical and biological parameters</li> <li>Tide and currents data collection (including residence time of tidal water) study</li> </ul>
		Based on the study, the following points can be summarized:
		<ul> <li>There is no obstruction to any water stream (creeks / branches of creeks / rivers)</li> </ul>



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		<ul> <li>The mangrove cover in the creeks in and around APSEZ showed a positive trend from March 2019 to March 2021, with an overall increase of 52.79 ha compared to the cover during the year 2019. The total mangrove cover during 2019 was 2670 ha which has increased to 2723 ha during the year 2021.</li> <li>Overall increase in mangrove cover area in creek system in and around APSEZ from 2011 (2094 Ha) to 2021 (2723 Ha) is 629 Ha (30%).</li> <li>Majority of the development at Mundra has happened between this tenure. Hence it can be interpreted that the infrastructure development has not left any adverse impacts on ecology.</li> <li>Please refer specific condition no. ii above for further details.</li> </ul>
X.	PP shall demarcate the CRZ area on land with GPS coordinates in consultation with GCZMA/ the agency which has done the HTL /LTL demarcation for the area. There shall be no allotment of plot/s in CRZ area to industries. No industrial activity within CRZ area except the port and harbor & the foreshore facilities shall be allowed as committed.	Being complied  CZMP of Kutch region has been finalized and published on GCZMA website in the Month of Feb-2022. NCSCM has issued final authorized maps for HTL and CRZ Boundary prepared in line with approved CZMP of Gujarat State as per CRZ Notification, 2011. The details of the same were submitted during the compliance period Oct'21 to Mar'22.  As per the approved map of CZMP Kutch region APSEZ has demarcated the HTL boundary line within
xi.	Till the approval of action plan for conservation and protection of creeks /mangrove area, the CRZ area within SEZ shall be demarcated as "No Development Zone". PP shall not allow / undertake any development in CRZ area of SEZ.	APSEZ area. Photographs of the demarcated HTL boundary line were submitted along with EC Compliance report for the period Apr'23 to Sep'24.  The action plan for conservation of creeks and mangrove areas is prepared by NCSCM and the same is submitted to GCZMA and MoEF&CC for their



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		<ul> <li>using latest satellite images and validation with field observations</li> <li>Monitoring of tidal range in the mangrove areas and comparison with the data collected during 2017.</li> <li>Removal of silt / sand spits from the central part of navinal creek</li> <li>Dredging of shallow area off Bocha Island to reduce current velocity.</li> </ul>
		Please refer specific condition no. ii for further details w.r.t. Mangrove Conservation Action Plan.
		On dated 15/07/2022 MoEF&CC issued an amendment in EC & CRZ Clearance by imposing new four conditions in place of condition no. x & xi. The copy of EC amendment order was submitted during the last compliance period Apr'22 to Sep'22.
		Full compliance of conditions of the above issued EC & CRZ amended order provided as <b>Annexure – C.</b>
xii.	The implementation of action plan approved by the MoEF shall be monitored by the NCSCM/NIOT. Compliance with action plan shall be submitted to GCZMA and to MoEF, RO at	Point noted and being complied.  The action plan for conservation of creeks and mangrove areas is prepared by NCSCM and the same was submitted to GCZMA and MoEF&CC for their examination and recommendation.
	Bhopal along with six monthly monitoring report.	Please refer specific condition no. ii for further details w.r.t. Mangrove Conservation Action Plan.
xiii.	PP shall earmark separate budget for the implementation of the above action plan. The details of the expenditure shall be submitted to GCZMA and to MoEF, RO at Bhopal along with six monthly monitoring report.	Point noted and being complied.  A separate budget has been allocated and incurred by APSEZ for implementation of mangrove conservation action plan.  • Monitoring of mangrove distribution in creeks in
		<ul> <li>and around APSEZ and shoreline changes in Bocha island was 23.56 Lacs</li> <li>Algal and Prosopis growth monitoring was done in and around mangrove area and algal encrustation was found in some of the mangrove areas, which has been removed manually. The cost of the said</li> </ul>



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		activity was Rs. 150000 during FY 2024-25. The algal removal report is attached as <b>Annexure - 1</b> .  • Tide Level Monitoring within creeks around APSEZ - 1.0 Lac  • Fodder supply to the villagers in FY 2024-25 - 410.48 Lacs.
		Please refer specific condition no. ii above for further details.
xiv.	All the industry in SEZ shall be connected through impervious	Complied.
	drainage lines to the STP/CETP for the discharge of their sewage or industrial effluent. There shall not be any discharge to creeks / rivers. PP shall be accountable for implementing this condition and necessary clause shall be	As per the Lease Deed agreement, existing industries are well connected with impervious pipeline to discharge their effluent / sewage after confirming to the inlet norms of CETP. Typical copy of the Lease Deed (Agreement) was submitted along with compliance report submission for the duration of Oct'16 to Mar'17.
	incorporated in the MoU while allotting the plot to the individual industries.	Entire quantity of treated wastewater from CETP is being utilized for horticulture purpose within SEZ area. No discharge is allowed into creeks / rivers. Same practice will be continued in future as well and capacity enhancement of CETP will be carried out based on requirement.
		List of CETP member units were submitted along with half yearly EC compliance report for the period Oct'19 to Mar'20. And there is no further change.
		The industries which treat the sewage / effluent within their premises comply the stipulated norms of discharge given by GPCB. Through regular monitoring it is ensured by APSEZ that the treated water is used for gardening within the respective industries and there is no discharge to any water body including rivers or creeks.
XV.	PP shall not carry out any river course modification.	Complied
		The project was conceptualized in such a way that no river course modification is required to be carried out. All the rivers passing through SEZ are maintained through proper path for area drainage.



From : Oct'24 To : Mar'25

Sr.	Conditions	Compliance Status as on 31-03-2025
No.	The individual industrial units	31-03-2025 Complied.
XVI.	shall obtain prior EC under EIA	
	Notification, 2006 as applicable.	All industrial units coming up in within the SEZ are informed and aware about the said requirement. Out
	аррисавіе.	of total units established within SEZ, only Adani
		Power Limited, Dorf Ketal, Jesons Techno Polymers
		LLP, Kutch Copper Limited (KCL) and Mundra
		Petrochemicals Ltd. (MPL) Industries falls under purview of EIA Notification 2006 and they have
		obtained their specific EC as applicable. The
		condition is being followed on case-to-case basis as
		applicable.
xvii.	Proponent shall identify 200 ha of land for mangrove	Complied.
	plantation as per the condition	100 Ha. Mangrove plantation is carried out by SAVE
	laid by SEAC.	at Tala Tadav village of Khambhat Taluka of Anand district. A final report of SAVE was submitted along
		with half yearly compliance report for the period
		Apr'17 to Sép'17.
		100 Ha. Mangrove plantation is carried out by GEC.
		From which 38 ha. plantation is completed at Tala
		Tadav village of Khambhat Taluka of Anand district during 2017-18 and remaining 62 ha. Plantation is
		completed at Aliya Bet of Bharuch district during
		2018-19. A final report of GEC was submitted along
		with half yearly compliance report for the period Oct'18 to Mar'19.
xviii.	50 meter buffer from the	Complied.
	existing mangrove area should	
	be provided for any developmental activity.	50-meter buffer from the existing mangrove area as per the CRZ notification is being maintained and all
	developmental activity.	developmental activities are being carried out as per
		the approval only.
xix.	Proponent shall develop the	Being complied.
	green belt with 3 layers of canopy all along the periphery.	APSEZ has developed "Dept. of Horticulture" which is taking measures/ steps for terrestrial greening as well
	completely.	as mangrove plantation. Development of greenbelt at
		various locations within the SEZ is an ongoing
		activity. Green belt of 3-layer canopy will be developed as part of the development of SEZ.
		developed as part of the development of SEZ.
		The species such as Ficus Infectoria, Ficus religiosa,



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		Terminalia arjuna, Cocos nucifera, Washingtonia fillifera, Casurina spp., Azadirachta Indica, Eucalyptus spp., Jatropha curacus, Ficus bengalensis, Subabool spp., Casia fistula, Date Palm and Delonix regia were grown in SEZ area.
		Width of the green belt varies from 2 m to 8 m and density varies from 1500 to 1750 trees per hectare at various locations. Total 145.88 hectares of land with approx. 2.54 Lacs trees is developed within SEZ area till date. So, far APSEZ has developed 458 Ha area as greenbelt with plantation 9.06 Lacs trees within the entire APSEZ area.
		Please refer <b>Annexure – 5</b> for further details regarding greenbelt development and mangrove afforestation. Budget for Horticulture Department for the FY 2024-25 is to the tune of INR 831 lakh. Out of which, Approx. INR 570 lakh has spent during the year FY 2024-25.
		It may be noted that individual industrial units have developed the greenbelt within their premises based on their planning & approvals and new industries coming up any will also comply as per their approvals. The same is being ensured by the environment monitoring committee of APSEZ.
		For the area where further development is yet to be carried out, APSEZ will ensure that greenbelt with 3-layer canopy is developed by either APSEZ or the industrial unit to whom the land is allotted. Photographs showing the 3-layer canopy greenbelt developed within APSEZ were along with half yearly compliance report for the period Oct'18 to Mar'19.
XX.	All the recommendation of the EMP shall be complied with in	Complied.
	letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be	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 Integrated Regional Office (IRO), MoEF&CC @ Gandhinagar, Zonal Office of CPCB @ Baroda, GPCB @



From : Oct'24 To : Mar'25

C-			Osmalisasa Chata			
Sr. No.	Conditions		Compliance Statu 31-03-202			
	submitted to MoEF along with half yearly compliance report to MoEF-RO.	· · · · · · · · · · · · · · · · · · ·				
		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	30.11.2023		
		5	Oct'23 to Mar'24	28.05.2024		
		6	Apr'24 to Sep'24	30.11.2024		
xxi.	There shall be no disturbance to the sand dunes. The pipelines shall be laid using advanced method viz. Horizontal Directional Drilling (HDD) so as to avoid disturbance to the sand dunes/creeks/ mangroves.	suggester Complied There is r Point not No pipelil laid till n required. crossing to the flow	d in EMP are given in A  no sand dune in the SE  ed.  nes for intake and out ow and same will be HDD method will be for other pipelines.  Aundra has laid down erground LPG pipeline ninal Pvt. Ltd (MLTPL cility, Mithi Rohar, G has been laid down al Drilling (HDD) meth of the creek and ne through it. Some streto falling under CRZ are fication, 2011. For wh separate CRZ clearanc 9/2023.IA.III dated 05			



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		submission for the period Apr'23 to Sep'23.
Part	- B: General Conditions	
	Construction Phase	
i.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures	Not applicable at present.  Most of the construction labours reside in the nearby villages where all basic facilities are easily available. There are no housing requirements for labours inside the project area.
	to be removed after the completion of the project.	
	A first aid room will be provided in the project both during construction and operation of the project.	Complied.  APSEZ has established Occupational Health Center & First Aid facility at different locations within SEZ, which will be utilized during entire construction as well as operation phase of SEZ project. In case of emergency situation requiring higher level of treatment, the facilities at Adani hospital (Multi-Specialty) having 100 bedded facilities located with SEZ area can be utilized.
iii.	All the topsoil excavated during construction phase should be stored for use in horticulture/landscape development within the project site.	Excavated topsoil, if any, will be used for the horticulture /landscape development within the project site.
iv.	Disposal of muck during construction phase should not create any adverse effect on the neighboring communities and be disposed, taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Complied.  No excavated muck has been generated and disposed-off. Construction waste, if any, is utilized for area development within the project site.



From : Oct'24 To : Mar'25

				_				
Sr. No.	Conditions		Compliance Status as on 31-03-2025					
V.	Soil and ground water samples	Complied.						
٧.	will be tested to ascertain that		•	Monit	oring is b	aina carrie	ad out on	
					_	-		
	there is no threat to ground	_			ort & SEZ		-	
	water quality by leaching of				EF&CC app	•		
	heavy metals and other toxic				onment and			
	contaminants.		•		of the gro			
					duration fro	m Oct 24 t	o Mar25 is	
		mer	itioned bel	ow.				
		Bor	e Hole Wat	er Sa	mpling:			
		Sam	pling local	tions	& frequency	v: 4 nos. (Ha	alf Yearly)	
		Sr. No.	Parameter	Unit	MIN	MAX	AVERAGE	
		1	pH @ 25 ° C		7.22	8.41	7.79	
		3	Salinity Oil & Grease	ppt mg/L	1.59 BDL(MDL:2.0)	17.64 BDL(MDL:2.0)	7.03 BDL(MDL:2.0)	
			Hydrocarbon	mg/L	Not Detected	Not Detected	Not Detected	
		5	Lead as Pb	mg/L	BDL(MDL:0.0 1)	BDL(MDL:0.01)	BDL(MDL:0.0 1)	
		6	Arsenic as As	mg/L	BDL(MDL:0.0 1)	BDL(MDL:0.01)	1)	
		7	Nickel as Ni Total	mg/L	0.10	0.15	0.13	
		8	Chromium as Cr	mg/L	BDL(MDL:0.0 1)	BDL(MDL:0.01)	BDL(MDL:0.0 1)	
		9	Cadmium as Cd	mg/L	0.04	0.88	0.34	
		10	Mercury as Hg		BDL(MDL:0.0 01)	BDL(MDL:0.00 1)	BDL(MDL:0.0 01)	
			Zinc as Zn Copper as Cu	mg/L mg/L	0.06 BDL(MDL:0.0	0.11	0.09 BDL(MDL:0.0	
		12	ооррег из оо		5)	BDL(MDL:0.05)	5)	
		13	Iron as Fe	mg/L	0.13	0.19	0.15	
		14	Insecticides/P esticides	Absent Presen	ΔηςΔητ	Absent	Absent	
		15	Depth of Water Level from Ground Level	meter		2.15	2.11	
				<u> </u>		DL – Minimum I		
			•		present da ions for Bo			
		Sr. No			Unit	Dhrub station	Zarnara	
		1	рН			8.08	8.1	
		2	Lead as Pb		mg/L	BDL(MDL:0.0	1) ND*	



From : Oct'24 To : Mar'25

C.			•	maliaa	oo Statu			
Sr. No.	Conditions	Compliance Status as on 31-03-2025						
110.		3	Nickel as Ni	_	ng/L	BDL(MDL:0.02)	0.146	
			Total		ig/L	BDL(MBL.0.02)	0.039	
		4	Chromium as	m	ng/L	BDL(MDL:0.05)		
		5	Iron as Fe	n	ng/L	0.133	0.258	
		6	Insecticides/P esticides	_	sent / esent	Absent	ND*	
		7	Depth of Water Level from GL	m	eter	2.1	1.7	
			Sampling:		*MC	*BDL – Below De IL – Minimum De	etection Limit	
			pling location	ns & fre	quency: <b>4</b>	nos. (Half Y		
		Sr. No.	Parameter	Unit	Min. Value	Max. Value	Average	
		1	рН		8.37	8.86	8.56	
		2	Nitrogen as N	%	0.21	0.55	0.39	
		3	Phosphorus as P	mg/kg	724.10	4984.40	1955.90	
		4	Potassium as K	mg/kg	41.20	1106.00	387.48	
		5	Baron as B	mg/kg	1.78	2.98	2.20	
		6	Calcium as Ca	mg/kg	342.20	3242.60	1255.98	
		7	Magnesium as Mg	mg/kg	110.50	5510.20	1574.80	
		8	Iron as Fe	%	0.81	1.46	1.09	
		9	Moisture Organic	%	0.28	1.46	0.80	
		11	Matter CEC	% meg/10	0.78	1.42	1.16	
				0 gm	1.30	14.20	9.03	
		12	TVC y Metal	CFU/gm	2.1 x 106	2.7 x 106	2.45 x 106	
		13	Cadmium as	mg/kg	BDL(MDL:1	BDL(MDL:1.	BDL(MDL:1	
		14	Antimony as Sb	mg/kg	BDL(MDL:1 .0)		BDL(MDL:1 .0)	
		15	Arsenic as As	mg/kg	BDL(MDL:1	BDL(MDL:1.	BDL(MDL:1	
		16	Thorium as Th	mg/kg	BDL(MDL:1	BDL(MDL:1. 0)	BDL(MDL:1 .0)	
		17	Lead as Pb	mg/kg	7.25	15.46	10.09	
		18	Chromium (VI) as Cr	mg/kg	2.86	8.95	4.74	
		19	Cobalt as Co	mg/kg	7.58	10.84	9.30	
		20	Copper as Cu	mg/kg	7.36	28.65	15.61	
		21	Nickel as Ni	mg/kg	10.30	14.92	12.47	
		22	Manganese as Mn	mg/kg	174.20	386.80	251.18	
		23	Vanadium as	mg/kg	6.12	7.82	7.17	



From : Oct'24 To : Mar'25

Sr.	Conditions	Compliance Status as on						
No.			31-03-2025					
			V			IDL – Mir	Below Detectio	ın Limit
		for th	arison of the nearest loo	•		with	baseline	data
		Sr. No.	Parameter	Unit	Dhrub si	tation	Zarpara vill	age
		1	ρΗ		8.4	6	6.45	
		2	Nitrogen as N	%	0.3	9	1.38 gm/l	<g< td=""></g<>
		3	Phosphorus as P	mg/kg	724	.1	1230	
		4	Potassium as K	mg/kg	110		62120	
		5	Calcium as Ca	mg/kg	3242	2.6	1500	
		6	Magnesium as Mg	mg/kg	5510		1580	
		7	Iron as Fe Organic	%	1.46	5	1.34	
		8	Matter	%	1.47	2	0.98	
		9	CEC	meq/100 gm	14.2	2	7.4	
		• The to con end toxis report measuring to Approach the part to continue to co	ground levelose proximine is no the ching of later is no lead to contaminate. Budget ures (including the tune of east 3 years is	el in this a ty to the nreat to heavy m aching of onts throu nexure — for en ng hortic INR 134 9.51 lakh d breakup	area is socoast. ground netals heavy igh soil. (7 for vironme ulture) 0.21 la is spe o of th	saline I wat and meta tental for th kh. ( nt du e exp	in nature er quality other to als and of ailed ana manager be FY 202- Out of will be benditures	y by coxic other olysis ment 4-25 hich, year
Vi.	Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they should	being outsid	lied. ruction spoi kept at i de CRZ al opment purp	dentified nd is t	tempo peing	rary utilize	storage ed for	



From : Oct'24 To : Mar'25

Sr.	Conditions	Compliance Status as on
No.		31-03-2025
	not leach into the ground water.	Hazardous materials such as diesel, lube oil etc. are handled with utmost care and all applicable rules are followed. Storage area is provided with paving and spill kit to ensure there is no contamination to soil or ground water.
		Used/Waste Oil is sold to GPCB authorized recyclers / re-processors namely M/s. Western India Petro Chem Ind - Bhavnagar, K Kasha Enterprises, Ahmedabad, Shana Oil Process, Ahmedabad & Jawrawala Petroleum, Ahmedabad. It is also being reused within organization for lubrication purpose. Oily rags are being disposed though co-processing at cement industries namely M/s. Ambuja Cement Ltd., Kodinar. Renewed copy of agreement with M/s. Ambuja Cement Ltd., Kodinar was submitted along with half yearly EC Compliance report for the period Oct'23 to Mar'24.
		Individual units within SEZ are handling their hazardous wastes as per Hazardous waste rules – 2016 after obtaining necessary permissions from GPCB.
vii.	,	Complied.
	generated during construction phase should be disposed off as per applicable rules and norms with necessary approvals of the Gujarat	All the hazardous wastes are being handled as per Hazardous Waste Rules – 2016.  Please refer Point No. vi (General Condition:
	Pollution Control Board.	Construction Phase) for further details.
viii.	The diesel generator sets to be used during construction phase should be low sulphur diesel type and should conform to Environment (Protection) Rules prescribed for air and	Complied.  Emergency DG sets are being used only as power back up source in case of power failure. Presently, cumulative capacity of all emergency DG sets installed at APSEZ within SEZ area is 3735 KVA.
	noise emission standards.	During the compliance period of Apr'23 to Sep'23, there was no instance of power failure hence it was not required to operate the emergency DG sets on continuous basis.
		All the emergency DG sets are of low sulphur diesel



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		type. Details of the same were submitted along with half yearly compliance report for the period Apr'20 to Sep'20. Emergency DG sets are being used in conformance to the EPA norms and proof for the same was submitted along with compliance period i.e. Apr'17 to Sep'17.  For reduction of emission from DG stacks, Retrofitting Emission Control Device (RECD) has been
		installed on 06 nos. DG sets to reduce the particulate material from DG stacks. Some Photographs of RECD attached as <b>Annexure - 9</b> .
ix.	The diesel required for operating DG sets shall be stored in underground tanks if required; clearance from Chief Controller of Explosives shall be taken.	
	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards and should operate only during non-peak hours.	Complied.  The vehicles of on-going construction work enter inside the premises only after passing through the fitness check at vehicle health-check centre established by APSEZ. At the vehicle health check-up centre, parking light, reverse light, Horne, wheel, breaks, mirror, etc. are checked before allowing the vehicle to enter the site.  Valid PUC Certification is also being checked for all the vehicles while entering into APSEZ premises.  Majority of the vehicles bringing construction materials are operated during non-peak hours.
xi.	Ambient noise levels should conform to residential standards both during day and night. Incremental pollution loads on the ambient air and noise quality should be closely monitored during construction phase. Adequate measures	Complied.  Ambient Air Quality and Noise monitoring are being carried out by NABL accredited and MoEF&CC authorized 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.



From : Oct'24 To : Mar'25

Sr.		Compliance Status as on						
No.	Conditions	31-03-2025						
	should be made to reduce ambient air and noise level during construction phase, so	Air sampling locations & frequency: 10 nos. (twice a week)						
	as to conform to the stipulated standards by CPCB/GPCB.	Parame ter	Unit	Min	Max	Average	Perm. Limit <sup>\$</sup>	
		PM <sub>10</sub>	µg/m³	42.00	84.46	64.41	100	
		PM <sub>2.5</sub>	µg/m³	14.61	39.90	25.60	60	
		SO <sub>2</sub>	µg/m³	8.68	25.30	15.87	80	
		NO <sub>2</sub>	µg/m³	11.73	29.60	19.92	80	
		Noise sa		locations	& frequen	cy: 6 nos.	(once	
						Loo	Leq	
		Noise	Unit	Leq Min	Leq Max	Leq Average	Perm. Limit*	
		Day Time	dB(A)	57.30	68.80	63.88	75	
		Night Time	dB(A)	57.20	65.40	61.83	70	
		Values recorded confirms to the stipulated standards  Such environmental monitoring is being carried out on continuous basis at stipulated frequencies. The analysis results are being closely observed for incremental pollution load. From the above results and past data, it can be inferred that the emission levels are well within the prescribed standards. All the analysis data collected are submitted to the concerned authorities as part of the six-monthly compliance reports. The data is also submitted to GPCB on monthly basis as part of the online submission – Monthly Patrak.  Please refer <b>Annexure – 7</b> for detailed analysis reports. 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 2024-25.  Following safeguard measures are taken for abatement of dust and noise emissions.					ies. The yed for results emission ards. All to the monthly itted to analysis agement 2024-25 f which, the year	



From : Oct'24 To : Mar'25

Sr.		Compliance Status as on				
No.	Conditions	31-03-2025				
		<ul> <li>Regular cleaning of roads through mechanized equipments</li> <li>Development of greenbelt along the periphery of the storage yards/back up area</li> <li>D.G. Sets having Acoustic enclosures</li> <li>Transportation of loose dry cargo through covered vehicles / wagons / conveyer system</li> <li>Regular maintenance of plant machineries and equipments</li> <li>Individual member units are also carrying out environmental monitoring in line with their permissions and the same is also being ensured during industry site visit. Analysis reports of member</li> </ul>				
		units are also attached as <b>Annexure - 7</b> .				
xii.	Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27 <sup>th</sup> August, 2003. (The above condition is applicable only if the project site is located within 100 Kms of Thermal Power Stations).	Fly ash generated from Adani Power Limited, Mundra is being disposed by selling to Cement and Brick Manufacturing units. During the compliance period Oct'24 to Mar'24 approx. 0.527 MMT of fly ash has been disposed by selling to cement industry, export to domestic traders, etc. Fly ash mixed paver blocks are being used for development of back up area, footpath, colonies area, parking area, approach road etc. as and when require.  Fly ash based PPC cement is used for construction activity.				
xiii.	Ready mixed concrete must be used in building construction.	Complied.  Only RMC is used for construction activity.				
xiv.	Storm water control and its reuse should be regulated as per CGWB and BIS standards for various applications.	Complied.  Storm water drainage systems are provided. There are no perennial rivers and the possibility of storm water run-off is only during monsoon season. The area is receiving scanty rainfall and there is no continuous flow of water during monsoon. Therefore presently, the storm water drainage is designed to facilitate the area drainage meeting with the downstream part of water area.				



From : Oct'24 To : Mar'25

Sr.	One divine	Compliance Status as on
No.	Conditions	31-03-2025
xv.	construction should be	Complied.
	reduced by use of pre-mixed concrete, curing agents and other referred best practices.	Only RMC is used for construction activity.
xvi.	Permission to draw ground water shall be obtained from	Complied.
	the competent Authority prior to construction /operation of the project.	No ground water is used during construction & operation stage of the project. Current sources of water are through GWIL and desalination plant of APSEZ. Average, water consumption for entire APSEZ area is 5.40 MLD during the compliance period Oct'24 to Mar'25.
xvii.	Separation of grey and black water should be done by the	Not applicable
	use of dual plumbing line for separation of grey and black water.	As per the master planning all types of wastewater generated are transferred through common conveying system for providing desired treatment at CETP. Treated wastewater is utilized for gardening purposes within the premises of APSEZ / individual industries.
		It may be noted that condition number xvi to xxi are imposed on all member industries coming up within the SEZ areas (as part of the Lease Deed agreement). The same practice will be continued in future also. As suggested by RO, Bhopal during the site visit, an environment monitoring committee is formed which are ensuring strict compliance of the stipulated conditions by individual industries.
xviii.	Fixtures for shower, toilet flushing and drinking should be	Complied.
	of low flow either by use of aerators or pressure reducing devices or sensor based control.	Water flow reducers are installed at various locations within APSEZ. The water flow reducers consume approx. 66% less water compared to the normal tap. Water free urinals are also installed at Port User Buildings for water conservation. In phase wise manner, all the fixtures will be replaced with such water efficient devices.
		<ul> <li>Water flow reducers are provided in taps of various operation and administrative buildings to reduce the water consumption and are in use.</li> </ul>



From : Oct'24 To : Mar'25

Sr.		Compliance Status as on
No.	Conditions	31-03-2025
		Water-free urinals are installed and in operation within APSEZ.
xix.	, ,	Complied
	up to 40% to reduce the	Majority of the building appellons are constructed
	electricity consumption and load on air-conditioning. If	Majority of the building envelops are constructed with energy efficient building materials. While using
	necessary, use high quality	glass, wherever required, it is ensured that only high-
	double glass with special	quality glass with reflective coating is used.
	reflective coating in windows.	
XX.	Roof should meet prescriptive requirements as per Energy	Complied
	Conservation Building Code by	Majority of the building envelops (including roofs) are
	using appropriate thermal	constructed with ECBC compliant building materials
	insulation material to fulfill	having appropriate thermal insulation.
vvi	requirements.  Opaque wall should meet	Complied
xxi.	Opaque wall should meet prescriptive requirement as per	Compiled
	Energy Conservation Building	Majority of the building envelops (including walls) are
	Code which is proposed to be	constructed with ECBC compliant building materials
	mandatory for all air-	having appropriate thermal insulation.
	conditioned spaces while it is aspirational for non-air-	
	conditioned spaces by use of	
	appropriate thermal insulation	
	material to fulfil these	
xxii.	requirement.	Complied
XXII.	The approval of the competent authority shall be obtained for	Compiled
	structural safety of the	Mundra falls in seismic zone V. All the building
	buildings due to earthquake,	·
	adequacy of firefighting	requirements of the applicable guidelines for safety.
	equipments, etc. as per National Building Code	The same practice will continue in future also. However, being a developer, no buildings are
	including protection measures	constructed by APSEZ.
	from lightning etc.	·
xxiii.	•	Complied.
	above and other measures for monitoring should be in place	SEZ industries were visited to check measures taken
	all through the construction	for Energy Conservation, Water Conservation, Waste
	phase, so as to avoid	and Hazardous waste management and phase out
	disturbance to the	plan of Ozone depleting substance during the
	surroundings.	compliance period. Various industries shared the data



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		in line with above reference. Details of the same were submitted along with EC compliance report for the period Apr'18 to Sep'18.
		It may be noted that condition number xvi to xxi are imposed on all member industries coming up within the SEZ areas (as part of the Lease Deed agreement). The same practice will continue in future also. As suggested by RO, Bhopal during the site visit, an environment monitoring committee is formed and ensures strict compliance of the stipulated conditions by individual industries.
		EMS and Compliance verification of individual SEZ units carried out during the compliance period w.r.t. Water & Wastewater Management, Air Management, Hazardous & Non-Hazardous Waste Management, Greenbelt, etc. in line with their statutory permissions and there was no any major non-compliance observed.
xxiv.	·	Point noted.
	Environment (Protection) Act 1986, legal action shall be initiated against the project proponent if it is found that construction of the project has been started without obtaining environmental clearance.	Wherever applicable, construction activities have started only after obtaining environmental clearance.
	Operation Phase	O lind
i.	The PP while issuing the allotment letter to individual member units shall specifically mention the allowable maximum quantity of water usage and effluent generated by each member unit.	to individual member units for specifically mentioning the allowable maximum quantity of water usage and effluent generated by each member unit. Sample copy of one of such letter was submitted along with compliance report submission for the period Oct'16 to Mar'17.
ii.	The PP shall establish an environmental monitoring cell	Complied.
	with all the potential polluting	APSEZL has a well-structured Environment
	units as members to review the	Management Cell, staffed with qualified manpower
	environmental monitoring data	for implementation of the Environment Management



From : Oct'24 To : Mar'25

Sr.	Conditions	Compliance Status as on					
No.	and suggest improvements.	Plan at site. Site environment team direct report to site Chief Executive Officer (CEO) and the CEO directly reports to the top management. Updated Environment Management Cell Organogram was submitted along with compliance report submission for the period Apr'24 to Sep'24. And there is no further change.					
		Separate budget for the Environment protection measures is earmarked every year. All environment and horticulture activities are considered at corporate level and budget allocation is done accordingly. No separate bank account is maintained for the same however, all the expenses are recorded in advanced accounting system of the organization.					
		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 2024-25. Detailed breakup of the expenditures for the past 3 years is attached as <b>Annexure – 8</b> .					
		Please refer Point No. xxiii (General Condition: Construction Phase) for further details.					
iii.	Treated effluent emanating from STP shall be recycled / reused to the maximum extent possible. Treatment of 100% grey water by decentralized treatment should be done. Discharge of unused treated effluent shall conform to the norms and standards of the	APSEZ has total installed capacity of 6.255 MLD for treatment of effluent / sewage generated at various locations. Details regarding the same are mentioned below. The treated sewage from these decentralized units meets the norms stipulated by GPCB and it is used for gardening purpose.					
	Pollution Control Board. Necessary measures should be made to mitigate the odour problem from STP.	Location  CETP  Shantivan Colony STP  Shantivan Colony STP  Adani House STP  Samudra Township  STP	2.5 MLD 350 KLD 250 KLD 150 KLD 2.5 MLD	Technology  Aerobic Digestion  Aerobic Digestion  Aerobic Digestion  PVA Gel Technology  MBR			
		Liquid Terminal ETP West Port STP	265 KLD 55 KLD	Aerobic Digestion FAB			



From : Oct'24 To : Mar'25

				••	<u> </u>			
Sr.	Conditions	Compliance Status as on						
No.		31-03-2025 SEZ north Gate 175 KLD Aerobic Digestion						
		SEZ north G	ate	1/5	KLD	Aerobic Dig	estion	
		Agri Park		10 K	ID .	Aerobic Dig	estion	
		<u> </u>				10.00.00.0	,000.011	
		CETP of 2.5 MLD capacity is also constructed in SEZ area (having a separate independent environmental clearance). Sewage generated from individual industry is treated by individual industry itself. However, some of the industries are giving their sewage to the CETP for treatment and final disposal.						
		List of CETP member units were submitted along with half yearly EC compliance report for the period Oct'19 to Mar'20. And there is no further change.						
		The treated effluent from CETP confirms to the GPCB norms. Treated water is used for gardening / horticulture purpose within CETP premises and SEZ areas. Online monitoring system at the discharge point is provided to get the system alert in case of any deviation from discharge norms.						
		STP of 2.5 MLD capacity is also constructed in SEZ area as part of social infrastructure project (having a separate independent environmental clearance).						
		Assessment of treated sewage is being carried out by NABL accredited and MoEF&CC approved agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. The summary of analysis results is mentioned below.  Treated Water Analysis (Frequency Twice in a Month						
		- 3 STPs)					Perm.	
		Parameter	Unit	Min	Max	Avg.	Limit <sup>\$</sup>	
		ρΗ TSS		6.88 12	7.64	7.30 19.56	6.5 to 9.0 100	
		BOD (3 Days	mg/L		28			
		@ 27 oC)	mg/L	14	20	16.57	30	
		Residual Chlorine	ppm	0.56	0.84	0.66		
		Fecal Coliform	MPN / 100 ml	26	80	48.72	< 1000	
					\$ as	per CC&A gi	anted by GPCB	



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		Please refer <b>Annexure – 7</b> for detailed analysis reports.
		GPCB also done site visit and collected and analyzed the STP's treated water sampling. GPCB last sampling collected on 21/01/2025 and copy of analysis report is attached as <b>Annexure – 11</b> and all the parameters are well within the permissible norms.
		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 for overall APSEZ, Mundra.
		Greenbelt area developed around the treatment plants act as barrier for odour. In addition to this, regular supervision is done to ensure there is no odour problem from any of the treatment plants.
iv.	The solid waste generated should be properly collected	Complied.
	and segregated. Wet garbage should be composted and dry/inert solid waste should be disposed off to the approved sites for land filling after recovering recyclable material.	<u>Waste Management</u> – 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.
		Solid Waste: A well-established system for segregation of dry & wet waste is in place. All wet waste (Organic waste) is being segregated & utilized for compost manufacturing and/or biogas generation for cooking purpose. The compost is further used by in house horticulture team for greenbelt development. Whereas dry recyclable waste is being sorted 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).



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
	Conditions	APSEZ, Mundra is certified for Zero Waste to Landfill management system (ZWTL MS 2020) by TUVRheinland India Pvt. Ltd.  Hazardous & Other Waste:  Bio medical waste generated from OHCs and Adani Hospital is being disposed at Common Bio Medical Waste Treatment Facility namely M/s. Distromed Kutch Services Pvt. Ltd., Bhuj.  E – Waste is being sold to GPCB registered recyclers namely M/s. Galaxy Recycling, Rajkot.  Used Batteries are being sold to GPCB registered recyclers namely M/s. Sabnam Enterprise, Kutch and M/s. S K Metal Industries, Rajkot.  Solid Hazardous Waste is being disposed through co-processing / incineration through common facility i.e. M/s. Saurashtra Enviro Projects Pvt. Ltd., Bhachau, Safe Enviro Private Limited, Bharuch and/or cement industries of Ambuja Cement Ltd., Kodinar.  Used/Waste Oil is being sold to GPCB authorized recyclers / re-processors namely M/s. Western India Petro Chem Ind - Bhavnagar, K Kasha Enterprises, Ahmedabad, Shana Oil Process, Ahmedabad & Jawrawala Petroleum, Ahmedabad. It is also being reused within organization for lubrication purpose.  ETP Sludge, Oily Cotton Waste, Pig Waste are being disposed through co-processing in cement industries of Ambuja Cement Ltd., Kodinar.
		<ul> <li>ETP Sludge, Oily Cotton Waste, Pig Waste are being disposed through co-processing in cement industries of Ambuja Cement Ltd., Kodinar.</li> <li>Discarded drums / barrels are being sold to authorized decontamination facility i.e. M/s. Jawrawala Petroleum, Ahmedabad. It is also being reused within organization for filling hazardous</li> </ul>
		<ul> <li>Waste.</li> <li>Solid hazardous waste i.e. Tank bottom sludge was sold to authorized recycler namely M/s. Mundra Oil Pvt. Ltd., Mundra for recycling. However during the compliance period, there was no disposal of downgrade chemicals.</li> <li>Expired paint materials was disposed by</li> </ul>



From : Oct'24 To : Mar'25

Sr. No.	Conditions		Compliance 31-0	e Status a: 3-2025	s on
		Saurashtra However, no disposa Downgrad storage to authorized Acquire ( the comp downgrad Slop Oil separate Separator sold to au M/s. West Aviation ( Bhavnaga treatment there was Horticultu belt areas manure is within pla  Details of p waste autho pervious ha there is no for The follow managemen	on through a Enviro Producing the color downgrate chemicals, A liance periode chemicals, and the corporation for and water and system. Seputhorized received from the color downer and water and it is using the chemicals of the color downer and the color downer a	common ojects Pvompliance de chemic generated generated in there workleshward, there workleshward composed for the cordisposed of the cordisposed for making in hor disposed for making	d from cleaning of the being sold to desire the samely M/s. Thousand the same is the same
		different typ			
		Type of Waste	Waste Description	Quantity (MT)	Disposal Method
		Hazardous Waste	ETP/CETP Sludge	22.10	Co-processing at cement industries
			Oily Cotton Waste	41.43	Co-processing at cement industries
			Pig Waste	9.95	Co-processing at cement industries
			Used / Spent / Waste Oil	188.34	Sell to registered recycler
		Nos	Total Glass Wasto	261.82	After recovery seet
		Non-	Glass Waste	13.64	After recovery sent



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025			
		Hazardous Waste			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
			Organic / Food Waste	563.17	Converted to Manure for Horticulture use / Biogas for cooking purpose
			Paper Waste	19.91	After recovery sent for recycling / Reuse within premises
			Plastic Waste	86.46	After recovery sent for recycling / Reuse within premises
			RDF (Non Recyclable Waste)	191.42	Co-processing at cement industries
			Rubber Waste	339.14	After recovery sent for recycling / Reuse within premises
			Wooden waste	97.44	After recovery sent for recycling / Reuse within premises
			Total	2732.10	
		Other Waste	Bio Medical Waste	3.87	To approved CBWTF Site and registered recyclers
			E-Waste	13.01	Sell to registered recycler
		Canad Tabal	Total	16.88	
		Grand Total		3010.79	
		Please refer Point No. xxiii (General Condition: Construction Phase) for further details.			



From : Oct'24 To : Mar'25

C.			Compliance C	tatus as as	
Sr. No.	Conditions		Compliance Si 31-03-2		
V.	Diesel power generating sets	Compli			
	proposed as source of backup	•			
	power for elevators and	Emergency DG sets are being used only as pow			ly as power
	common area illumination	back u	p source in case of po	wer failure.	
	during operational phase				
	should be of enclosed type and		refer Point No. viii	•	I Condition:
	conform to rules made under the Environment (Protection)	Constr	uction Phase) for furt	ner details.	
	Act, 1986. The height of stack	Height	s of stacks are maint	rained as nec	ded for the
	of DG sets should be equal to	_	ned capacity of all a		
	the height needed for the		Locations of the e		
	combined capacity of all		ed by GPCB officials		
	proposed DG sets. Low sulphur		of all emergency D	G set stack	heights are
	diesel should be used. The	mentio	ned below.		
	location of the DG sets may be		· · ·		
	decided in consultation with	Sr. No.	DG Location	Capacity/KVA	Stack height
	the Gujarat Pollution Control Board.	1	Adani House PUB	750	15M 15M
	60810.	2	PMC Store	500 82.5	15IVI 10M
		3 4	R&D Yard	50	8M
		5	North Gate	320	8M
		6	CRC North Gate	5	5M
		7	North in Gate	5	5M
		8	North Outgate	5	5M
		9	East Gate	30	6 M
		10	Airport	140	10M
		11	Airport	125	10M
		12	Gohersama Gate	5	5M
		13	Airport crrosing Gate	5	5M
		14	Kharimithi Road Gate	5	5M
		15	Old port Gate	5	5M
		16	West Gate	30	6 M
		17	MRSS	250	6 M
		18	Mitap Substaion	62.5	5M
		19	Zarpara Gate	5	5M
		20	Navinal Gate	5	5M
		21	Culvert NO 109	5	5M
		22	Culvert NO 109	15	5M
		23	Agri Park	250	6 M
		24	APL Road	7.5	5M
		25	APL Road	7.5	5M



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025			
		26	Trolly Mounted	30	6 M
		27	Trolly Mounted	15	6 M
		28	Trolly Mounted	15	6 M
		For r Retrof installe	umulative capacity of ed at APSEZ within SE eduction of emiss itting Emission Controled on O6 nos. of I late material from D0 attached as <b>Annexure</b>	Z area is 3735 ion from I Device (REC DG sets to G stacks. Pho	DG stacks, CD) has been reduce the
vi.	Noise should be controlled to	Compl	ied.		
Vii.	ensure that it does not exceed the prescribed standards, During night time the noise levels measured at the boundary of the building shall be restricted to the permissible levels to comply with the prevalent regulations.  Green belt of adequate width and density preferably with local species along the periphery of the plot shall be raised so as to provide protection against particulates and noise.	Noise accred M/s. Ltd., V. Please Constr Being APSEZ taking as mar various activity	monitoring is being lited and MoEF&CC at Unistar Environment api.  refer Point No. uction Phase) for furticomplied.  has developed "Dept. measures/ steps for tengrove plantation. Developed steps locations within the steps for the step for the steps for the step for the steps for the step fo	uthorized age and Researd xi (General her details. of Horticultu errestrial gree velopment of he SEZ is	condition:  Condition:  Ure" which is ening as well greenbelt at an ongoing
viii.	Weep holes in the compound walls shall be provided to	Compl	ed.		
	ensure natural drainage of rain water in the catchment area during the monsoon period.	keepin free flo stagna	ary walls are construg weep holes for defirow of water and it is ent at any given point o	ned river path ensured that	to facilitate water is not
ix.	Rain water harvesting for roof run-off and surface run-off, as	Compl	ied.		
	plan submitted should be implemented.		dwater recharge cann nce the entire project		



From : Oct'24 To : Mar'25

Sr.	Conditions	Compliance Status as on
No.		<b>31-03-2025</b> tidal areas. Rain water within project area is managed through storm water drainage.
		We have installed Rain water 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 7.40 ML of rain water has been recharged to increase the ground water table.
		We have also connected roof top rain water duct of operational building (Tug berth building within MPT) with u/g water tank for utilization of collected rain water for gardening / horticulture purpose. Details of the same were submitted 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. Including this a big recharge operation by bunding was taken up for Zarpara village as rainfall was very good during compliance period.
		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.



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		7.02 2023
		The Water Conservation Projects completed during the FY 2024-25:
		> 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.
		Check Dam New/Renovation:
		<ul><li>Structures: 29</li></ul>
		<ul> <li>Water Capacity Increase: 1,072,332 CUM</li> </ul>
		Beneficiaries: 30,870
		<ul> <li>Impact: Enhances water storage and irrigation.</li> </ul>
		> Rainwater Harvesting Structures (RRWHS):
		Structures: 330     Water Capacity Increase: 3300,000 CLIM
		<ul><li>Water Capacity Increase: 3,300,000 CUM</li><li>Beneficiaries: 1,650</li></ul>
		<ul> <li>Impact: Maximizes rainwater capture and</li> </ul>
		usage. Rs. 10950 yearly saved/house
		Pond Deepening:
		Structures: 135
		<ul><li>Water Capacity Increase: 1,028,403 CUM</li><li>Beneficiaries: 18,350</li></ul>
		<ul> <li>beneficialities, 16,550</li> <li>Impact: Improves water retention and</li> </ul>
		availability.
		Construction of Percolation Wells:
		<ul><li>Structures: 26</li></ul>
		<ul> <li>Ground Water Recharge: Significant</li> </ul>
		<ul><li>Beneficiaries: 3,000</li><li>Impact: Boosts groundwater levels and</li></ul>
		availability.
		> Bore/Well Recharge:
		<ul><li>Structures: 209</li></ul>
		<ul> <li>Ground Water Recharge: Significant</li> </ul>



From : Oct'24 To : Mar'25

Sr.		Compliance Status as on
No.	Conditions	31-03-2025
		<ul> <li>Beneficiaries: 1,045</li> <li>Impact: Enhances groundwater recharge and sustainability.</li> <li>Construction of New Wells:         <ul> <li>Structures: 8</li> <li>Purpose: Drinking Water</li> <li>Beneficiaries: 9,600</li> <li>Impact: Provides reliable drinking water sources</li> </ul> </li> </ul>
		<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>
		<ul> <li>▶ DRIP IRRIGATION - ENHANCING LIVELIHOODS IN KUTCH:         <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> </li> <li>Earlier Completed Activities/Projects:</li> </ul>
		<ul> <li>✓ Large number of water harvesting structure (18 Nos. of check dams in coordination with salinity department) and Augmentation of 3 check dams.</li> <li>✓ Ground recharge activities (pond deepening work for 61 ponds) individually and 26 ponds under Sujlam</li> </ul>



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
NO.		Suflam Jal Abhiyan were built leading to a significant increase in water table and higher returns to the farmers.  ✓ New Pond Deepening Under Ajadi ka Amrut Mahotsav done in Goyarsama village Approx Deepening Capacity is 12000 Cum.  ✓ 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.  ✓ Recharge Borewell 208 Nos (19 Nos. current FY 2022-23) which is best ever option to direct recharge the soil.  ✓ Drip Irrigation approx. 1505 Farmers benefitted in coordination with Gujrat Green Revolution Company till date.  ✓ 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.  ✓ Pond Pipeline work at Prasla Vistar Zarpara which increase recharge capacity more than 25% in 100 hector area.  ✓ Check dam gate valve construction at Bhujpur which controlled more than 350 MCFT water to go into sea and get recharged current year.  With the objective of to preserve the rainwater to reduce the impact of salinity and recharge the ground water (the main source of water) to facilitate the Agricultural activities as well as for drinking water.  It may be noted that the individual industrial units will also be encouraged for taking various initiatives for rainwater harvesting within their premises / in the
X.	The ground water level and its quality should be monitored regularly in consultation with Central Ground Water Authority.	villages around the SEZ area.  Complied.  Ground Water Monitoring is being carried out on regular basis in SEZ areas through NABL accredited and MoEF&CC approved agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi.  Please refer Point No. v (General Condition:



From : Oct'24 To : Mar'25

Conditions	Compliance Status as on 31-03-2025
	Construction Phase) for further details.
	It may be noted that the analysis results of ground water quality are submitted to CGWB, West Central region, Ahmedabad vide our e-mail dated 19.05.2025. The mail acknowledge copy of the same is attached as <b>Annexure – 12</b> .
raffic congestion near the	Complied.
entry and exit points from the coads adjoining the proposed project site must be avoided. Parking should be fully internalized and no public pace should be utilized.	The entry and exit gates of SEZ and port are provided with ample parking area (210838 m²) near the gate. The entry / exit complex is fully equipped with traffic control equipments and round the clock security is provided for seamless support. No public space is utilized for parking of the vehicle. Details of the same were submitted along with half yearly EC Compliance Report for the period Apr'18 to Sep'18.
report on the energy	Complied
conservation measures conforming to energy conservation norms finalized by Bureau of Energy Efficiency hould be prepared accorporating details about wilding materials & echnology, R & D Factors etc. and submitted to the Ministry along with six monthly nonitoring report.	Energy audit of port user buildings (including the details about building materials and technology etc.) is carried out once every three years. The most recent audit was conducted during 18th to 20th Jan-2022 by M/s. ECO ENERGY SOLUTION. Report of the same is submitted to Chief Electrical officer, Gandhinagar. Report of the same was submitted during the previous compliance period from Apr'22 to Sep'22.
nergy conservation measures	Complied
ke installation of CFLs/TFLs or the lighting the areas outside the building should be in integral part of the project lesign and should be in place before project commissioning. Used CFLs and TFLs should be properly collected and lisposed off/sent for recycling as per the prevailing guidelines rules of the regulatory outhority to avoid mercury	Energy Conservation through Installation of Motion Sensor (Occu switch) & AC Temp. controls in few of the buildings are provided.  Measures for energy conservation are incorporated at design stage. Few of the buildings in MSTPL are designed as green building. Some features of the same are as below.  Used fly ash based cement and bricks  Special types of glasses were used which gives maximum sunlight and less heat  VOC free paint used certified by CII (Certificate of
lesi lefo lse lisp lisp r uth	gn and should be in place ore project commissioning. d CFLs and TFLs should be perly collected and cosed off/sent for recycling per the prevailing guidelines rules of the regulatory



From : Oct'24 To : Mar'25

Sr.	Conditions	Compliance Status as on
No.		31-03-2025
	may be used to the extent possible.	<ul><li>Indian Industries)</li><li>Water flow reducer installed in the entire building</li></ul>
		CFL / LED lighting are being used at various common areas of SEZ as well buildings and townships. Used CFL are collected and sent for recycling through authorized e-waste collection agency.
		APSEZ has installed & commissioned 8.8 MW roof top solar plants within APSEZ and Township premises. APSEZ has also installed and commissioned 12 MW windmill and whatever electricity generated is being supplied to grid. Details of the same were submitted along with half yearly compliance report for the period Oct'18 to Mar'19.
		In additionally 10.4 MW capacity of windmill has been installed by Adani New Energy and as now total capacity of windmill energy is 22.4 MW existed in APSEZ premises.
		It may be noted that the individual industrial units will also be encouraged for taking various initiatives with respect to energy conservation (such as energy audit, installation of renewable energy sources, utilization of energy efficient fixtures etc.).
xiv.	Adequate measures should be taken to prevent odour	Complied
	problems from solid waste processing plant and STP.	5R principals are adopted for sustainable waste management at APSEZ. Utmost care is being taken during the waste management and sewage /effluent treatment to ensure that there is no odour generation. Proper secondary treatment and disinfection is provided to the domestic sewage and treated sewage is utilized for horticulture purpose. These measures ensure that odor problem is not created in the surrounding area. Furthermore, greenbelt on the periphery of the treatment plant as well as waste management sites help to prevent
V.,	The buildings should have	odour problems.
XV.	The buildings should have adequate distance between	Complied.
	them to allow movement of	Presently, all the buildings have adequate distance



From : Oct'24 To : Mar'25

Sr. No.	Conditions Compliance Status as on 31-03-2025				
	fresh air and passage of natural light, air and ventilation.	between them to allow movement of fresh air and passage of natural light, air and ventilation. The same practice will be continued in future also.			
		It may be noted that the individual industrial units will also be encouraged for consideration of these design parameters.			
xvi.	The environmental safeguards contained in the EIA Report	Complied.			
	should be implemented in letter and spirit.	Compliance report of all the environmental safeguards contained in the EMP report is attached as <b>Annexure – 6</b> .			
xvii.	Adequate drinking water facility be provided.	Complied.			
	racinty be provided.	Drinking water facility at approx. 200 locations within APSEZ area is provided.			
xviii.	Incremental pollution loads on the ambient air quality, noise and water quality should be periodically monitored after commissioning of the project.	Complied.  Environment Monitoring (air, noise, water, soil) is being carried out on regular basis in Port & SEZ areas through NABL accredited and MoEF&CC approved agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi.			
		Please refer following condition nos. for further details.			
		v, viii & xi of General Conditions – Construction Phase     iii of Constal Conditions — Operation Phase			
xix.	Application of solar energy	iii of General Conditions – Operation Phase Complied.			
	should be incorporated for illumination of common areas, lighting for gardens and street lighting in addition to provision for solar water heating. A hybrid system or fully solar system for portion of the	APSEZ has installed & commissioned 8.8 MW roof top solar plants within APSEZ and Township premises. APSEZ has also installed and commissioned 12 MW windmill and electricity generated from it is being supplied to grid.			
	apartments should be provided.	In additionally 10.4 MW capacity of windmill has been installed by Adani New Energy and as now total capacity of windmill energy is 22.4 MW existed in APSEZ premises.			



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025				
xx.	Ozone depleting substance	Please refer condition no. xiii of the General Conditions – Operation Phase for further details. Complied.				
	(Regulation & Control) Rules should be followed while designing the air conditioning system of the project.	APSEZ is not procuring air conditioning systems which use ozone depleting gases. All the HVAC systems are with Ozone friendly gases within APSEZ. All new air conditioning systems installed, if any, will be designed in line with Ozone depleting substance (Regulation & Control) Rules.				
		It may be noted that the individual industrial units will also be encouraged to follow Ozone depleting substance (Regulation & Control) Rules while designing the air conditioning system of the project. The same will be implemented by individual unit as per project suitability.				
12	Officials from the Regional Office of MOEF, Bhopal who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and	Full support is always extended to officers of regulatory authorities (including MoEF&CC and GPCB) visiting the project site. The documents as per their requirements are provided to them.				
	documents / data by the project proponents during their inspection. A complete set of all the documents submitted to MoEF should be forwarded to the CCF, Regional Office of	The communication documents like application Form – 1, ToR received from MoEF&CC, Final EIA report, Public Hearing proceedings and recommendations of GCZMA are submitted to MoEF&CC, RO, Bhopal for necessary records.				
	MOEF, Bhopal.	APSEZ was visited by RO, MoEF&CC Bhopal on 3 <sup>rd</sup> May, 2018 for compliance verification. APSEZ provided all requisite information and documents required by the Regional Officer. During the said compliance verification visit, and as per the compliance certificate by Ro-MOEF&CC vide dated, 7 <sup>th</sup> June 2018, there was no major non-compliance observed.				
		Inline to the compliance certification process of Environment Clearance condition of Waterfront Development Plan, RO, MoEF&CC Bhopal had visited				



From : Oct'24 To : Mar'25

Sr.		Compliance Status as on
No.	Conditions	31-03-2025
		the site on 27 <sup>th</sup> & 28 <sup>th</sup> January, 2020 for compliance verification. APSEZ provided all requisite information and documents required by the Regional Officer MoEF&CC). During the said compliance verification visit and as per the compliance certification received, there was no non-compliance observed.
		Inline to the compliance certification process of Consent to Operates of existing facilities developed under Waterfront Development Plan, RO, GPCB, Gandhidham had visited the site on 17 <sup>th</sup> March, 2021 for compliance verification. APSEZ provided all requisite information and documents required by the Regional Officer GPCB). During the said compliance verification visit and as per the compliance certification received, there was no non-compliance observed.
		Inline to the compliance of MoEF&CC Order dated 18 <sup>th</sup> September, 2015, Joint Review Committee (JRC) comprising officials from various competent authorities visited the APSEZ, Mundra from 1 <sup>st</sup> to 3 <sup>rd</sup> September, 2021 to monitor the progress of implementation of the conditions stipulated in the order. APSEZ provided all requisite information and documents required by the JRC. As per the report received by MoEF&CC vide dated 01.12.2021, there was no non-compliance observed.
		It also be noted that officials from GPCB Regional office is also doing regular site visit. Last visit of Regional Office, GPCB was done on 21.01.2025 for Multi Product SEZ (MSEZ). There was no any inspection remarks during the site visit.
		Inline to the compliance certification process of Environment Clearance of Waterfront Development Plan, IRO- MoEF&CC Gandhinagar has lastly visited the site on 18 <sup>th</sup> to 20 <sup>th</sup> December, 2023 for compliance verification. APSEZ provided all requisite information and documents required by the Regional Officer MoEF&CC). During the said compliance verification visit and as per the compliance



From : Oct'24 To : Mar'25

Sr.	Conditions	Compliance Status as on
No.	Conditions	31-03-2025
13	In the case of any change(s) in	certification received, there was no non-compliance observed. Copy of CCR & submitted action taken report w.r.t. certified compliance was submitted along with half yearly EC Compliance report for the period Oct'23 to Mar'24.  Point noted and agreed.
	the scope of the project, the project would require a fresh appraisal by this Ministry.	
14	The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provision of the Environmental (Protection) Act, 1986, to ensure effective implementation of the safeguard measures in a time bound and satisfactory manner.	Point noted and agreed.
15	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponent from the respective competent authorities.	committee will ensure strict adherence to the condition by the individual industries.
16	These stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act,	Point noted and agreed.



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
	1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	
17	The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Clearance and copies of clearance letters are available with the Gujarat Pollution Control Board and may also be seen on the website of the Ministry of Environment and Forests at http://www.envfor.nic.in. The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same should be forwarded to the Regional office of this Ministry at Bhopal.	APSEZ has advertised Environmental and CRZ Clearance in two local newspapers "The Indian Express" (in English language) and "Kutch Mitra" (in vernacular language) on 24.07.14 (within 10 days from the date of receipt of the clearance letter) and copy of the same was submitted vide letter dated 05.08.2014 to Ministry of Environment, Forests & Climate Change, Bhopal.
18	Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.	Point noted and agreed.
19	Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Point noted and agreed.
20	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal	Complied  Copy of clearance letter was sent to concerned Panchayats, Zilla Parishad, Urban Local Body, Local



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025				
21	Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.  The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	NGOs and from whom suggestion/representation received. Details regarding the same were submitted to the MoEF & CC along with half yearly compliance report for the period from Apr – 2014 to Sep – 2014.  Clearance letter is also put up on the website of the Adani ports <a href="https://www.adaniports.com/ports-downloads">https://www.adaniports.com/ports-downloads</a> 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 Integrated Regional Office (IRO), MoEF&CC @ Gandhinagar, Zonal Office of CPCB @ Baroda, GPCB @ Gandhinagar & Gandhidham and Dept. of Forests & Env., Gandhinagar vide our letter dated 28.11.2024.				
22	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.	The copy of the same is also available on our web since the https://www.adaniports.com/ports-downloads as well as also uploaded on MoEF&CC Parivesh Portal. Please refer below for the details regarding past sometimes compliance submissions.  Sr. Compliance period Date of Submission				
23	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environmental (Protection) Rules, 1986, as	Environmental statement for each financial year is submitted to GPCB. The same for the FY ending 31.03.2024 in Form-V is submitted to GPCB vide our letter dated 2 <sup>nd</sup> September, 2024. The acknowledgement copy of the Environmental Statement (Form V) of FY 2023-24 was submitted				



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025			
	, , ,	to Sep'24. Copy of the submitted Environmental Statement FY 2023-24 is also available on our web			
	•	site https://www.adaniports.com/ports-downloads.			
	conditions and shall also be sent to the respective Regional				
	Offices of MoEF by e-mail.				



From: Oct'24 To: Mar'25

Status of the conditions stipulated in Environment and CRZ Clearance

# ANNEXURE A Compliance Report of CRZ Recommendation



From : Oct'24 To : Mar'25

#### Status of the conditions stipulated in Environment and CRZ Clearance

#### Note:

With respect to the project components attracting CRZ recommendation from GCZMA, following points shall be noted:

- GCZMA has recommended the CRZ proposal for Sea Water Intake, Outfall system and Pipeline.
- Construction with respect to Desalination Plant, sea water intake and outfall system has not been started yet.
- Existing units are having requisite environmental permissions (from state or central body, as the case may be) for discharging their wastewater, if any, to the Common Effluent Treatment Plant of MPSEZ Utilities Pvt. Ltd. having 2.5 MLD capacity (having a separate individual environmental clearance).
- Treated wastewater is being utilized within the premises of CETP and / or SEZ for the gardening / horticulture activities.
- As soon as the need for discharging the effluent / reject form the desalination plant into sea will arise, constriction work for the intake and outfall will be started.

In view of the above-mentioned facts, the compliance to the conditions stipulated in the CRZ recommendation will be submitted to all the competent authorities when the construction and operation activities are initiated for the project components attracting CRZ recommendation.



From : Oct'24 To : Mar'25

Status of the conditions stipulated in Environment and CRZ Clearance

# Annexure – B Compliance Status of MoEF & CC Order dated 18.09.2015

Based on the report submitted by Sunita Narain committee, MoEF&CC issued a Show Cause Notice (SCN) to APSEZ vide their letter dated 30.09.2013. APSEZ replied to the SCN vide letter dated 14.10.2013. Further, an order (containing 10 directions) was issued by MoEF&CC vide their letter dated 18.09.2015. Compliance to these 10 directions is mentioned below.



From : Oct'24 To : Mar'25

Sr. No.	Condition	Compliance Status as on 30-03-2025
i	The proposal of extension of the validity of environmental clearance granted to the North Port vide letter dated 12.01.2009 will be considered separately at later stage.	Point Noted & Complied  After receipt of this order, so far APSEZ has not done any application to MoEF&CC for the proposed North port. The expansion of Waterfront Development plan has been proposed excluding North Port area.
ii	Bocha island, ecologically sensitive geomorphological features and areas in the island and creeks around the island will be declared as conservation zone action plan for its conservation must be prepared. M/s. APSEZ should provide necessary financial assistance for this purpose.	<ul> <li>Complied</li> <li>This reply covers condition no ii, iv and v.</li> <li>Based on the MoEF&amp;CC directions,</li> <li>1. APSEZ, vide letter dtd. 19<sup>th</sup> October 2015 had requested GCZMA, for consideration of project for finalization of ToR for NCSCM.</li> <li>2. Project was considered on 28<sup>th</sup> GCZMA meeting, scheduled on 22<sup>nd</sup> April 2016, where ToR was discussed and agreed, upon.</li> <li>3. APSEZ, vide its letter dtd. 25<sup>th</sup> April 2016, submitted the proposal to GCZMA along with Scope of work, as submitted by NCSCM.</li> <li>4. Service Order was issued to NCSCM vide SO dtd. 29<sup>th</sup> Aug</li> </ul>
iv	A comprehensive and integrated study and protection of creeks/ mangrove area including buffer zone, mapping of coordinates, running length, HTL, CRZ boundary, will be put in place. The plan will take note of all the conditions of approvals granted to all the project proponents in this area e.g. the	<ul> <li>2016. Cost of the study as per the NCSCM proposal was 315 Lakh and 100% of payment has already paid to NCSCM.</li> <li>5. NCSCM has carried out number of site surveys during the period, February 2017 – April 2018 as per the defined scope</li> <li>6. The study report was submitted to GCZMA (with a copy to MoEF&amp;CC vide letter dated 04.06.2018) for their consideration and recommendation if any.</li> <li>7. A reminder letter was submitted to GCZMA vide letter dated 4<sup>th</sup> Jan 2019.</li> <li>Details of above chronology were submitted along with half yearly compliance report for the period Apr'19 to Sep'19.</li> <li>The site survey carried out by NCSCM includes:</li> <li>1. Bathymetry survey of creeks</li> <li>2. Topography survey of intertidal areas</li> </ul>



From : Oct'24 To : Mar'25

Sr. No.	Condition	Compliance Status as on 30-03-2025
	reported case of disappearance of mangroves near navinal creek. The preservation of entire area to maintain the fragile ecological condition will be a part of the plan in relation to the creeks, mangrove conservation of bocha island up to baradimata and others.  NCSCM will prepare the plan in consultation with NIOT, PP and GCZMA. In recognition of the fact that the existing legal provisions under the E(P) Act 1986 do not provide for any authority to impose ERF by the government, the plan will be financed by the PP. the implementation will be carried out by GCZMA. The monitoring of the implementation will be carried by NCSCM.	·
		a. Monitoring of mangrove distribution in creeks in and around APSEZ and shoreline changes in Bocha island through



From : Oct'24 To : Mar'25

Sr. No.	Condition		· · · · · · · · · · · · · · · · · · ·	nce Status as o 0-03-2025	n				
		NCSCM, Chennai. The cost of the said study was INR 23.56 Lacs incurred by APSEZ.  b. Tidal observation in creeks in and around APSEZ – The cost of the said activity was INR 1.0 Lacs incurred by APSEZ.  c. Algal & Prosopis removal from Mangrove area - The cost of the said activity was Rs. 150000 during FY 2024-25. The algal removal report is attached as Annexure – 1.  d. Awareness of mangroves importance in surrounding communities & Fodder support - The expenditure for fodder supporting activities was approx. 410.48 Lacs during FY 2024-25 which was incurred by APSEZ. This activity is being done on continuous basis as a part of CSR activity.							
		NCSCM study same was submitted to the GCZMA on 04.06.2018. Details of the same were submitted along with half yearly EC Compliance report for the period Apr'19 to Sep'19. The same was further submitted to GCZMA and MoEF&CC for their examination and recommendation vide (with a copy to MoEF&CC vide letter dated 04.06.2018 & reminder letter vide dated 4th Jan, 2019). Presentation on the findings of the report was made to GCZMA committee on 4th October 2019 and the recommendation for the same has been received vide email dtd 22nd Sept, 2020 with conditions. Details of the same were submitted as a part of half yearly EC compliance report for the period Oct'20 to Mar'21.							
		Summary of Co	iisei vatioii oi	<u>ilialigi oves.</u>					
		Mangrove mapping Year	Monitoring Agency	Mangrove cover total Area (Ha.)	_	re cover area creased			
		2011		2094	Hac.	%			
		2011 to 2016- 17	NCSCM	2340	246	11.75%			
		2017 to 2019 till March	NCSCM	2596	256	10.94%			
		2019 to 2021 till March GUIDE 2723 127 4.89%							
		Total		2723	629				
		Hence, overall increase in mangrove cover area in creek system in and around APSEZ from 2011 (2094 Ha) to 2021 (2723 Ha) is 629 Ha (30%).  As a part of GCZMA recommendations and NCSCM mangrove conservation action plan, APSEZ has undertaken following							
		activities.							



From : Oct'24 To : Mar'25

ance Status as on 30-03-2025 Compliance
Compliance
ADCE7
APSEZ entrusted NCSCM, Chennai to carry out Monitoring of mangrove distribution in creeks in and around APSEZ and shoreline changes in Bocha island.  As a part of this study, overall growth of mangroves in the creeks in and around APSEZ was assessed comparing Google earth images of 2017 & 2019 and it is observed that there was increase in mangrove cover between March 2017 and September 2019 to the extent of 256 Ha, which is about 10.94%.  This suggests that the mangroves and the tidal system in the creeks remain undisturbed over this period. Analysis of data between categories indicated that there was an increase in dense mangroves and also conversion of scattered to sparse which also shows that the growth of mangroves in a progressive direction.  Hence, there is an overall growth of mangroves in creeks in and around APSEZ, Mundra is 502 Ha between 2011 and 2019.  The cost of the said study was INR 23.56 Lacs incurred by APSEZ.  According to GUIDE Mangrove monitoring study report November 2023 (the report was submitted during the last compliance report submission Apr'23 to Sep'23),), the distribution of mangroves in Kotadi, Baradi mata, Navinal, Bocha and Khari creeks as well as in the Bocha island was studied using LISS IV satellite images for the duration of March 2019 to March 2021. The mangrove cover in the creeks in and around APSEZ showed a positive trend from March 2019 to March 2021, with an overall increase of 52.79 ha (1.9%) compared to the cover during the year 2019. The total mangrove cover during 2019 was 2670 ha which has increased to 2723 ha during the year 2021.  Hence, overall increase in mangrove cover area in creek system in and around APSEZ from 2011 (2094 Ha) to 2021 (2723 Ha) is 629 Ha (30%).  The cost of the said study was INR 23.60 Lacs incurred by APSEZ.



From : Oct'24 To : Mar'25

Sr.	Condition	Compliance Status as on					
No.		30-03-2025					
				Summary monitoring	of Mangrov g (from 2011 to		ping and
				Mangrov mapping Year		_	rove cover Increased
						Hac.	%
				2011	2094	-	-
				2011 to 2016-17	2340	246	11.75%
				2017 to 20 till March	<sup>19</sup> 2596	256	10.94%
				2019 to 2021 till March	2723	127	4.89
				Total	2723	629	
		2.	Tidal observation in creeks in and around APSEZ	locations Baradima creeks un The obse creeks adequate The cost	2017 Bocha ce of NC es indica mal tic of mang	SCM. Ite that the Ial ranges,	
		3.	Removal of Algal and Prosopis growth from mangrove areas	<ul> <li>Lacs.</li> <li>Algal and Prosopis growth monitoring done in and around mangrove area algal encrustation was found in some the mangrove areas, which has be removed manually.</li> <li>The cost of the said activity was 150000 during FY 2024-25. The aremoval report is attached as Annexure</li> </ul>			
		4.	Awareness of mangroves importance in surrounding communities	<ul> <li>Adani Foundation – CSR Arm of Adagroup has done awareness camps/activitic created in the community regarding importance of mangroves. Adagroundation provides Good Quality dry and green fodder to 24 Villages. Project covering total 15005 Cattles and hencenhancing cattle productivity. Dry Fodd 15,74,250 Kg Green – 51,66,805 Kg.</li> <li>Awareness of mangroves importance surrounding communities &amp; Fodder supporting activities was approx. 410.48 Lacs during FY 2024-25, which was incurred by APSEZ Grass Land development: 213 acres gauchar land has been cleaned an allocated for Grass land development wi</li> </ul>			of Adani os/activities regarding s. Adani ity dry and Project is and hence Dry Fodder Kg ortance in der support supporting acs during by APSEZ. is acres of eaned and



From : Oct'24 To : Mar'25

C		Occasiones Chabus es es		
Sr.	Condition	Compliance Status as on		
No.		strong Community Contribution and Mobilization.  Other than this dedicated security guard with gate system deployed by APSEZ across the coastal area and no any unauthorized persons allowed within coastal as well as mangrove areas.  APSEZ has celebrated the International Day for the Conservation of the Mangrove Ecosystem on 24th to 26th July 2024 to raise awareness of the importance of mangrove ecosystems as "a unique, special and vulnerable ecosystem". The report for the same was submitted during the compliance report submission for the period Apr'24 to Sep'24.  Refer CSR report attached as Annexure – 2.		
		To comply with the GCZMA recommendations regarding mangrove monitoring at every 2 years, recently APSEZ has awarded the work order to NCSCM, Chennai vide order no. 4802055905, dated 24/09/2024 with cost 45.87 Lacs for mangrove mapping in and around APSEZ March 2021 to March 2023.		
		NCSCM has conducted ground truthing during 5th to 7th Mar'25 & 22nd to 27th Apr'25 in and around our APSEZ area for mangrove mapping & study work has been completed. Final Mangrove mapping report is awaited from NCSCM.		
		CZMP of Kutch region has been finalized and published on GCZMA website in the Month of Feb-2022. NCSCM has issued final authorized maps for HTL and CRZ Boundary prepared in line with approved CZMP of Gujarat State as per CRZ Notification, 2011. The details of the maps were submitted during the previous compliance period Oct'21 to Mar'22.		
		As per the approved map of CZMP Kutch region APSEZ has demarcated the HTL boundary line within APSEZ area. Photographs of the demarcated HTL boundary line were submitted during the last compliance period Apr'23 to Sep'23.		
iii	The violations of specific condition of	Complied		
	all the ECs and CRZ	During the said site visits from various regulatory authorities and		



From : Oct'24 To : Mar'25

Sr. No.	Condition	Compliance Status as on 30-03-2025			
	clearances, if any, will be examined and proceeded with the	•	er the compliance bliance observed.	certification	received, there was no non-
	provisions of EP Act, 1986 independently.	Sr. No.	Authority	Date of Visit	Purpose of Visit
		1	RO, MoEF&CC, Bhopal	21 <sup>st</sup> - 22 <sup>nd</sup> Dec, 2016	EC Compliance Certification of WFDP
		2	RO, MoEF&CC, Bhopal	3 <sup>rd</sup> May, 2018	EC Compliance Certification of WFDP & MSEZ
		3	RO, MoEF&CC, Bhopal	3 <sup>rd</sup> & 4 <sup>th</sup> Sep, 2019	Compliance of the order of the Hon'ble HIGH COURT of Gujarat vide letter dated 22 <sup>nd</sup> Aug. 2019 w.r.t. compliance verification of MoEF&CC order dated 18 <sup>th</sup> Sep, 2015.
		4	RO, MoEF&CC, Bhopal	27 <sup>th</sup> & 28 <sup>th</sup> Jan, 2020	EC Compliance Certification of WFDP
		5	SPCB, Gandhinagar	17 <sup>th</sup> March, 2021	CC&A Compliance Certification of existing facilities developed under WFDP
		6	Joint Review Committee	1 <sup>st</sup> to 3 <sup>rd</sup> Sep, 2021	Compliance of the order of the Hon'ble HIGH COURT of Gujarat vide letter dated 22 <sup>nd</sup> Aug. 2019 w.r.t. compliance verification of MoEF&CC order dated 18 <sup>th</sup> Sep, 2015.
		7	NEERI, Nagpur	21 <sup>st</sup> & 22 <sup>nd</sup> Sep 2023.	EC Compliance verification site visit of MSEZ for the period Oct'22 to Mar'23. Copy of last EC compliance verification certificate was submitted during the last EC compliance report submission from Apr'23 to Sep23.
		8	IRO-MoEF&CC, Gandhinagar	18 <sup>th</sup> to 20 <sup>th</sup> Dec 2023	EC Compliance Certification of WFDP. During the said compliance verification visit and as per the compliance certification received, there was no non-compliance observed.  Copy of CCR & submitted action taken report w.r.t. certified compliance was submitted during the last EC compliance report submission for the period Oct'23 to Mar'24.



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		8 NIIST, Thiruvananthapuram  7th 8 8th Apr- 2024  EC Compliance verification site visit of MSEZ for the period Apr'24 to Sep'24. Copy of EC compliance verification certificate is attached as Annexure - 13.	
		It may also be noted that GPCB, Regional Office does regular site visit of APSEZ area and no non-compliance observed.	
		Last visit of Regional Office, GPCB was done on 25.11.2024 for West Port APSEZL has submitted the reply to the site visit report vide letter dated 04.12.2024. Acknowledgement copy of the same is attached as <b>Annexure – 14</b> .	
		Last visit of Regional Office, GPCB was done on 30.01.2025 for Main port and APSEZL has submitted the reply report vide letter dated 04.02.2025. Acknowledgement copy of the same is attached as <b>Annexure – 15</b> .	
vi	There will be no development in the area restricted by the High court of Gujarat. APSEZ shall abide by the outcome of the PIL 12 of 2011 and other relevant cases.	The order passed by Hon' ble high court in context of PIL 12 of 2011 vide dated 10 <sup>th</sup> Nov 2011. Subject PIL has been disposed off by Hon'ble High Court vide their order dated 17.04.2015 and now there is no restriction on development in the subject area. The order reads as "In view of the aforesaid discussion, we do not find any merit in this writ petition. This writ petition fails and is accordingly dismissed. No order as to cost." Copy of the order was submitted along with half yearly EC Compliance report for the period Apr'18 to Sep'18.	
		Considering the above status and in line to submission of compliance of all the directions under this order, this condition is closed.	
Vii	APSEZ will submit specific action plan to protect the livelihood of fishermen along with budget.	Adani Foundation (AF) is the CSR arm of the Adani Group actively working for upliftment of the communities in the surroundings of various project sites of Adani Group. AF has prepared a specific action plan to protect livelihood of fishermen at Mundra.	
		Various initiatives, as stated below are discussed in detail in the report namely "Silent Transformation of Fisher folk at Mundra". Said report also includes the information related to the planned	



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		expenses to the tune of approx. 13.5 Cr. INR for various initiatives for the next five years (2016 – 2021) (Budget details provided in Page No. 68 of report). Copy of the same is already submitted to MoEF&CC vide our letter dated 10.09.2016.		
		Till, Mar'25 approx. 15.79 Cr. INR, has already been invested fisherfolk livelihood. Further, details regarding the expenditure incurred against the commitment are attached as <b>Annexure – 16</b> .		
		APSEZ has been carried out various initiatives specific to the Fisherfolk community which includes:		
		<ul> <li>Educational Kit Support: 686 nos.</li> <li>Fisherman Shelter Support: 273 nos.</li> <li>Vehicle transportation Support: 1368 nos.</li> <li>Cycle Support to high school students: 111 nos.</li> <li>Scholarship Support: 648 nos.</li> <li>Youth Employment: 494 nos.</li> <li>Linkage with Fisheries Scheme: 195 nos.</li> <li>Ramatotasav Community Engagement: 3534 nos.</li> <li>Man-Days mangrove plantation: 56523 days</li> <li>Vidya Deep Yojana Developing school preparedness programme and empowering balwadis at fisherfolk settlement Under this scheme, 4 balwadis at different settlement has been</li> </ul>		
		constructed. This programme include nutrition food, hygiene, awareness of health, cleanliness, discipline, regularity and development of basic age appropriate conception		
		<ul> <li>Youth employment: Our main objective is to offer sustainable employment opportunities to the local fishing community in APSEZ Mundra. We bridge the gap between industries and Fisherfolk youth by facilitating job placements. 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.</li> <li>In the APSEZ area and colony, 45 fisherfolk youth have been offered</li> </ul>		
		professional painting roles. To ensure they are skilled for the role, they underwent comprehensive training in partnership with Asian Paints  • Vidya Sahay Yojana –  • Scholarship Support: All basic education supportive facilities have been		
		created to promote education in fisher folk community.  We are deeply committed to empowering the future of fisherfolk communities through education. 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.		
		• Education Kits Support: Equipping 88 fisherfolk students in HSC and		



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Sr. No.	Condition	Graduation with essential tools for academic success, including notebooks, guides, stationery and study bags, we empower them to pursue their education with no financial barriers.  • 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. Adani Vidya Mandir Children of the family with the income of salary less than 1.5 lac/annum are admitted. School focusses on nutrition food, uniform and other services to the children for free.  • Fisherman Approach in SEZ After due consultative process, APSEZ has provided 7 fishermen access roads for to approach to the sea for fishing activity.  • Machhimar Arogya Yojana The Fisher folk communities are disposed to several water and air abided diseased due to exposure to unhygienic working conditions. Frequently Special Health care Camps are organized at Vasahat. Our Mobile health care unit van regularly visit fisher folk settlements.  Awareness camp on Menstrual health: A menstrual health awareness camp was organized for 200+ women from the fishing communities of Modhva and Tragadi villages.  • Machhimar Kaushalya Vardhan Yojana Based on need assessment a number of trades were introduced through the Adani Skill Development Centre in Mundra, where in fisher folk youth could join and get a number of technical and non-technical training  • Machhimar Sadhan Sahay Yojana Fishing material support was provided by AF at Mundra as per the requests of Pagadiya fishermen. According to their needs, fishing nets, ropes, buoys, ice boxes, crates, weighing scales, anchors, solar lights etc., were provided.  • Machhimar Sadhan Sahay Yojana Shelters, equipped with basic facilities of a toilet.  and pure drinking water have been constructed for living while fishing and to provide a healthy and hygienic residence.  • Machhimar Shudhh Jal Yojana This sche
		<ul> <li>Sughad Yojana         Toilets for men and women are constructed at all three Vasahats.Infrastructure was accompanied with continuous awareness     </li> </ul>
		campaign on hygiene sanitation and use of toilets in particular.  • Machhimar Akshay kiran Yojana
		Solar street lights at each settlement have been installed. For fish landing shed and school extension room have been fitted with solar invertor allowing late evening video shows for awareness and fish sorting work at
		ease.
		<ul> <li>Machhimar Suraksha Yojana         Distance Alarm Transmission System – DATS' project was introduced in order to promote safety of the fishermen. Forced to be at sea to earn their     </li> </ul>
<u> </u>		order to promote sorety of the fishermen. Forced to be at sea to early them



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		<ul> <li>Machhimar Aji         Mangrove plar         activity for the         During the no         were benefited     </li> <li>Bandar Svachi</li> </ul>	the lives of many fishermen at risk.  Ivika Uparjan Yojana Intation in the area as means of alternate income generating a fisher folk community during the non-fishing months.  In-fishing months, the fishermen under usual circumstances d by other alternate economic activity to sustain them.  Inata Yojana  Inata Yojana  Inata Yojana	
		the project are and other con	Is actively working with local community around a and provides required support for their livelihood cerns through the CSR arm — Adani Foundation. ion is working in main five persuasions as below.	
		<ul><li>Education</li><li>Community</li><li>Rural Infras</li><li>Sustainabili</li><li>Skill Develo</li></ul>	tructure ity Livelihood	
			on about activities in the main five persuasions is low. Activities carried out for the same are below.	
		Area	Activity	
		Community Health	<ul> <li>Mobile Heath Care Units and Rural Clinics</li> <li>7 Rural Clinics</li> <li>5 villages of Mundra &amp; 2 village Mandvi block has benefited by rural clinic service.</li> <li>Total 23799 Patients Benefitted in FY 24-25 (direct &amp; indirect) by Mobile van and rural clinic.</li> <li>Provided 52,063 medical health services.</li> <li>45602 nos. patients have been supported for operations, OPD, IPD, Medicines and lab-test at Adani Hospital Mundra Pvt. Ltd.</li> </ul>	
			<ul> <li>Financial Assistance for Critical Illness</li> <li>Understanding the burden of life- threatening 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</li> </ul>	



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		Blocks have received critical medical assistance at Adani Hospital, Mundra, in collaboration with Adani GK General Hospital, Bhuj.		
		<ul> <li>General_Health Camp</li> <li>It aims to make quality healthcare accessible to underserved communities by providing free consultations and basic medical services.</li> <li>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. In the current year 1922 patients benefited though General Health Camp</li> </ul>		
		<ul> <li>Specialty Health Camp</li> <li>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 In the current year 3217 patients benefited through Specialty Health Camp.</li> </ul>		
		<ul> <li>Eye Vision Care Initiative</li> <li>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</li> </ul>		



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		process of registration to eyeglass dispensing, and cataract surgery support. In the current year 10,000 patients benefited though Eye Vision Care program.
		❖ Cataract-Free Mundra Initiative
		<ul> <li>To combat vision loss among the elderly, the Cataract-Free Mundra campaign has screened 567 individuals at the village level.</li> <li>Patients identified with cataracts are referred to GK General Hospital, Bhuj, for surgery, followed by post- operative care and follow-ups. This initiative has restored vision for many senior citizens, helping them regain independence and quality of life. In the current year 68 successful cataract operations through Cataract-Free Mundra campaign.</li> </ul>
		<ul> <li>Menstrual Hygiene Awareness Camps</li> <li>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.</li> </ul>
		❖ Medical Services Data from April 2024 to March
		<ul> <li>- 2025:</li> <li>Mobile Van – 11066 beneficiaries</li> <li>Rural Clinic – 2500 beneficiary</li> <li>Medical Support &amp; Dialysis – 2733 beneficiary</li> <li>General Health Camp – 1922 beneficiary</li> <li>Specialty Health Camp – 3217 beneficiaries</li> <li>Blood Donation Camp – 2902 beneficiary</li> <li>Cataract Camp – 567 beneficiaries</li> <li>Eye Vision Care – 10000 beneficiaries</li> <li>Driver Health Check Up – 7156 beneficiaries</li> </ul>
		<ul> <li>Animal Husbandry:</li> <li>Fodder support to 24 Villages, benefiting 36808 cattle, Dry Fodder Support - 15,74,250 Kg</li> <li>Green Fodder Support - 51,66,805 Kg</li> <li>Under the Preventive Health Care program, the</li> </ul>



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		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.  • Cattle vaccinated -14,056 • Deworming tablet distributed – 1460 • Cattle benefited – 15000+  > WOMEN EMPOWERMENT:  Livelihood – Fisher folk, Agriculture & 88 Self Help Groups • 88 Self Help Groups • 88 Self Help Groups • 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 handicrafts, 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.		



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		<ul> <li>* "CHETNA" - INITIATIVE WITH GENDER DIVERSITY</li> <li>Adani Foundation, in collaboration with Unnati Portal and Adani Solar, launched an initiative to provide equal opportunities for employment and self-development to women from Kutch.</li> <li>Till Now 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.</li> </ul>
		<ul> <li>★ Highlights of the Work done by our SHG!</li> <li>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/</li> <li>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.</li> <li>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.</li> <li>Skill Training: Stone Dust Art Training Mud Art Training Beauty &amp; wellness Training. 100+ Local women empowered</li> <li>Exposure Visit: Visit to Welspun Stitching Centre for women to learn about stitching enterprises</li> <li>New SHG Formation:</li> <li>Madhav Saheli" a Food service SHG</li> <li>"Gopinath Saheli" a Tailoring SHG</li> <li>"Suidhaga" a Tailoring SHG</li> <li>CELEBRATED INTERNATIONAL WOMEN'S DAY</li> </ul>
		<ul> <li>WITH 1,000 LAKHPATI DIDIS:</li> <li>On 5th March, Adani Foundation celebrated the</li> </ul>



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		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.
		<ul> <li>MENSTRUAL HYGIENE AWARENESS:</li> <li>Adani Foundation is dedicated to educating and empowering rural girls and women from marginalized communities about menstrual health.</li> <li>We aim to break negative social stigmas around menstruation and improve their overall well-being.</li> <li>61 Villages covered</li> <li>8300+ School girls &amp; women participated till now</li> </ul> EMPOWERING FISHERFOLK COMMUNITIES THROUGH
		EDUCATION:
		<ul> <li>❖ PERSISTENT EFFORTS FOR FISHERMAN DEVELOPMENT:</li> <li>• Educational Kit Support - 686 beneficiaries</li> <li>• Fisherman Shelter Support - 273 beneficiaries</li> <li>• Vehicle transportation Support - 1368 beneficiaries</li> <li>• Cycle Support to high school going students - 111 beneficiaries</li> <li>• Scholarship Support - 648 beneficiaries</li> <li>• Youth Employment - 494 beneficiaries</li> <li>• Linkage with Fisheries Scheme - 195 beneficiaries</li> <li>• Ramatotasav Community Engagement - 3534 beneficiaries</li> <li>• Man-Days mangrove plantation - 56,523 beneficiaries</li> </ul>
		<ul> <li>Scholarship Support:</li> <li>To uplift financially challenged communities, we extended scholarships support of Rs. 3,58,765 to</li> </ul>



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	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.  * 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
	❖ BIOGAS PROJECT
	Condition



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		<ul> <li>DRIP IRRIGATION - ENHANCING LIVELIHOODS IN KUTCH:</li> <li>The Drip Irrigation Initiative by Adami Foundation promotes efficient water use in farming by providing financial support to farmers for installing drip systems. It helps conserve water, increase a violet and account and the content of the conte</li></ul>
		improve crop yield, and encourage sustainable agriculture in Kutch.  In 2024-25, Adani Foundation supported sustainable water management in Kutch by



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			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 ecofriendly farming practices in the region.
			❖ Natural Farming
			<ul> <li>As part of our commitment to sustainable agriculture, we have focused on promoting natural farming practices to conserve soil health and enhance environmental sustainability.</li> <li>Till Date 2,275 Farmers trained in</li> <li>Natural Farming</li> <li>226 Farmers successfully transformed to 100% Natural Farming</li> <li>857 Farmers linked with GOG to support cattle welfare scheme</li> <li>Green Carnival</li> </ul>
			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
			<ul> <li>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. Achieved Rs. 6,49,640+ Total revenue.</li> </ul>
		Education	Enriched reading corners to develop reading habits
			<ul> <li>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</li> <li>2,09,640 Books issued between students</li> </ul>
			<ul> <li>Progressive Students: Strengthening foundational literacy, numeracy and skills</li> <li>A total of 6,540 students from Class 3 to 7 were assessed in reading, writing, and math skills, with</li> </ul>



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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  • Distribution of sports kits, music kits, TLM kits, and stationery kits, to 12K+ Students  • Value education is imparted through films that teach important life lessons and moral values to 1K+ Students  • Provide students to engage in fun and educational activities, fostering their holistic development. 8K+ students.  • Children toy foundation kit to 5k+ Students  • Building as Learning Aid (7k+ Students): BALA transforming school spaces into vibrant learning environments through creative artwork.  • Environmental Education Project: 80 Schools, 12000+ Students  • Adani Competitive Coaching Center: 27 School, 500+ Students  • Oasis Reading workshop: 700+ Workshop. 20000+ Students  • Capacity building of teachers: 150  • Teachers, 16000+ Hours  • Key finding of third-party assessment:  • The Utthan program assessment employed a quasi-experimental, mixed-methods design with pre-post comparisons and stratified random and purposive sampling to evaluate students outcomes, program impact, and sustainability.  • The sample included 288 intervention students, 96 non- intervention students, 53 Sahayak, 30 head teachers, 30 SMC members, 30 parents, and community members, with data collected through FGDs, SSIs, and Klis, 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.	Sr. No.	Condition	Compliance Status as on 30-03-2025
Value education is imparted through films that teach important life lessons and moral values to 1K+ Students  Provide students to engage in fun and educational activities, fostering their holistic development. 8K+ students.  Children toy foundation kit to 5k+ Students  Building as Learning Aid (7K+ Students): BALA transforming school spaces into vibrant learning environments through creative artwork.  Environments Hough creative artwork.  Environmental Education Project: 80 Schools, 12000+ Students  Adani Competitive Coaching Center: 27 School, 5000+ Students  Oasis Reading workshop: 700+ Workshop. 20000+ Students  Capacity building of teachers: 150  Teachers, 16000+ Hours  Key finding of third-party assessment:  The Utthan program assessment employed a quasi-experimental, mixed-methods design with pre- post comparisons and stratified random and purposive sampling to evaluate student outcomes, program impact, and sustainability.  The sample included 288 intervention students, 96 non- intervention 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.	NO.		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  • Distribution of sports kits, music kits, TLM kits,
<ul> <li>More than 90% of the students have achieved proficiency in reading, writing and numeracy skills</li> </ul>			<ul> <li>Value education is imparted through films that teach important life lessons and moral values to 1K+ Students</li> <li>Provide students to engage in fun and educational activities, fostering their holistic development. 8K+ students.</li> <li>Children toy foundation kit to 5k+ Students</li> <li>Building as Learning Aid (7K+ Students): BALA transforming school spaces into vibrant learning environments through creative artwork.</li> <li>Environmental Education Project: 80 Schools, 12000+ Students</li> <li>Adani Competitive Coaching Center: 27 School, 5000+ Students</li> <li>Oasis Reading workshop: 700+ Workshop. 20000+ Students</li> <li>Capacity building of teachers: 150</li> <li>Teachers, 16000+ Hours</li> <li>★ Key finding of third-party assessment:</li> <li>The Utthan program assessment employed a quasi-experimental, mixed-methods design with pre- post comparisons and stratified random and purposive sampling to evaluate student outcomes, program impact, and sustainability.</li> <li>The sample included 288 intervention students, 96 non- intervention 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.</li> <li>More than 90% of the students have achieved</li> </ul>



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C <sub>c</sub>		Compliance Status as an
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INO.		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 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.
		<ul> <li>Holistic Development &amp; Achievements</li> <li>Academic and Institutional Developments: Board exam results showcased excellent student performance, with targeted remedial sessions introduced for continuous improvement.</li> <li>The Housekeeping Training Program (May 28) emphasized cleanliness and hygiene maintenance among staff.</li> <li>Teacher Development and Training: Teacher Capacity Building Program (June 6) enhanced instructional strategies and curriculum planning.</li> <li>NABET Accreditation Training (June 12) ensured compliance with national educational standards.</li> <li>Technological Advancements: Inauguration of a New Computer Lab (Sept 27) enhanced digital learning opportunities.</li> <li>Al and Google Gemini Training (Nov 16) prepared educators for modern teaching methodologies.</li> <li>Cultural and Co- Curricular Activities: World Book Day (April 23) promoted reading culture through storytelling and book exhibitions.</li> <li>International Yoga Day (June 21) emphasized</li> </ul>



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		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.  Project Udaan - Inspiring Minds  About Project: 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.  Total 408 no. of Schools/Colleges/ Institutes participated.  Community Infrastructure 8 Environmental Sustainability  Community Infrastructure Development PROJECTS & ITS BENEFICIARIES  Renovation of Aanganwadi, Goyarsama Village – 40 beneficiaries  Construction of Pipe Culvert, Old Bandar Fisherman Vasahat - 1200 beneficiaries  Open Shed & Community Hall, Sukhpurvah Mundra – 1200 beneficiaries  Open Shed at PTC College, Mundra – 160 beneficiaries  Popen Shed at Mokha Parking – 2000 beneficiaries  Open Shed at Mokha Parking – 2000 beneficiaries  Canal Cleaning & Chamber Renovation, Bhadreswar Village – 120 beneficiaries  Renovation of Approach Road, Shekadiya and Luni – 1200 beneficiaries  Ro. Plant Installation, ITI Mundra & Sanjivni School – 800 beneficiaries  Paver Block Floor Work, Wandi Village – 2000 beneficiaries  Paver Block Floor Work, Wandi Village – 2000 beneficiaries
L	<u> </u>	/ COMMONT IN MASTROCIONE DEVELOPMENT



From : Oct'24 To : Mar'25

Sr.		Compliance Status as on
No.	Condition	30-03-2025
		KEY COMMUNITY INFRASTRUCTURE
		DEVELOPMENTS:
		Educational Escilitus Bassustians
		<ul> <li>Educational Facility Renovations</li> <li>High School, Zarapra: 550 students benefited.</li> </ul>
		<ul> <li>Aligh School, Zarapia. 330 students benefited.</li> <li>Aanganwadi, Goyarsama: 40 students benefited.</li> </ul>
		High School, Desalpar: 550 students benefited.
		Kasturba Girls Hostel, Desalpar: 150 girls
		benefited.
		Infrastructure Improvements:  Diag Output Old Boardon 1000 accels benefited.
		<ul> <li>Pipe Culvert, Old Bandar: 1200 people benefited.</li> <li>Box Culvert &amp; CC Road, Zarpara: 12000 people</li> </ul>
		benefited.
		o Approach Road, Shekadiya & Luni: 1200 people
		benefited.
		<ul> <li>Approach Road, Vadi Vistar: 800 farmers benefited.</li> </ul>
		Water Management Projects:
		Percolation Well, Mota Bhadiya: 80 farmers
		benefited.
		o Percolation Bore Cleaning, GPVC Villages: 3150
		farmers benefited.
		<ul> <li>Pond Deepening &amp; Road Cleaning, GPVC Villages:</li> <li>6KM cleaned.</li> </ul>
		Sanitation and Health Initiatives:
		R.O. Plant, ITI Mundra & Sanjivni School: 800
		students benefited.  o Toilet Block for Disabled, GPVC Villages: 5 families
		benefited.
		o Painting & Office Work, CHC Mundra: 14600
		people benefited.
		> 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



From : Oct'24 To : Mar'25

Sr. No.	Condition	Compliance Status as on 30-03-2025
140.		Palak Mata Pita Scheme. This support results in a
		combined aid of Rs. 3.37 crore monthly.
		> SWAVLAMBAN - "A STEP TOWARDS
		INCLUSIVITY"  ❖ Under this initiative, the Adani foundation has
		pledged annual financial assistance of ₹10 lakh to 500 married female divyangs.
		* Impact
		<ul> <li>Ensuring a future of dignity, security, and stability for beneficiaries.</li> </ul>
		<ul> <li>Strengthening inclusivity and social upliftment through impactful support.</li> </ul>
		> INNOVATIVE ENVIRONMENTAL SOLUTIONS FOR SUSTAINABLE FUTURE:
		❖ TERRESTRIAL BIODIVERSITY
		<ul> <li>Project Adani Van: "Harit Paryavaran ki Ek Pahel" focuses on afforestation and community involvement, transforming barren lands into thriving forests with 88,303 plants, enhancing local biodiversity.</li> </ul>
		❖ COASTAL BIODIVERSITY
		The mangrove plantation project at the Luni coastal belt has created 162 hectares of dense mangrove forests, providing a new habitat for various species and showcasing the area's ecological richness.
		❖ PLASTIC FREE ENVIRONMENT
		<ul> <li>This initiative educates children about plastic pollution and promotes reducing, reusing, and recycling plastic to foster environmental responsibility.</li> </ul>
		<b>❖</b> WATER CONSERVATION
		<ul> <li>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.</li> </ul>
		❖ SOLAR PROJECTS:
		<ul> <li>Surya Ghar initiative provides sustainable energy solutions by installing solar panels, significantly reducing electricity costs and promoting environmental sustainability in rural</li> </ul>



From : Oct'24 To : Mar'25

Sr. a	Compliance Status as on
Condition	·
No. Condition	compliance Status as on 30-03-2025  communities.  Adani Van - Harit Par yavaran 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.  Biodiversity Knowledge & Interpretation Center Biodiversity & Interpretation Center: The center is dedicated to educating, inspiring, and engaging the community in conserving Gujarat's rich biodiverse.  Nursery Development: A nursery of 10,000 mangrove seeds was established at the Luni site with the active participation of local fishermen.  Training Sessions: 30+ Employee Training on Biodiversity Conservation at Mundra Petrochem LTD.  Awareness Sessions: An awareness lecture was held at Adani Vidya Mandir, Bhadreshwar, with 50+ students participating.  Workshop was held with participation One-day workshop was held with participation of 200+ students of University.  Nurturing A Plastic-free Generation  Plastic Free Villages:  2 villages & 8500 individuals targeted  50+ local vendors, 70+ women in SHGs 325+ students were aware by sessions  Green School Project:  Covering 75+ Schools  12000+ Kg Single used plastic recycle at Zero
	Cost
	Coastal Cleanup Day:



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Sr.		Compliance Status as on
No.	Condition	Compliance Status as on 30-03-2025
		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
		<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: Structures: 29 Water Capacity Increase: 1,072,332 CUM Beneficiaries: 30,870 Impact: Enhances water storage and irrigation. Rainwater Harvesting Structures (RRWHS): Structures: 330 Water Capacity Increase: 3,300,000 CUM Beneficiaries: 1,650 Impact: Maximizes rainwater capture and usage. Rs. 10950 yearly saved/house Pond Deepening: Structures: 135 Water Capacity Increase: 1,028,403 CUM Beneficiaries: 18,350 Impact: Improves water retention and availability. Construction of Percolation Wells Structures: 26 Ground Water Recharge: Significant Beneficiaries: 3,000 Impact: Boosts groundwater levels and availability. Bore/Well Recharge Structures: 209
		<ul> <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> </ul>



From : Oct'24 To : Mar'25

Sr.		Compliance Status as on		
No.	Condition	30-03-2025		
		<ul> <li>Structures: 8</li> <li>Purpose: Drinking Water</li> <li>Beneficiaries: 9,600</li> <li>Impact: Provides reliable drinking water sources</li> </ul> SURYA GHAR PROJECT - 100% SOLAR VILLAGE <ul> <li>Adani Foundation, through its CSR initiative, has</li> </ul>		
		<ul> <li>launched the Surya Ghar Project to transform 2 villages into 100% solar-powered communities.</li> <li>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.</li> </ul>		
		<ul> <li>The project benefits 4,500+ people.</li> <li>Environmental Benefits</li> <li>Significant reduction in carbon footprint.</li> <li>Promotes clean, renewable energy.</li> <li>Serves as a replicable model for other rural communities</li> </ul>		
		<ul> <li>ADANI SKILL DEVELOPMENT CENTER (ASDC)</li> <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,</li> </ul>		



From : Oct'24 To : Mar'25

Sr. No.	Condition	Compliance Status as on 30-03-2025				
			facilitating job opportunity of the results of the	rs a vital moting ge	role ii nder equ	n driving Jality, and
			JOC (RTG Crane	00	140	140
			Operator)	7.0	1.4	
			DDEO	30 01	14 00	01
			Tally with GST Beauty Therapist	134	00	134
			Painting/Drawing	06	09	15
			Training		O 9	
			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 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 SKILL</li> <li>RTG Crane Operations, ensuring handling.</li> <li>Data &amp; Financial Material Tally with GST, of management and firms.</li> <li>Skill Enhancement the above programms skill set for various in the Personal Care and Therapist and First.</li> </ul>	ation: Est g safe an anagement critical for nancial cor Programs: as, ensurin ndustries. d Safety:	sential d efficie : Include r accur npliance Encomp g a wel	for port ent cargo s DDEO & ate data casses all I-rounded as Beauty



From : Oct'24 To : Mar'25

Sr. No.	Condition	Compliance Status as on 30-03-2025		
		<ul> <li>care industry and essential safety knowledge.</li> <li>Artistic and Craftsmanship Development:         Includes Painting / Drawing Training, Mud Work,         and Dori Work, enhancing creativity and         traditional crafts.</li> <li>Language and Software Proficiency: Covers         German Language, Advance Excel, and EDP –         Tie up with CED, boosting communication and         technical skills.</li> </ul>		
		Please refer <b>Annexure – 2</b> for full details of CSR activities carried out by Adani Foundation in the Mundra 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.		
		Till Mar'25, Adani Foundation has done total expenditure of INR 188.41 Cr. for CSR activities in Kutch region since its inception.		
viii	APSEZ will voluntarily return the grazing land, if any, in their possession.	Point noted.  All lands are acquired through proper procedure prescribed by State Government. However, APSEZ has agreed for voluntarily giving land back to Zarpara village for the purpose of Gauchar. Land has been identified in the presence and confirmation of Gram Panchayat. Necessary procedure has been initiated by APSEZ vide its letter dated 09th Aug 2012 with concerned revenue authority with respect to surrender of gauchar land at village Zarpara. Same has been taken up by revenue department for necessary procedure of transfer and is under process. Details of the same were submitted along with half yearly compliance report for the period Apr'19 to Sep'19.		
		As per recommendations given in Joint Review Committee visit report dated 1st December 2021, APSEZ has approached M/s. Indian Grassland and Fodder Research Institute (IGFRI), Jhansi to get the consultancy work for enhancing / upscaling the forage production in Gauchar Land at Zarpara in 400 acres. Proposal received from IGFRI was submitted along with half yearly compliance report for the period Apr'22 to Sep'22.		
		The officials of M/s. Indian Grassland and Fodder Research Institute (IGFRI), Jhansi have visited at proposed Gauchar Land development site at Zarpara village dated 8 <sup>th</sup> to 10 <sup>th</sup> May 2023		



From : Oct'24 To : Mar'25

Sr. No.	Condition	Compliance Status as on 30-03-2025
		for site survey work and according to guidance & suggestion of IGFRI, APSEZ will start the work for developing the Gauchar Land. IGFRI has provided site visit report with technical recommendations. Final Report with conclusion / recommendations from IGFRI and compliance report of its recommendation were submitted along with EC compliance report for the period Apr'23 to Sep'24.
x.	A regional strategic impact assessment report with a special focus on Mundra region will also be prepared. The cost towards these studies will also be borne by PP.  In the subject matter of thermal power plant, the proposed regional strategic Impact assessment analysis will take In to account salinity aspect along with Its potential environmental Impact to suggest future corrective actions as well as the guiding tool on extension and addition of the capacities.	Complied  This reply covers direction no ix and x.  1. APSEZ vide its letter dtd. 24 <sup>th</sup> Feb 2014 has submitted draft ToR for preparation of CIA report to GCZMA for their approval.  2. GCZMA vide its letter dtd. 19 <sup>th</sup> Dec 2014, has approved ToR for CIA.  3. Based on the ToR finalized by GCZMA (as per the instructions of MoEF8CC) for carrying out regional impact assessment study, APSEZ awarded the work to NABET accredited consultant M/s. Cholamandalam MS Risk Services Ltd. to carry out the studies, vide SO dtd 10 <sup>th</sup> Feb 2016 as stated in these directions.  4. Primary baseline environmental monitoring data collection during March – June 2016 and published secondary data on various environmental attributes. have been considered for the study.  5. The study has been concluded and the final report was submitted to GCZMA and MoEF8CC for their consideration vide our letter dated 30.04.2018.  6. Reminder letter has been submitted to GCZMA for their comments and consideration vide letter dated 4 <sup>th</sup> Jan 2019.  Details of above chronology were submitted along with half yearly compliance report for the period Apr'19 to Sep'19.  Total cost of the study is approx. INR 1.3 cr. which is financed by APSEZ.  The stated study was carried out in following 3 phases.  • Baseline data collection and review of the past EIA reports and clearances issued to APSEZ.  • Mathematical modelling and other technical studies for identification of potential impacts (for the year 2030) of the approved and existing project activities.



From : Oct'24 To : Mar'25

Sr.	Condition	Compliance Status as on			
No.		30-03-2025			
		<ul> <li>Development of macro level EMP for the phase wise implementation of actionable points.</li> </ul>			
		As part of the study, following modelling exercises / technical studies have been carried out to study the impacts on all environmental attributes:  • Ambient air quality  • Marine (Hydrodynamic, Thermal & Salinity dispersion, Sediment transport)			
		<ul> <li>Noise level</li> <li>Traffic assessment</li> <li>Oil spill contingency plan</li> </ul>			
		Water resource and salinity ingress			
		Land Use / Land Cover     Coninger of Decisional infrastructure			
		<ul><li>Socioeconomic, Regional infrastructure</li><li>Waste management</li></ul>			
		Ecology, Bio diversity and Fisheries			
		Shoreline change assessment			
		Preparation of these reports require extensive use of modelling software and study of the available information / research reports to assess the impacts on individual attribute of environment. Based on the modelling outcomes and findings of the technical studies, a macro level environment management plan is prepared.			
		Inline to the present stage of the project, APSEZ is already complying, as per Environment Management Plan and further recommendations, applicable to APSEZ as mentioned in the EMP, wrt Traffic Management Plan, Ground water quality management, Salinity ingress programme, Air and Noise quality Management, Surface and Marine water quality management, Ecology and Biodiversity Management, Solid & Hazardous waste management, Socio-economic Management and Shoreline Management, will be implemented in phase wise manner as per the progress of development within the boundary limits of APSEZ.			
		The final CIA Report was prepared inline to the ToR by Chola MS and the same was submitted to the GCZMA on 30.04.2018. Details of the same were submitted along with half yearly EC Compliance report for the period Apr'18 to Sep'18. Presentation on the findings of the report was made to GCZMA committee on			



From : Oct'24 To : Mar'25

Sr. No.	Condition	Compliance Status as on 30-03-2025
		4 <sup>th</sup> October 2019 and after detailed discussion, authority has decided to constitute committee to discuss the details of the report further.
		Reminder Letter vide dated 07.09.2020 & 10.03.2021 submitted to the GCZMA, Gandhinagar for further directives to present the findings of the CIA report in detail. Details were submitted as a part of half yearly EC compliance report for the period Oct'20 to Mar'21.
		Presentation done before GCZMA on 31.10.2021 and 16.02.2021 to discuss proposed EMP of CIA study in detail and way forward.
		GCZMA, Gandhinagar issued a letter to co-ordinate with various departments in the matter of CIA with Gujarat Pollution Control Board as Nodal Agency vide dated 12th July, 2022. APSEZ submitted the letter to GPCB for detailed deliberation and suitable action / way forward vide letter dated 20th July, 2022. The copy of acknowledgement was submitted in the last compliance period Apr'22 to Sep'22.
		However, APSEZ is already complying with the Environment Management Plan (applicable to APSEZ) suggested in Cumulative Impact Assessment report. The detailed compliance, applicable to APSEZ is attached as <b>Annexure – 17</b> .



From : Oct'24 To : Mar'25

Status of the conditions stipulated in Environment and CRZ Clearance

Annexure - C
Compliance Status of MoEF&
CC Recommendation of the
proposal No.
IA/GJ/NCP/261191/2022
of dated 15<sup>th</sup> July, 2022



From : Oct'24 To : Mar'25

Sr. No.	Condition	Compliance Status as on 31-03-2024
2	CRZ area within the project boundary can be used for carrying out permissible activities either by APSEZ or any Industry through specific permission. However, if activities other than those recommended by the GCZMA earlier is proposed, fresh recommendations need to be obtained.  Individual industries/APSEZ will obtain CRZ clearance a fresh from concerned authorities to carry out permissible activities within CRZ area.	Point noted and agreed.  APSEZ or any other industry will obtain requisite permissions from regulatory authorities for utilization of CRZ area falls within the APSEZ boundary for carrying out permissible activities in line with CRZ Notification, 2011.  APSEZ has obtained separate EC & CRZ Clerance for utilization of CRZ area of SEZ as port back-up area as well as development of supporting infrastructures / utilities under WFDP-Expansion project.
3	All the recommendations stipulated in the Mangrove Conservation Plan to be implemented in totality.	Complied  This reply covers condition no ii, iii, ix, x, xi, xii & xiii in EC compliance report.
4	All other conditions mentioned in the letter No. 10-138/2008-IA.III and dated 15th July 2014 shall remain unchanged	Point noted and agreed.

## Annexure - i

रजिस्ट्री सं. डी.एल.- 33004/99



सी.जी.-डी.एल.-अ.-14022025-261011 CG-DL-E-14022025-261011

#### असाधारण EXTRAORDINARY

भाग II—खण्ड 3—उप-खण्ड (ii) PART II—Section 3—Sub-section (ii)

प्राधिकार से प्रकाशित PUBLISHED BY AUTHORITY

सं. 731]

नई दिल्ली, बुधवार, फरवरी 12, 2025/माघ 23, 1946

No. 731]

NEW DELHI, WEDNESDAY, FEBRUARY 12, 2025/MAGHA 23, 1946

#### वाणिज्य एवं उद्योग मंत्रालय (वाणिज्य विभाग)

(एसईजेड अनुभाग)

#### अधिसूचना

नई दिल्ली, 11 फरवरी, 2025

का.आ. 735(अ.).— यतः, मै. अदानी पोर्ट्स एंड स्पेशल इकोनॉमिक जोन लिमिटेड, ने गुजरात राज्य में मुंद्रा, कच्छ जिला में बहु उत्पाद के लिए एक क्षेत्र विशिष्ट विशेष आर्थिक जोन की स्थापना हेतु विशेष आर्थिक जोन अधिनियम, 2005 (2005 का 28), (जिसे एतद्पश्चात् उक्त अधिनियम कहा गया है) की धारा 3 के अंतर्गत प्रस्ताव किया था:

और यतः, केन्द्र सरकार ने, विशेष आर्थिक जोन नियमावली, 2006 के नियम 8 के साथ पठित उक्त अधिनियम की धारा 4 की उप-धारा (1) द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए, निम्न तालिका में उल्लेखित क्षेत्रों को उपरोक्त विशेष आर्थिक जोन में अधिसूचित तथा अनिधसूचित किया था;

1085 GI/2025 (1)

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क्रम संख्या	अधिसूचना संख्या और दिनांक	अधिसूचित क्षेत्र (हेक्टेयर में)	अनधिसूचित क्षेत्र (हेक्टेयर में)	कुल क्षेत्र (हेक्टेयर में)
1.	का.आ. 3029(अ) दिनांक 21.09.2016	8481.2784	-	8481.2784
2.	का.आ. 2452(अ) दिनांक 04.07.2019	-	46.6894	8434.5890
3.	का.आ. 4904(अ) दिनांक 29.11.2021	-	151.8220	8282.7670
4.	का.आ. 4424(अ) दिनांक 21.09.2022	-	48.5830	8234.1840

और यतः, मै मै. अदानी पोर्ट्स एंड स्पेशल इकोनॉमिक जोन लिमिटेड ने अब उपरोक्त विशेष आर्थिक क्षेत्र से 333.7396 हेक्टेयर के क्षेत्र को अनिधसूचित करने का प्रस्ताव किया है;

और, यतः गुजरात राज्य सरकार ने उनके पत्र सं. आईसी/इंफ्रा/एसईजेड/एनओसी/2603621 दिनाक 22 मार्च, 2024 के प्रत्र के अनुसार प्रस्ताव को मंजूरी दे दी है। अनिधसूचना के बाद, अनिधसूचित भूखंडों का उपयोग औद्योगिक उद्देश्य और बुनियादी ढांचे के निर्माण के लिए किया जाएगा, जो मूल रूप से परिकल्पित एसईजेड के उद्देश्य को पूरा करेगा। अनिधसूचना के बाद ऐसा भूखंड संबंधित राज्य सरकार के भूमि उपयोग दिशा-निर्देशों/मास्टर प्लान के अनुरूप होगा;

और यतः विकास आयुक्त, अदानी पोर्ट्स विशेष आर्थिक जोन ने विशेष आर्थिक जोन के 333.7396 हेक्टेयर के सम्पूर्ण क्षेत्र को अनिधसूचित करने के प्रस्ताव की संस्तुति की है;

और यतः, केन्द्र सरकार इस बात से संतुष्ट है कि अधिनियम की धारा 3 की उप-धारा (8) के अंतर्गत अपेक्षाओं तथा अन्य सम्बंधित अपेक्षाओं को पूरा कर लिया गया है;

अतः अब, विशेष आर्थिक जोन अधिनियम, 2005 की धारा 4 की उप-धारा (1) के दूसरे परन्तुक द्वारा प्रदत्त शक्तियों का प्रयोग करते हुए और विशेष आर्थिक जोन अधिनियम, 2006 के नियम 8 के अनुसरण में केन्द्र सरकार एतद्वारा 333.7396 हेक्टेयर के क्षेत्र को उक्त विशेष आर्थिक जोन के भाग से अनिधसूचित करती है, जिसके परिमाणतः कुल क्षेत्रफल 7900.4444 हेक्टेयर हो जाएगा। अनिधसूचना के लिए सर्वेक्षण संख्या और क्षेत्रफल नीचे तालिका में दिए गए हैं:-

#### अनधिसूचित क्षेत्र हेतु तालिका

क्र.सं	गावं का नाम	सर्वे नंबर	घटाया जाने वाला क्षेत्रफल (हेक्टेयर में)
1.	टुंडा	180/P	61.8403
2.		सर्वेक्षण रहित भूमि	271.2537

3.		180 पाइकी	0.6456
कुल			333.7396
उपयुक्त घटाव के पश्चात एसईजेड का कुल क्षेत्रफल			7900.4444

[फा. सं. एफ.1/12/2016-एसईजेड] विमल आनंद, संयुक्त सचिव

## MINISTRY OF COMMERCE AND INDUSTRY (Department of Commerce) (SEZ SECTION)

#### **NOTIFICATION**

New Delhi, the 11th February, 2025

**S.O. 735 (E).** – Whereas, M/s. Adani Ports & Special Economic Zone Ltd, had proposed under section 3 of the Special Economic Zones Act, 2005 (28 of 2005), (hereinafter referred to as the said Act) to set up a sector specific Special Economic Zone for multi-product SEZ at Mundra, Kutch, in the State of Gujarat;

And, whereas, the Central Government, in exercise of the powers conferred by sub-section (1) of section 4 of the said Act read with rule 8 of the Special Economic Zones Rules 2006, had notified and denotified the following areas at above Special Economic Zone as details given below in the table: -

Sl. No.	Notification No. and Date	Notified area (in Ha)	De-notified area (in Ha)	Total resultant area (in Ha)
1.	S.O.3029(E) dated 21.09.2016	8481.2784	-	8481.2784
2.	S.O.2452(E) dated 04.09.2019	-	46.6894	8434.5890
3.	S.O.4904(E) dated 29.11.2021	-	151.8220	8282.7670
4.	S.O.4904(E) dated 21.09.2022	-	48.5830	8234.1840

AND, WHEREAS, M/s. Adani Ports & Special Economic Zone Ltd has now proposed for denotification of 333.7396 hectares from the above Special Economic Zone;

AND, WHEREAS, the State Government of Gujarat has given its approval to the proposal vide letter No. IC/INFRA/SEZ/NOC/2603621 dated 22<sup>nd</sup> March, 2024. After de-notification, the de-notified parcels of land would be utilised for industrial purpose and creation of infrastructure which would sub-serve the objective of the SEZ as originally envisaged. Such land parcel after de-notification will confirm to land use guidelines/ master plans of the respective State Government;

AND, WHEREAS, the Development Commissioner, Adani Port & Special Economic Zone has recommended the proposal for de-notification of an area of 333.7396 hectares of the Special Economic Zone.

NOW, WHEREAS, the Central Government is satisfied that the requirements under sub-section (8) of section 3 of the said Act and other related requirements are fulfilled;

Now, therefore, in exercise of the powers conferred by second proviso to sub-section (1) of section 4 of the Special Economic Zones Act, 2005 and in pursuance of rule 8 of the Special Economic Zones Rules, 2006, the Central Government hereby de-notifies an area of 333.7396 hectares, thereby making resultant area as 7900.4444 hectares, comprising the survey numbers and the area given below in the table, namely:-

#### TABLE FOR DE-NOTIFICATION AREA

S. No.	Name of Village	Survey No.	Area to be decreased (in Hectare)
1.		180/P	61.8403
2.	Tunda	Unsurveyed land	271.2537
3.		180 Paiki	0.6456
	Total	333.7396	
G	Frand total area of SEZ	7900.4444	

[F. No. F.1/12/2016-SEZ]

VIMAL ANAND, Jt. Secy.

## Annexure – 1

#### **ALGAL REMOVAL WORK FROM MANGROVE AREAS**

Creek area is regularly observed for checking algal encrustations. On the mangrove recruits & where the algal encrustation is found to be substantial, it is removed manually by deployment of required manpower. This operation is performed during the low tide conditions. The main object is to provide better growing condition for the growth of mangroves. Periodically, spread of Prosopis sp towards the mangrove areas is also observed as this species will compete with mangrove plants for growth.

#### Photographs of removal of algal encrustations:





## Annexure – 2



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



#### **CSK KUTCH**



**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

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#### **CSR HAZIRA**



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Education

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**VVIP & VIP Visits** 

Case Study

Beneficiaries list



#### **CSR DAHEJ**



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









## **Environment Sustainability**

"Sustain the earth, sustain life"





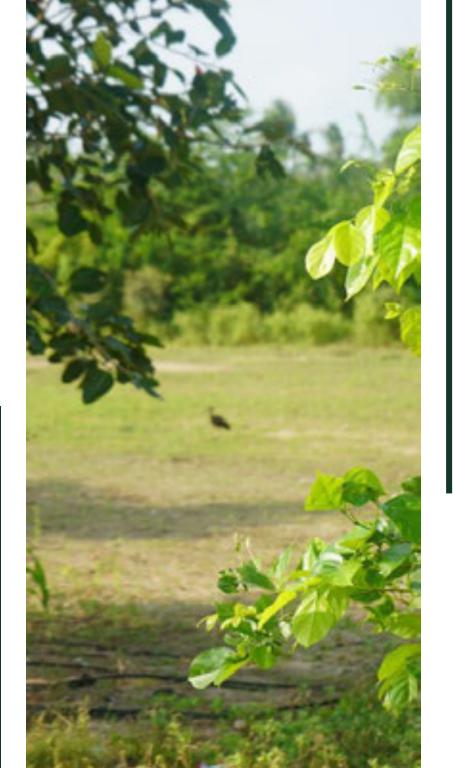




# CLIMATE

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 Adami Vanil 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 presied 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.



#### **WATER CONSERVATION**

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.

#### **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	Acre	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

Mangrove plantation has successfully established a new habitat and ecosystem for numerous organisms.

### BIODIVERSITY DOCUMENTATION

PhD students from various institutions have documented over 65 species from different phyla, showcasing the site's ecological richness.

#### MANGROVE PLANTATION

A total of 8,22,000 mangroves have been planted, contributing significantly to coastal protection and biodiversity.

## ENHANCED BIODIVERSITY

The project has increased the variety of species in the area, supporting a diverse range of flora and fauna.

## COASTAL PROTECTION

Mangroves act as natural barriers against coastal erosion and storm surges, protecting the shoreline and nearby communities.

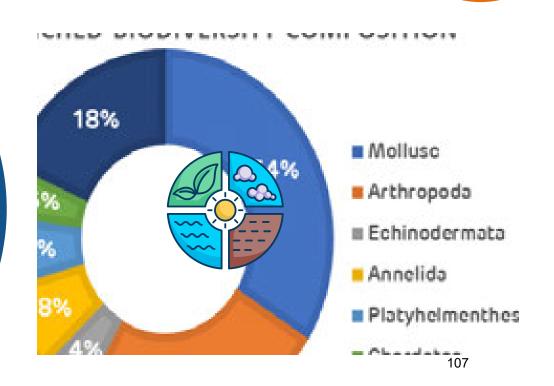
#### CARBON SEQUESTRATION

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.

01



#### **Plastic Free Villages**

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

02



03



#### **Green School Project**

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

#### Coastal Cleanup Day

> 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.



- 1.028.403 CUM
- Beneficiaries: 18,350

**Pond Deepening** 

• Impact: Improves water retention and availability.

#### Rainwater Harvesting Structures (RRWHS)

- 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.





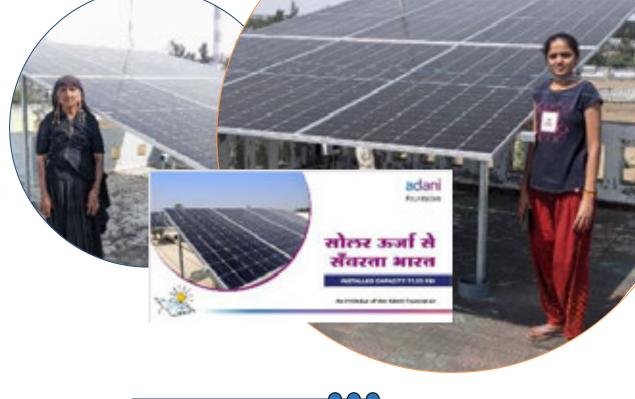


# Surya Ghar Project 100% Solar Village

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:



- Electricity bill reduced to Rs. O 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"

**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 ©inema 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.

69 Primary Schools

12 High Schools







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.

### Objectives:



Mainstreaming progressive learners



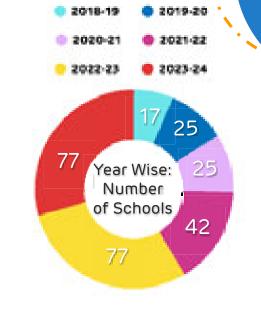
Character building by Co-curriculum activity



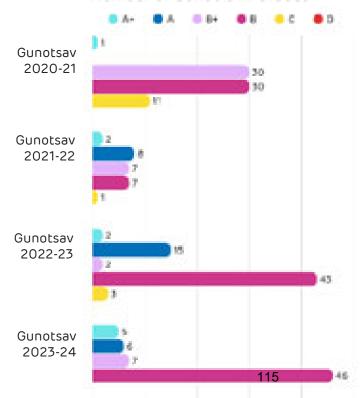
Creating joyful learning spaces



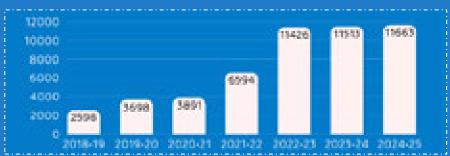
Mothers as catalyst in transformation



#### Number of Schools in Grades



#### Utthan Year wise students' strength



#### **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



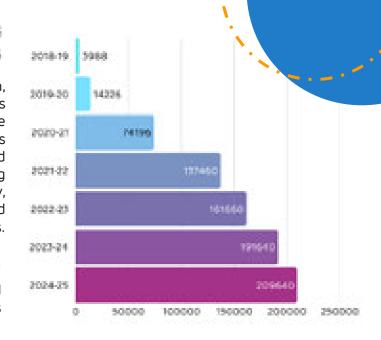
To enhance digital literacy, we introduce "IT On Wheels," a program designed to equip students with essential digital skills crucial for the 21st century. This initiative ensures that students are proficient in using technology, preparing them for future challenges.

# 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

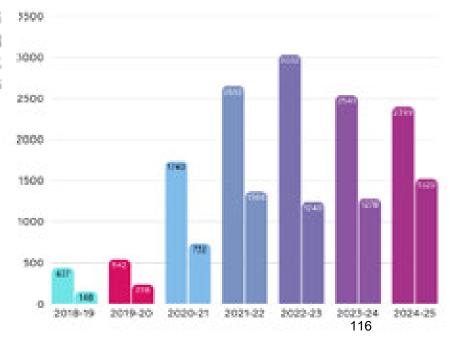


#### Progressive Students :Strengthening foundational literacy, numeracy and skills

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

Material distribution (12k+ Students)

School Cinema 1K+ Students)

Summer camp & Diwali Mela (8K+ Students)

Career counselling (12 High schools)

Distribution of sports kits, music kits, TLM kits, and stationery kits. Value education is imparted through films that teach important life lessons and moral values.

Provide students to engage in fun and educational activities, fostering their holistic development. for 10th class students to help them make informed decisions about their future.

Children toy foundation kit (5k+ Students)

Building as Learning Aid ( 7K+ Students)

Day Celebration (12k+ Students)

Creating joyful environment (12k+ Students)

Mind activities to enhance students' interest and cognitive development.

BALA transforming school spaces into vibrant learning environments through creative artwork.

Initiatives to enhance cocurricular activities and create a joyful learning atmosphere. Initiatives to enhance cocurricular activities and create a joyful learning atmosphere.

# 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

# Adami 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

#### 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

# 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

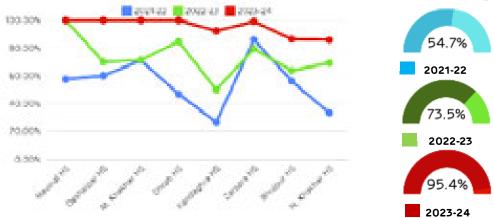
## High School Result Comparison

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 %





#### **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 non-intervention 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.



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 maintenance among staff.

# Teacher Development and Training

- 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.

# Student Welfare and Community Engagement

- 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 Education



- 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.

## Special Recognitions and Awards



- 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.

#### Cultural and Co-Curricular Activities



- 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: A Year of **Outstanding Achievements**

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

02

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



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



#### 1171

students who have embarked on their journeys through AVMB



06







# 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 government schools.

#### Vision

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

#### Mission

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







Total no. of Schools/Colleges/ Institutes

408

Total no. of participants

26346











# Sustainable Livelihood Projects

"Empowering hands, transforming lives"











# 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.





# Vaccination Camp



14,056
Cattle vaccinated

1460 Deworming tablet distributed

15,000+
Cattle benefited

959 Cattle owner benefited

126

# 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.



15,74,250kg Dry Fodder

51,66,805kg Green Fodder



15,005 Cattle benefited

1500+

Cattle owner benefited



# SLD - Fisherfolk Community

Persistent efforts • for Fisherman development •





111
Cycle Support to high school going students



273
Fisherman Shelter
Support



648 Scholarship Support



195 Linkage with Fisheries Scheme



1368

Vehicle transportation Support



494

Youth Employment



3534

Ramatotasav Community Engagement



56,523

Man-Days mangrove plantation



## 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





# 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.

129

#### 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.





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, contributing 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

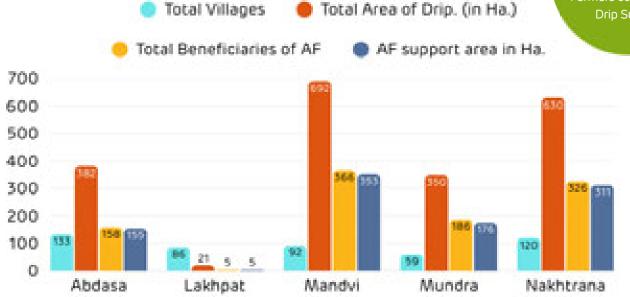
Geographical coverage in Kutch



# 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





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





Name of IG activity of SHG's/JLG/FPC's	Income 2023- 24 (INR)	Cumulative income (NR)
Sonal Saheli	338700	3378700
Sanitary Pad Saholi	25,600	282,266
Tejasvi Saheli	149200	4.454,250
Umang Saheli	54300	291100
Madhay Saheli	39600	549200
Soof Saheli	92000	153000
Meghadhanysh Saheli	458000	685090
Saheli Swa sahay Juch	105425	902850
Radhe Saheli	44500	924918
Shriddha Sahali	2600000	5179000
Chamunda Saheli	26900	1755700
Food Sister Sahlei	1755700	2640200
Jyot Saheli	44199	89199
Pantjangir gay Saheli	467000	1658000
Total	6201124	134 ******

## "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.

₹ 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



#### **Exposure Visit**

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



#### **New SHG Formation**

"Madhav 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











# Community Health

"A healthy community is a strong community"









# Community Health

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.



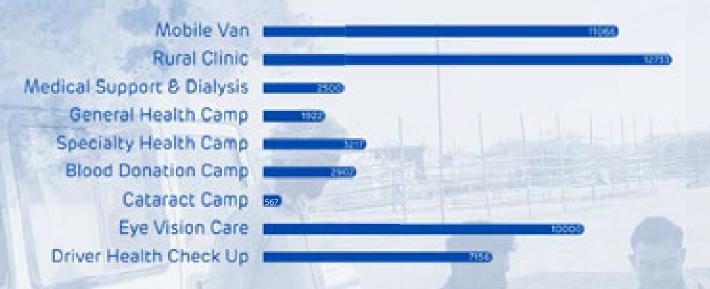








# **Our Service**



#### 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



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







#### **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 post-operative 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







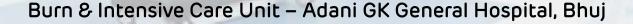
## Facility Highlights of Burn Care Center

- 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.



INCREASE THE SURVIVAL RATES





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.





## Community Infrastructure Development

"Infrastructure that connects, empowers, and sustains"







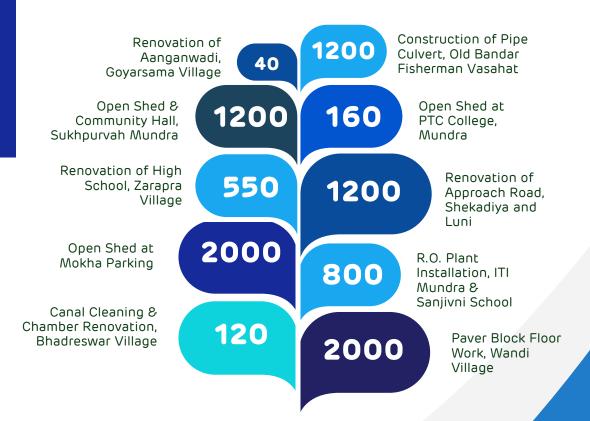


# Community Infrastructure Development



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





# 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.

1290



### 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 people benefited.

5800



### 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.

15200



#### 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.

3230



### Sanitation and Health Initiatives

- R.O. Plant, ITI Mundra 8 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







	Gov	vernment Schem	e Facilitation	ar- d
Sr. No	Scheme Detail	Gov. Support Rs/Month.	Total Beneficiaries	Total Amount per Month (INR)
3.13	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	34844100

## 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.

Advance Electric vehicle support to

48 Divyangs



Livelihood tools support to divyangs

Independence, dignity, and sustainable income opportunities to

50 Divyangs

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.



AF livelihood support to 1140+ Divyangs

Supported
2104 divyangs
in availing 3144
Government services





On the occasion of World Divyang Day, Adani Foundation celebrated the spirit of empowerment at the Swavlamban event held at Gujarat National Law University, Gandhinagar.

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

2024

Day Celebration

## 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 quest 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



Vision and Mission

Awareness and Outreach Comprehensive Training

Strategic Implementation

Job Placement and Impact

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
practical skills.

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 Skillsfor a Brighter Future

**RTG Crane Operation** Data & Financial Management Skill Enhancement Programs 02 03 Includes DDEO & Tally with Encompasses all the above Essential for port operations, GST, critical for accurate data programs, ensuring a wellensuring safe and efficient management and financial rounded skill set for various cargo handling. compliance. industries. **Artistic and Craftsmanship** Language and Software Personal Care and Safety **Proficiency** Development 04 06 Covers Beauty Therapist and Includes Painting/Drawing Covers German Language, Advance Excel, and EDP – Tie up First Aid, important for Training, Mud Work, and Dori with CED, boosting communicpersonal care industry and Work, enhancing creativity ation and technical skills. essential safety knowledge. and traditional crafts.

# 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 – 3







Date: 02-05-2025

#### राष्ट्रीय अंतर्विषयी विज्ञान तथा प्रौद्योगिकी संस्थान NATIONAL INSTITUTÉ FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY

हितानक तथा ओद्योगिक अनुसंधान परिषद | Council of Scientific & Industrial Research

\$35000 USC 4.0 UNIVERSE DOUBLES MICE - 695019 Industrial Estate P.O., Pappanancode, Thiruvananthipurism, India - 695019

Lr. No. NIIST-EMGM/APSEZ/2025-01

To Head-Environment, M/s. Adani Ports and SEZ Ltd.. Adami House, PO Box No. 1, Mundra, District Kachehh - 370421 Gujurat.

Sub: Annual compliance assessment of APSEZ EC&CRZ Clearance conditions

Ref: i) Multi-Product SEZ EC & CRZ Clearance granted by MoEF F. No. 10-138/2008-IA.III dated July 15, 2014 (Specific condition no. vii)

iii) SO No: 5702022305 dated 25-12-2024

iii) Site visit by experts dated April 7-8, 2025

With reference to the above-cited subject and references, work has been awarded to CSIR-NIIST for carrying out a comprehensive inspection study for annual compliance assessment in accordance with the EC&CRZ Clearance specific condition no. (vii) granted for the development of a Multi-Product Special Economic Zone (SEZ) at M/s. Adami Ports and SEZ Ltd., Mundra.

The inspection study was conducted during April 7-8, 2025 as part of the annual compliance assessment which included detailed verification of all the EC & CRZ conditions through review of half-yearly compliance report that was submitted for the period of April 2024 to September 2024, monitoring reports, and an on-site physical examination. The developmental activities within the SEZ. were evaluated by visiting the key project components, environment infrustructure management (air, water, noise, soil, CRZ, biodiversity) is functioning as intended and aligns with applicable environmental norms, standards, and regulatory frameworks.

The project is found to be largely compliant with the stipulated EC conditions at the time of inspection and no deviation was observed. Practices such as mangrove buffer preservation, greenbelt. development, and regular environmental monitoring are being appropriately implemented. The proponent is advised to continue the current environmental management and compliance practices in the same spirit. This certificate is issued for submission to the relevant regulatory authorities as a record of annual compliance assessment (for the year 2024-25) in line with the EC condition requiring third-party evaluation.

Saurabh Salchre-

Senior Scientist tility 1997/Saunth Salden

Sravanth Tangellamudi Scientist.

STATE STATE THANKS (BEST STEEL



## Annexure – 4



#### **GUJARAT POLLUTION CONTROL BOARD**

PARYAVARAN BHAVAN

Sector-10-A, Gandhinagar 382010

Phone: (079) 23222425 (079) 23222152

Fax : (079) 23232150

Website , www.docio.dou.in

#### Application For CTE After TOR

File No: GPCB/ (PCB ID. - 31463)

CTE-79275

M/s. ADANI PORTS AND SPECIAL ECONOMIC ZONE LIMITED.

Notified SEZ area, Mundra, .

City :Mundro . Diet : Kutch East . Careta - michaele

Sub: Consent to Establish (After obtaining Terms Of Riflerence: For Environment Clearance) under Section 25 of Weter Act 1974 and Section 21 of Air Act 1981.

Ref: (1) Your online application No. 327258 dated 18/01/2025

(2) TOR issued by Central Authority vide their tetter no. 10-138/2008-IA III Dated 30/11/2021

Sir.

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 (After obtaining Terms Of Reference For Environment Clearance) under Section 25 of Weter Act 1974 and Section 21 of Air Act 1981 for manufacturing of products as mentioned into the application of Environment Clearance (EC) for which TOR is granted vide letter under reference no (2) above.

Consent To Establish is Granted Subject To The Following Conditions: •

- () The validity period of this CTE shall be Seven Years from the issue of this order.
- 2) Applicant shall strictly comply with all conditions stipulated by competent authority in the order of Environment Clearance to be issued in reference to TOR issued vide letter under reference No. : 2 above.
- The applicant shall however, not without the prior concern 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 MODELLYIN, IN TRIGUISMS NO TRANS MODELLY WITH TOWNS TOWNS THE USE DUSDUSC IT HIS DISTURDED BOTTLY WHICH the provisions of the water Act - 1974, the Air - 1981 and the Environment (Protection) Act - 1985.

For and on behalf of Guiarat Pollution Control Board

> F.M. Modil ROH - Kutch East

,27007,281021202. This order is issued to Notified SEZ erea, Mundre, , City :Mundre, Dist : Kutch East, Taluka : Mundre (31463) for CTE amendment after obtaining EC.

Printed On: 28/01/2025

Page 1 of 1

GPOB ID: 31463

## Annexure – 5



### Details of Greenbelt Development at APSEZ, Mundra

		Total Green Zor	ne Detail till Up t	o 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)	Farming 0.00		0.00	0.00	0.00
TOTAL (APSEZL)	457.99	775082	131156	425984.27	265148.18
		9062	38.00		



### <u>Details of Mangrove Afforestation done by APSEZ</u>

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 & Rhizoph 2011-13 mucrona		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 marin		Avicennia marina	Shreeji Enterprise, Amreli	
20	Kukadsar- (Bhadeswar- Mundra)	Kutch	250	2023-24	Avicennia marina	Shreeji Enterprise, Amreli
	Total		4140			

## Annexure – 6



#### Compliance Report of EMP & Mitigation Measures

Sr. No.	Suggested Measures	Compliance Status						
🖎 Coi	nstruction Phase:							
Α	Air Environment							
1	Water sprinkling in vulnerable areas	Water sprinkling on road and other construction area as well as on construction materials is being carried out on regular bases.						
2	Enforce proper maintenance of vehicles and construction equipment. Allowing only PUC approved vehicles in the site.	Please refer Condition No. ix of Part-B (General Conditions Construction phase) of EC and CRZ Clearance.						
3	Enforce usage of covered trucks for transport of construction material.	_						
В	Noise Environment							
4	Enforce proper maintenance of vehicles and construction equipment. Enforce use of earmuffs / earplugs to workers in high noise level areas.	The vehicles of on-going construction work enter inside the premises after the fitness check. Ear protection device is provided to workers in high noise areas.						
С	Water Environment							
5	Provide temporary drinking water supply and proper sanitation facilities within the site	Provision of drinking water and sanitation facility is being provided.						
D	Land / Soil Environment							
6	Proper disposal of construction debris at regular intervals	Construction debris is being kept at identified temporary storage area and is being utilized for area development.						
E	Thermal Environment							
7	Enforce (i) use of Portland Pozzalano Cement / (ii) use of Portland Slag Cement / (iii) use fly ash as admixture in construction	Fly ash mixed paver blocks are being used are used for development of back up area, footpath, colonies area, parking area, approach road etc.  Please refer Condition No. xii of Part-B (General Conditions: Construction phase) of EC and CRZ Clearance.						
F	Energy							
8	Wherever possible, piping shall be along the natural topography to permit gravity flow. Else, energy efficient pumps shall be used. Pipe material shall be such as to minimize friction losses.	Pipelines are used for supply of utilities. Refer point no. xii of EC & CRZ Clearance in Part – B (Operation						
9	Wherever possible, natural light shall be used. Energy efficient electrical fittings and fixtures shall be used.	I MSTPL are designed as greer						
`& Op	eration Phase:							



Sr. No.	Suggested Measures	Compliance Status
Α	Land / Soil Environment	
1	Good quality non-corrosive type pipeline should be used. Regular checking of the pipelines for early detection of any possible leakage and damage. Regular ground water monitoring should be done within the SEZ.	HDPE pipelines are used for supply of utility. Regular visual surveillance along the utility lines corridor is being done to check leakage or damage.  Third party analysis of the ground water is being carried out at every three month by NABL and MoEF&CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi.
		Please refer Condition No. v of Part-B (General Conditions: Construction phase) of EC and CRZ Clearance.
2	The waste should be transported in covered trucks. Vermi-composting is highly recommended for treatment and disposal of biodegradable and kitchen wastes.  Other domestic solid waste (garbage) shall be disposed through MSW facility or as per prevailing norms.	Please refer Condition No. iv of Part-B (General Conditions: Construction phase) of EC and CRZ Clearance.
3	The waste should be transported in covered trucks. Transporter should be informed of remedial measures required to be taken in case of spillage of waste	Waste handling vehicles are being handled through covered trucks only. Details were submitted along with compliance report submission i.e. Apr'17 to Sep'17.
В	Socio-Economic Environment	
4	It will encourage development of surrounding areas & further generate employment. People from various cultures shall mingle encouraging a more tolerant society.	Please refer Condition No. vii of Annexure - B (Compliance Status of MoEF & CC Order dated 18.09.2015).

## Annexure – 7

## "Half Yearly Environmental Monitoring Reports"



## M/S. ADANI PORTS & SEZ Limited.

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

**Monitoring Period: October - 2024 to March - 2025** 

#### **Submitted By**



### UniStar Environment & Research Labs Pvt. Ltd.

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



AMUEFRICE Recog. Environmental . J. NARL USQ/IEE 17025-2017; Assertment Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

Testing Laboratory (TC-15/8/5) \$2.05.3625 to 22.09.20243

GICHMARIET ACCIDITION DIA & GW Consultant Organisation

GPCB Recognized Environmental Auditor (Sch. II) Cartified Company CRS Management System

Email: response@uerl.in Website: www.uerl.in

Plot No.51, Vibrant Business Park, NH No.48, GIDC, Vept-396195 Dist-Valued (Gujarat), India Phone + 91 260 2433966/2425610

150 9003; 2015 150 45001; 2018 Certified

#### **RESULTS OF STP OUTLET WATER**

	RESOLIS OF STE COTEET WATER											
				PUB	ADANI HO	USE STP OU	TLET		GPCB			
SR.NO.	TEST	UNIT	Oct-24		Nov-24		Dec-24		Permissible	TEST METHOD		
	PARAMETERS		09-10-2024	23-10-2024	13-11-2024	23-11-2024	05-12-2024	25-12-2024	Limit			
1.	рН @ 25 ° С	1	7.11	7.39	6.88	7.02	7.11	7.64	6.5 to 9	IS 3025 (Part- 11):2022		
2.	Total Suspended Solids	mg/L	18	14	20	19	20	24	100	APHA 24th Ed.2023,2540 - D		
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 °C)	mg/L	18	14.5	15.6	17	18	16	30	APHA 24th Ed.2023,5210- B		
4.	Residual chlorine	mg/L	0.72	0.65	0.65	0.58	0.62	0.64	0.5 Min.	APHA 24th Ed.2023,4500- Cl-G		
5.	Fecal Coliform	MPN Index/100ml	70	80	60	70	50	80	1000	IS 1622: 1981		

Continue...



AMJERBOD Recog Environmental J. NABL USQAED 17025-2017) Assessment Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

Testing Laboratory (TC-15/8/5) \$2.05.3625 to 22.09.20243

GICHMARIET ACCIDITION DIA 5: GW Consultant Organisation

GPC8 Recognized Environmental Auditor (Sch. II) Cartified Company (SNS Management System

Email: response@uerl.in Website: www.uerl.in

Plot No.51, Vibrant Business Park, NH No.48, GIDC, Vept-396195 Dist-Valued (Gujarat), India Phone + 91 260 2433966/2425610

750 9003; 2015 150 45001; 2018 Centified

#### **RESULTS OF STP OUTLET WATER**

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

Deser!

Mr. Nilesh Patel Sr. Chemist

CALUARAT

Mr. Nitin Tandel **Technical Manager** 



Laboratory under The EPA, 1986. (REST ON 2020 to 28 03.2028)

AMUEFRICE Recog. Environmental . J. NARL USQ/IEE 17025-2017; Assertment Testing Laboratory (TC-15345) \$2.05.3625 to 22.09.20243

GICHMARIET ACCIDITION DIA & GW Consultant Organisation

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Plot No.51, Vibrant Business Park, NH No.48, GIDC, Vept-396195 Dist-Valued (Gujarat), India Phone + 91 260 2433966/2425610

750 9003; 2015 150 45001; 2018 Centified

#### **RESULTS OF STP OUTLET WATER**

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

Continue...



AMJERBOD Recog Environmental J. NABL USQAED 17025-2017) Assessment Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

Testing Laboratory (TC-15/8/5) \$2.05.3625 to 22.09.20243

GICHMARIET ACCIDITION FOR IS GIV. Consultant Organisation

GPC8 Recognized

Email: response@uerl.in Website: www.uerl.in

Plot No.51, Vibrant Business Park, NH No.48, GIDC, Vept-396195 Dist-Valued (Gujarat), India Phone + 91 260 2433966/2425610

150 9003; 2015 | 150 45003; 2018 Centified Environmental Auditor (Sch. II) Cartified Company (SNS Management System

#### **RESULTS OF STP OUTLET WATER**

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

Reses

Mr. Nilesh Patel Sr. Chemist

CULIARAT

Mr. Nitin Tandel **Technical Manager** 



Laboratory under The EPA, 1986. (REST ON 2020 to 28 03.2028)

AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Testing Laboratory (TC-15345) \$2.05.3625 to 22.09.20243

GICHMARIET ACCIDITION DIA & GW Consultant Organisation

GPC8 Recognized Environmental Auditor (Sch. II) Cartified Company CRS Management System

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Plot No.51, Vibrant Business Park, NH No.48, GIDC, Vept-396195 Dist-Valued (Gujarat), India Phone + 91 260 2433966/2425610

750 9003; 2015 150 45001; 2018 Centified

#### **RESULTS OF STP OUTLET WATER**

				. <u>30L13 01</u> 1		STP OUTLE			GРСВ	
SR.NO.	TEST	UNIT	Oct	Oct-24		Nov-24		Dec-24		TEST METHOD
	PARAMETERS		09-10-2024	23-10-2024	13-11-2024	23-11-2024	05-12-2024	25-12-2024	Permissible Limit	
1.	рН @ 25 ° С	-1	7.42	7.36	7.44	7.25	7.12	7.43	6.5 to 9	IS 3025 (Part- 11):2022
2.	Total Suspended Solids	mg/L	24	26	18	16	12	14	100	APHA 24th Ed.2023,2540 - D
3.	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	18	20	16.5	17.2	18.4	16.2	30	APHA 24th Ed.2023,5210- B
4.	Residual chlorine	mg/L	0.64	0.84	0.56	0.64	0.72	0.68	0.5 Min.	APHA 24th Ed.2023,4500- Cl-G
5.	Fecal Coliform	MPN Index/100ml	40	80	34	70	33	60	1000	IS 1622: 1981

Continue...



AMJERBOD Recog Environmental J. NABL USQAED 17025-2017) Assessment Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

Testing Laboratory (TC-15/8/5) \$2.05.3625 to 22.09.20243

GICHMARIET ACCIDITION DIA & GW Consultant Organisation

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#### **RESULTS OF STP OUTLET WATER**

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

Reses

Mr. Nilesh Patel

Sr. Chemist

CULIARAT

Mr. Nitin Tandel **Technical Manager** 



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Testing Laboratory (TC-15345) (32.01.3025 to 22.09.2024)

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150 9003; 2015 ISO 45003; 2018 Cartifled

Results of Ambient Air Quality Monitoring										
Name	of Location	PUB / Adani House								
Sr. No.	Date of Monitoring	Parameter with Results								
		PM <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> μg/m <sup>3</sup>	SO <sub>2</sub> μg/m <sup>3</sup>	NO <sub>2</sub> μg/m <sup>3</sup>	CO mg/m <sup>3</sup>	HC µg/m³	Benzene 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		

Continue...



Laboratory under The EPA, 1986.

(RECOLUDE SE 28 08.2028)

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Name of Location		PUB / Adani H	ouse							
Sr. No.	Date of Monitoring	Parameter with Results								
		PM <sub>10</sub> μg/m³	PM <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ μg/m³	NO <sub>2</sub> μg/m³	CO mg/m <sup>3</sup>	HC μg/m³	Benzene μg/m³		
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 DETECTE		

Continue...



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750 9003; 2015 | 150 45001; 2018 Cartifled

Name	of Location	PUB / Adani H	ouse					
	Date of			Pa	rameter with Re	esults		
Sr. No.	Monitoring	PM <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ μg/m³	NO <sub>2</sub> μg/m <sup>3</sup>	CO mg/m <sup>3</sup>	HC μg/m³	Benzene μg/m³
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



Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

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Name	of Location	PUB / Adani H	ouse						
	Date of	Parameter with Results							
Sr. No.	Monitoring	PM <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> μg/m <sup>3</sup>	SO <sub>2</sub> μg/m³	NO₂ μg/m³	CO mg/m <sup>3</sup>	HC μg/m³	Benzene μg/m³	
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		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	

Nikunj D. Patel (Chemist)

GUJARAT



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	State of A Expa time Gammada.com	Resul	ts of Ambient Air	<b>Quality Monitoring</b>						
Name	of Location	Adani Guest House								
	Date of		Parameter with Results							
Sr. No.	Monitoring	PM <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>				
1.	03-10-2024	58.51	16.85	11.73	14.12	NOT DETECTED				
2.	07-10-2024	61.38	17.62	12.14	14.75					
3.	10-10-2024	63.27	18.41	12.94	16.11					
4.	14-10-2024	60.37	17.24	11.73	15.31					
5.	17-10-2024	67.88	19.74	13.47	16.05					
6.	21-10-2024	64.38	18.64	12.53	15.65					
7.	24-10-2024	66.15	19.47	13.38	16.12					
8.	28-10-2024	70.71	20.37	14.03	16.78					
9.	31-10-2024	67.63	19.25	13.42	15.89					
10.	04-11-2024	65.39	18.86	13.11	16.37					
11.	07-11-2024	67.28	19.35	14.18	17.52					
12.	11-11-2024	64.31	18.48	13.24	16.84					
13.	14-11-2024	67.38	20.13	14.47	17.15					
14.	18-11-2024	65.28	19.12	13.41	16.37					
15.	21-11-2024	63.29	17.75	12.36	15.61					



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Name	of Location	Adani Guest House				
	Date of			Parameter with Results		
Sr. No.	Monitoring	PM <sub>10</sub> μg/m³	PM <sub>2.5</sub> μg/m <sup>3</sup>	SO <sub>2</sub> μg/m³	NO₂ μg/m³	CO mg/m <sup>3</sup>
16.	25-11-2024	66.48	19.57	14.31	17.57	
17.	28-11-2024	64.89	18.85	12.74	15.83	
18.	02-12-2024	63.94	17.73	12.85	16.49	
19.	05-12-2024	65.83	18.27	13.21	17.83	
20.	09-12-2024	69.24	18.98	14.29	18.53	
21.	12-12-2024	71.42	20.58	14.91	18.86	
22.	16-12-2024	67.58	18.11	13.68	17.36	
23.	19-12-2024	64.35	17.83	12.71	16.37	
24.	23-12-2024	70.49	20.14	14.63	18.12	
25.	26-12-2024	67.3	18.74	13.89	17.35	
26.	30-12-2024	69.77	19.25	14.72	18.21	
27.	02-01-2025	72.63	21.35	15.68	19.27	NOT DETECTED
28.	06-01-2025	75.49	22.61	16.13	20.53	
29.	09-01-2025	68.57	20.53	14.38	18.62	
30.	13-01-2025	70.52	21.47	15.29	19.88	
31.	16-01-2025	65.48	18.79	13.65	17.31	



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Name	of Location	Adani Guest House				
	Date of			Parameter with Results		
Sr. No.	Monitoring	PM <sub>10</sub> μg/m³	PM <sub>2.5</sub> μg/m <sup>3</sup>	SO <sub>2</sub> µg/m³	NO <sub>2</sub> μg/m³	CO mg/m³
32.	20-01-2025	68.19	19.87	14.2	18.47	
33.	23-01-2025	73.27	21.53	15.72	19.69	
34.	27-01-2025	67.65	18.76	14.11	18.73	
35.	30-01-2025	70.81	20.93	15.14	19.58	
36.	03-02-2025	69.52	18.15	13.84	17.37	
37.	06-02-2025	65.48	17.64	12.93	16.74	
38.	10-02-2025	71.38	18.79	14.11	17.58	
39.	13-02-2025	74.28	20.35	15.27	19.58	
40.	17-02-2025	67.64	17.58	13.74	17.27	
41.	20-02-2025	72.47	20.14	14.52	18.76	
42.	24-02-2025	76.49	21	15.39	19.35	
43.	27-02-2025	70.81	19.38	14.1	17.95	
44.	03-03-2024	72.36	19.73	14.68	18.31	
45.	06-03-2024	75.46	21.38	15.63	19.56	
46.	10-03-2024	70.91	18.43	14.57	18.38	
47.	13-03-2024	73.28	19.96	14.88	19.11	



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Name	e of Location	Adani Guest House						
	Date of	Parameter with Results						
Sr. No.	Monitoring	PM <sub>10</sub> μg/m³	PM <sub>2.5</sub> μg/m³	SO <sub>2</sub> μg/m³	NO <sub>2</sub> μg/m³	CO mg/m³		
48.	17-03-2024	76.49	21.85	16.12	20.53			
49.	20-03-2024	72.37	20.18	15.75	19.64			
50.	24-03-2024	68.56	18.74	14.65	18.27			
51.	27-03-2024	72.93	22.01	15.28	19.69			
52.	31-03-2024	70.24	20.58	14.97	18.63			
	ble Value as per AAQMS	100.0	60.0	80.0	80.0	2.0		
Tes	st Method	IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10		



Nikunj D. Patel (Chemist)





Laboratory under The EPA, 1986. (RIC 04.2025 to 28.03.2028)

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		Resu	lts of Ambient Air	<b>Quality Monitoring</b>						
Name	of Location	WTP- Nr. CETP								
	Date of		Parameter with Results							
Sr. No.	Monitoring	PM <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> μg/m <sup>3</sup>	SO <sub>2</sub> μg/m³	NO₂ μg/m³	CO mg/m <sup>3</sup>				
1.	03-10-2024	57.13	22.37	13.58	16.25	NOT DETECTED				
2.	07-10-2024	60.27	24.84	14.26	17.53					
3.	10-10-2024	58.73	23.15	13.47	16.68					
4.	14-10-2024	59.91	24.18	14.13	17.83					
5.	17-10-2024	61.37	25.68	14.69	17.61					
6.	21-10-2024	63.48	26.79	15.42	19.13					
7.	24-10-2024	60.28	24.25	14.31	17.85					
8.	28-10-2024	63.27	27.11	15.73	18.59					
9.	31-10-2024	61.52	25.16	14.49	17.18					
10.	04-11-2024	64.28	23.84	13.89	16.55					
11.	07-11-2024	66.18	25.13	14.84	17.49					
12.	11-11-2024	65.73	24.58	14.37	18.11					
13.	14-11-2024	67.36	26.25	15.51	19.24					
14.	18-11-2024	70.41	28.11	16.37	20.05					
15.	21-11-2024	68.64	26.82	15.88	18.71					



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Name	of Location	WTP- Nr. CETP				
	Date of			Parameter with Results		
Sr. No.	Monitoring	PM <sub>10</sub> μg/m³	PM <sub>2.5</sub> μg/m³	SO <sub>2</sub> μg/m³	NO <sub>2</sub> μg/m³	CO mg/m <sup>3</sup>
16.	25-11-2024	64.38	25.41	14.32	17.53	
17.	28-11-2024	66.73	26.38	15.76	18.39	
18.	02-12-2024	67.39	24.82	14.26	17.73	
19.	05-12-2024	70.36	25.63	15.92	18.35	
20.	09-12-2024	73.48	25.98	16.34	20.14	
21.	12-12-2024	69.63	24.15	15.37	18.46	
22.	16-12-2024	71.92	26.41	16.76	19.83	
23.	19-12-2024	65.39	23.93	14.27	17.53	
24.	23-12-2024	68.24	24.21	15.47	18.15	
25.	26-12-2024	66.48	23.86	15.03	18.46	
26.	30-12-2024	65.92	23.11	14.79	17.54	
27.	02-01-2025	70.31	27.63	17.46	21.85	NOT DETECTED
28.	06-01-2025	67.58	24.94	15.49	18.36	
29.	09-01-2025	73.28	28.47	17.63	20.58	
30.	13-01-2025	70.37	26.58	15.35	18.26	
31.	16-01-2025	72.49	27.97	16.72	20.56	



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Laboratory under The EPA, 1986. (RED. 60. 2023 to 28.00.2028)

AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Testing Laboratory (TC-15345) (32.01.3625 to 22.09.2024)

GICHMARIET ACCINISTRATION DIA & GW Consultant Organisation

GPC8 Recognised Environmental Auditor (Sch. II) Cartified Company CRS Management System

750 9003; 2015 150 45001; 2018 Centified

Name	of Location	WTP- Nr. CETP						
	Date of			Parameter with Results				
Sr. No.	Monitoring	PM <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> μg/m³	SO <sub>2</sub> μg/m³	NO <sub>2</sub> μg/m³	CO mg/m³		
32.	20-01-2025	76.48	29.14	18.1	22.21			
33.	23-01-2025	73.29	26.83	17.55	20.91			
34.	27-01-2025	67.84	25.47	15.81	18.67			
35.	30-01-2025	71.35	27.65	16.24	20.47			
36.	03-02-2025	65.84	23.36	15.27	18.19			
37.	06-02-2025	68.13	24.81	16.37	19.15			
38.	10-02-2025	74.15	25.63	18.1	21.69			
39.	13-02-2025	72.38	25.95	17.63	20.42			
40.	17-02-2025	68.58	23.21	15.9	18.83			
41.	20-02-2025	71.42	25.59	16.28	19.46			
42.	24-02-2025	73.91	26.73	18.13	21.36			
43.	27-02-2025	68.66	24.73	16.25	19.77			
44.	03-03-2024	70.62	26.14	16.52	20.13			
45.	06-03-2024	73.47	27.58	17.13	21.63			
46.	10-03-2024	67.25	24.84	15.49	19.95			
47.	13-03-2024	70.74	25.92	16.31	20.52			



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Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

AMJERBOD Recog Environmental J NABL USQUEE 17025-2017) Assessment Testing Laboratory (TC-15345) \$2.05.3625 to 22.09.20243

GCI-MARIET ACCINISTRATION DIA & GW Consultant Organisation

GPC8 Recognised Environmental Auditor (Sch. II) Certified Company CRS Management System

750 9003; 2015 150 45001; 2018 Centified

Name	e of Location	WTP- Nr. CETP						
	Date of	Parameter with Results						
Sr. No.	Sr. No. Monitoring	PM <sub>10</sub> μg/m³	PM <sub>2.5</sub> μg/m³	SO <sub>2</sub> μg/m³	NO <sub>2</sub> μg/m³	CO mg/m <sup>3</sup>		
48.	17-03-2024	72.93	26.47	16.88	20.37			
49.	20-03-2024	75.43	28.64	17.57	22.36			
50.	24-03-2024	71.64	25.91	15.82	19.28			
51.	27-03-2024	73.29	26.68	16.07	20.36			
52.	31-03-2024	69.86	25.63	14.94	18.69			
	ble Value as per IAAQMS	100.0	60.0	80.0	80.0	2.0		
Tes	st Method	IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10		



Nikunj D. Patel (Chemist)



Jaivik S. Tandel (Manager - Operations)



Laboratory under The EPA, 1986. (RECOLOR SHE OF PROPERTY

AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Testing Laboratory (TC-15345) (32.01.3625 to 22.09.2024)

GCI-MARIET ACCINISTRATION DIA & GW Consultant Organisation

GPCB Recognized Environmental Auditor (Sch. II) Cartified Company CRS Management System

Email: response@uerl.in Website: www.uerl.in

Plot No.51, Vibrant Business Park, NH No.48, GIDC, Vept-396195 Dist-Valued (Gujarat), India Phone + 91 260 2433966/2425610

750 9003; 2015 | 150 45001; 2018 Cartifled

	**************************************	Resu	lts of Ambient Air (	Quality Monitoring		
Name	of Location	SAMUDRA TOWNSHI		<u></u>		
	Date of			Parameter with Results	S	
Sr. No.	Monitoring	PM <sub>10</sub> μg/m³	PM <sub>2.5</sub> μg/m <sup>3</sup>	SO₂ μg/m³	NO <sub>2</sub> μg/m³	CO mg/m³
1.	03-10-2024	61.28	15.34	9.73	12.45	NOT DETECTED
2.	07-10-2024	63.48	16.48	9.95	12.91	
3.	10-10-2024	64.39	17.14	10.25	13.58	
4.	14-10-2024	66.48	15.92	10.74	13.49	
5.	17-10-2024	68.64	17.93	11.72	14.26	
6.	21-10-2024	65.38	15.42	10.81	13.48	
7.	24-10-2024	67.25	16.96	11.47	14.11	
8.	28-10-2024	64.63	15.12	10.38	13.21	
9.	31-10-2024	66.18	17.41	11.57	14.1	
10.	04-11-2024	65.82	17.27	10.95	13.11	
11.	07-11-2024	68.25	18.12	11.21	13.37	
12.	11-11-2024	73.61	20.47	13.28	15.93	
13.	14-11-2024	70.74	19.63	13.11	15.16	
14.	18-11-2024	67.53	18.36	12.65	15.84	
15.	21-11-2024	64.39	17.52	11.49	13.62	



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AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Laboratory under The EPA, 1986. (RED. 60. 2023 to 28.00.2028)

Testing Laboratory (TC-15345) (32.01.3625 to 22.09.2024)

GCI-MARIET ACCINISTRATION DIA & GW Consultant Organisation

GPC8 Recognised Environmental Auditor (Sch. II) Cartified Company CRS Management System

750 9003; 2015 150 45001; 2018 Centified

Name	of Location	SAMUDRA TOWNSHI	P – STP			
	Date of			Parameter with Results		
Sr. No.	Monitoring	PM <sub>10</sub> μg/m³	PM <sub>2.5</sub> μg/m³	SO <sub>2</sub> μg/m³	NO <sub>2</sub> μg/m <sup>3</sup>	CO mg/m <sup>3</sup>
16.	25-11-2024	67.25	18.47	11.52	13.81	
17.	28-11-2024	71.13	19.83	12.38	15.63	
18.	02-12-2024	69.18	18.64	11.25	14.07	
19.	05-12-2024	65.48	17.25	10.94	13.84	
20.	09-12-2024	68.39	18.14	11.16	14.47	
21.	12-12-2024	72.54	19.83	12.58	15.83	
22.	16-12-2024	75.17	20.48	13.1	16.38	
23.	19-12-2024	73.24	20.11	12.82	16.13	
24.	23-12-2024	66.39	18.52	11.36	13.95	
25.	26-12-2024	72.47	19.75	12.53	15.26	
26.	30-12-2024	69.63	18.47	11.89	14.56	
27.	02-01-2025	72.46	22.57	14.24	17.52	NOT DETECTED
28.	06-01-2025	75.49	25.12	16.54	20.21	
29.	09-01-2025	73.38	22.84	14.02	17.57	
30.	13-01-2025	80.72	26.04	16.77	19.24	
31.	16-01-2025	77.58	24.81	15.69	18.46	



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Testing Laboratory (TC-15345) (32.01.3625 to 22.09.2024)

GCI-MARIET ACCINISTRATION DIA & GW Consultant Organisation

GPC8 Recognised Environmental Auditor (Sch. II) Cartified Company CRS Management System

750 9003; 2015 150 45001; 2018 Centified

Name	of Location	SAMUDRA TOWNSHII	P – STP					
	Date of	Parameter with Results						
Sr. No.	Monitoring	PM <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> μg/m³	SO <sub>2</sub> μg/m³	NO <sub>2</sub> μg/m³	CO mg/m³		
32.	20-01-2025	74.16	22.81	14.26	17.63			
33.	23-01-2025	77.35	24.62	16.25	19.47			
34.	27-01-2025	72.57	23.77	15.38	18.91			
35.	30-01-2025	70.81	21.95	14.31	17.88			
36.	03-02-2025	69.47	20.63	12.31	15.14			
37.	06-02-2025	73.46	22.53	13.82	16.73			
38.	10-02-2025	71.27	21.37	12.45	15.38			
39.	13-02-2025	66.93	20.31	11.93	14.67			
40.	17-02-2025	68.74	21.46	12.72	15.98			
41.	20-02-2025	72.81	23.49	13.28	16.38			
42.	24-02-2025	75.46	24.13	14.26	17.51			
43.	27-02-2025	71.42	22.21	12.96	16.47			
44.	03-03-2024	74.47	22.94	13.26	17.48			
45.	06-03-2024	77.26	24.63	14.88	18.13			
46.	10-03-2024	70.42	20.85	12.63	16.11			
47.	13-03-2024	73.82	21.49	13.11	17.05			



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Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

AMJERBOD Recog Environmental J NABL USQUEE 17025-2017) Assessment Testing Laboratory (TC-15345) (32.01.3625 to 22.09.2024)

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GPCB Recognized Environmental Auditor (Ich-II) Certified Company CRS Management System

150 9003; 2015 | 150 45003; 2018 Centified

Name	e of Location	SAMUDRA TOWNSHII	P – STP				
	Date of	Parameter with Results					
Sr. No.	Monitoring	PM <sub>10</sub> μg/m³	PM <sub>2.5</sub> μg/m³	SO <sub>2</sub> μg/m³	NO <sub>2</sub> μg/m³	CO mg/m³	
48.	17-03-2024	77.32	25.13	14.91	18.79		
49.	20-03-2024	75.49	23.71	14.36	18.42		
50.	24-03-2024	71.42	22.89	12.95	17.37		
51.	27-03-2024	67.96	20.68	12.46	16.81		
52.	31-03-2024	72.65	23.31	13.58	17.37		
	ble Value as per AAQMS	100.0	60.0	80.0	80.0	2.0	
Tes	st Method	IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	



Nikunj D. Patel (Chemist)





AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Laboratory under The EPA, 1986. (02.04.2025 to 28.04.2028)

Testing Laboratory (TC-15345) (32.01.3025 to 22.09.2024)

GICHMARIET ACCINISTRATED EIA & GW Consultant Organisation

GPC8 Recognised Environmental Auditor (Sch. II) Cartified Company CRS Management System

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		Resu	lts of Ambient Air	Quality Monitoring		
Name	of Location	SAMUDRA TOWNSHI	P CUSTOMER CARE			
	Date of			Parameter with Results	S	
Sr. No.	Monitoring	PM <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> μg/m <sup>3</sup>	SO <sub>2</sub> μg/m <sup>3</sup>	NO₂ μg/m³	CO mg/m <sup>3</sup>
1.	03-10-2024	50.73	14.61	11.69	14.42	NOT DETECTED
2.	07-10-2024	53.28	15.17	11.93	14.63	
3.	10-10-2024	54.39	15.84	12.13	15.57	
4.	14-10-2024	56.38	16.21	13.42	16.53	
5.	17-10-2024	53.41	15.36	12.64	15.81	
6.	21-10-2024	55.83	16.06	12.89	16.08	
7.	24-10-2024	57.18	16.99	13.74	16.92	
8.	28-10-2024	59.62	17.55	14.11	17.36	
9.	31-10-2024	57.83	17.24	13.42	16.13	
10.	04-11-2024	55.83	16.47	12.75	15.24	
11.	07-11-2024	60.37	17.84	13.38	16.81	
12.	11-11-2024	58.73	16.29	13.12	16.63	
13.	14-11-2024	54.38	15.25	12.63	15.48	
14.	18-11-2024	57.92	16.63	13.37	16.72	
15.	21-11-2024	61.48	17.91	14.57	17.15	



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Laboratory under The EPA, 1986. (02.04.2025 to 28.04.2028)

AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Testing Laboratory (TC-15345) (32.01.3025 to 22.09.2024)

GICHMARIET ACCIDITION DIA 5: GW Consultant Organisation

GPC8 Recognised Environmental Auditor (Sch. II) Cartified Company CRS Management System

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Name	of Location	SAMUDRA TOWNSHIP CUSTOMER CARE							
	Date of			Parameter with Results					
Sr. No.	Monitoring	PM <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> μg/m³	SO <sub>2</sub> μg/m³	NO <sub>2</sub> μg/m <sup>3</sup>	CO mg/m³			
16.	25-11-2024	63.28	18.03	15.08	18.19				
17.	28-11-2024	58.64	17.13	14.86	17.63				
18.	02-12-2024	60.61	17.14	13.86	16.37				
19.	05-12-2024	64.38	18.03	14.27	17.82				
20.	09-12-2024	67.48	19.42	16.52	19.31				
21.	12-12-2024	63.49	17.31	14.29	17.46				
22.	16-12-2024	66.36	18.57	16.34	18.91				
23.	19-12-2024	62.85	16.95	13.81	16.57				
24.	23-12-2024	67.91	19.17	16.56	19.32				
25.	26-12-2024	64.38	17.36	15.74	18.52				
26.	30-12-2024	61.24	16.38	14.14	17.68				
27.	02-01-2025	64.39	18.32	14.48	18.14	NOT DETECTED			
28.	06-01-2025	67.18	19.06	16.52	20.38				
29.	09-01-2025	64.26	17.42	14.75	18.74				
30.	13-01-2025	61.84	15.98	13.85	17.24				
31.	16-01-2025	64.55	17.1	14.13	18.47				



Laboratory under The EPA, 1986.

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AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Testing Laboratory (TC-15345) (32.01.3625 to 22.09.2024)

GCI-MARIET ACCINISTRATION DIA & GW Consultant Organisation

GPCB Recognized Environmental Auditor (Sch. II) Cartified Company CRS Management System

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750 9003; 2015 150 45001; 2018 Centified

Name	of Location	SAMUDRA TOWNSHIP CUSTOMER CARE						
	Date of	Parameter with Results						
Sr. No.	Monitoring	PM <sub>10</sub> μg/m³	PM <sub>2.5</sub> μg/m³	SO₂ μg/m³	NO <sub>2</sub> μg/m³	CO mg/m³		
32.	20-01-2025	67.95	19.18	16.59	20.84			
33.	23-01-2025	65.37	16.72	15.39	18.87			
34.	27-01-2025	67.95	17.36	16.48	20.72			
35.	30-01-2025	64.17	15.82	14.36	18.21			
36.	03-02-2025	65.92	17.43	16.11	19.47			
37.	06-02-2025	63.28	17.1	15.75	18.42			
38.	10-02-2025	60.58	16.75	14.93	17.46			
39.	13-02-2025	58.63	15.42	14.61	16.94			
40.	17-02-2025	56.91	14.98	13.78	16.54			
41.	20-02-2025	59.35	15.46	14.8	17.37			
42.	24-02-2025	63.28	17.42	15.63	18.59			
43.	27-02-2025	60.17	16.26	14.19	17.68			
44.	03-03-2024	67.13	16.93	15.58	19.15			
45.	06-03-2024	64.37	15.79	14.91	18.74			
46.	10-03-2024	66.93	16.57	15.79	20.16			
47.	13-03-2024	70.65	18.11	17.53	21.23			



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AMJERBOD Recog Environmental J NABL USQUEE 17025-2017) Assessment Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

Testing Laboratory (TC-15345) (32.01.3625 to 22.09.2024)

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GPCB Recognized Environmental Auditor (Ich-II) Certified Company CRS Management System

150 9003; 2015 | 150 45003; 2018 Centified

Name	e of Location	SAMUDRA TOWNSHIP	CUSTOMER CARE				
	Date of	Parameter with Results					
Sr. No.	Monitoring	PM <sub>10</sub> μg/m³	PM <sub>2.5</sub> μg/m³	SO <sub>2</sub> μg/m³	NO <sub>2</sub> μg/m³	CO mg/m³	
48.	17-03-2024	68.42	17.74	16.89	20.81		
49.	20-03-2024	65.48	16.38	16.13	19.78		
50.	24-03-2024	71.37	18.52	17.35	21.19		
51.	27-03-2024	67.39	16.98	16.4	20.28		
52.	31-03-2024	69.82	17.68	17.12	21.55		
	ble Value as per	100.0	60.0	80.0	80.0	2.0	
Tes	st Method	IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	



Nikunj D. Patel (Chemist)





Laboratory under The EPA, 1986. (02.04.2025 to 28.04.2028)

AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Testing Laboratory (TC-15345) (32.01.3025 to 22.09.2024)

GICHMARIET ACCIDITION DIA 5: GW Consultant Organisation

GPC8 Recognised Environmental Auditor (Sch. II) Cartified Company CRS Management System

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Plot No.51, Vibrant Business Park, NH No.48, GIDC, Vept-396195 Dist-Valued (Gujarat), India Phone + 91 260 2433966/2425610

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		Resu	Its of Ambient Air	Quality Monitoring				
Name	of Location	AIR STRIP						
	Date of		Parameter with Results					
Sr. No.	Monitoring	PM <sub>10</sub> μg/m <sup>3</sup>	PM <sub>2.5</sub> µg/m <sup>3</sup>	SO <sub>2</sub> μg/m <sup>3</sup>	NO₂ μg/m³	CO mg/m <sup>3</sup>		
1.	03-10-2024	68.61	23.79	14.84	18.77	NOT DETECTED		
2.	07-10-2024	71.48	24.52	15.19	20.36	NOT DETECTED		
3.	10-10-2024	73.49	25.91	15.68	20.53	NOT DETECTED		
4.	14-10-2024	75.21	26.36	16.31	21.26	NOT DETECTED		
5.	17-10-2024	72.58	25.16	15.53	19.62	NOT DETECTED		
6.	21-10-2024	76.58	27.63	17.26	21.78	0.11		
7.	24-10-2024	78.53	28.46	17.86	22.53	0.11		
8.	28-10-2024	75.42	26.85	17.24	21.46	0.10		
9.	31-10-2024	72.91	25.73	16.31	20.57	0.10		
10.	04-11-2024	74.63	27.25	16.16	21.42	0.1		
11.	07-11-2024	71.39	25.47	15.73	20.11	NOT DETECTED		
12.	11-11-2024	75.63	27.84	16.94	20.85	0.11		
13.	14-11-2024	78.46	28.81	17.47	21.64	0.11		
14.	18-11-2024	76.13	27.52	16.83	20.83	0.11		
15.	21-11-2024	80.84	29.59	18.28	22.75	0.11		



AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Laboratory under The EPA, 1986. Testing Laboratory (TC-15345) (RED. 60. 2023 to 28.00.2028) (32.01.3625 to 22.09.2024)

GCI-MARIET ACCINISTRATION DIA & GW Consultant Organisation

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750 9003; 2015 150 45001; 2018 Centified

Name	of Location	AIR STRIP						
Date of		Parameter with Results						
Sr. No.	Monitoring	PM <sub>10</sub> μg/m³	PM <sub>2.5</sub> μg/m³	SO <sub>2</sub> μg/m³	NO <sub>2</sub> μg/m³	CO mg/m³		
16.	25-11-2024	82.47	30.63	18.71	21.93	0.11		
17.	28-11-2024	77.53	28.34	17.46	21.53	0.1		
18.	02-12-2024	80.17	30.52	18.47	22.14	0.12		
19.	05-12-2024	78.64	28.58	17.42	21.91	0.11		
20.	09-12-2024	82.37	31.59	19.68	23.75	0.12		
21.	12-12-2024	79.83	30.94	18.13	22.65	0.11		
22.	16-12-2024	84.14	33.57	20.68	24.82	0.12		
23.	19-12-2024	77.62	31.28	19.13	23.74	0.11		
24.	23-12-2024	75.48	29.31	18.79	21.55	0.12		
25.	26-12-2024	82.37	32.79	20.26	24.13	0.12		
26.	30-12-2024	79.65	30.31	18.27	22.31	0.11		
27.	02-01-2025	76.59	31.24	19.73	23.46	0.12		
28.	06-01-2025	80.25	34.73	21.21	25.35	0.11		
29.	09-01-2025	84.38	35.06	22.35	26.79	0.12		
30.	13-01-2025	77.41	31.63	20.13	25.37	0.11		
31.	16-01-2025	79.28	32.81	22.19	26.24	0.11		



AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Laboratory under The EPA, 1986. Testing Laboratory (TC-15345) (RECOLUDE SE 28 08.2028) (32.01.3625 to 22.09.2024)

GCI-MARIET ACCINISTRATION DIA & GW Consultant Organisation

GPCB Recognized Environmental Auditor (Sch. II) Cartified Company CRS Management System

Email: response@uerl.in Website: www.uerl.in

Plot No.51, Vibrant Business Park, NH No.48, GIDC, Vept-396195 Dist-Valued (Gujarat), India Phone + 91 260 2433966/2425610

750 9003; 2015 150 45001; 2018 Centified

Name	of Location	AIR STRIP						
	Date of	Parameter with Results						
Sr. No.	Monitoring	PM <sub>10</sub> μg/m³	PM <sub>2.5</sub> μg/m³	SO <sub>2</sub> μg/m <sup>3</sup>	NO <sub>2</sub> μg/m³	CO mg/m³		
32.	20-01-2025	73.48	28.97	18.81	22.53	0.11		
33.	23-01-2025	76.29	30.51	19.36	23.44	0.11		
34.	27-01-2025	79.74	32.32	21.13	25.92	0.12		
35.	30-01-2025	75.41	29.85	18.93	22.67	0.12		
36.	03-02-2025	82.36	30.61	20.32	24.86	0.11		
37.	06-02-2025	77.56	28.63	19.85	24.11	0.12		
38.	10-02-2025	80.18	31.63	20.13	25.32	0.12		
39.	13-02-2025	75.48	27.13	17.98	22.1	0.11		
40.	17-02-2025	78.64	28.95	18.72	23.54	0.11		
41.	20-02-2025	81.48	30.83	20.47	24.71	0.12		
42.	24-02-2025	84.46	32.64	21.89	25.54	0.12		
43.	27-02-2025	80.91	30.52	20.41	23.97	0.11		
44.	03-03-2024	78.36	29.69	20.12	25.22	0.12		
45.	06-03-2024	75.48	28.54	19.83	24.91	0.11		
46.	10-03-2024	80.13	30.26	21.83	25.36	0.12		
47.	13-03-2024	83.47	33.83	22.18	26.73	0.12		



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Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

AMJERBOD Recog Environmental J NABL USQUEE 17025-2017) Assessment Testing Laboratory (TC-15345) (32.01.3625 to 22.09.2024)

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150 9003; 2015 | 150 45003; 2018 Centified

Name	e of Location	AIR STRIP						
	Date of	Parameter with Results						
Sr. No.	Monitoring	PM <sub>10</sub> μg/m³	PM <sub>2.5</sub> μg/m³	SO <sub>2</sub> μg/m³	NO <sub>2</sub> μg/m³	CO mg/m³		
48.	17-03-2024	78.47	31.46	19.61	23.46	0.11		
49.	20-03-2024	80.82	33.16	20.47	24.15	0.12		
50.	24-03-2024	75.94	29.46	18.99	22.74	0.11		
51.	27-03-2024	77.83	30.43	18.75	23.1	0.11		
52.	31-03-2024	81.13	32.41	21.46	25.19	0.12		
	ole Value as per AAQMS	100.0	60.0	80.0	80.0	2.0		
Tes	t Method	IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10		



Nikunj D. Patel (Chemist)





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Testing Laboratory (TC-15345) (32.01.3025 to 22.09.2024)

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		Results of A	Ambient Air Quality Mo	nitoring			
Nam	e of Location	SV2					
	Date of	Parameter with Results					
Sr. No.	Monitoring	PM <sub>10</sub> μg/m <sup>3</sup>	РМ <sub>2.5</sub> µg/m³	SO₂ μg/m³	NO <sub>2</sub> μg/m³		
1.	03-10-2024	52.13	16.28	8.68	11.73		
2.	07-10-2024	53.28	17.45	9.12	12.41		
3.	10-10-2024	55.37	17.94	9.48	12.89		
4.	14-10-2024	58.51	18.46	10.17	13.52		
5.	17-10-2024	54.85	17.36	9.52	12.23		
6.	21-10-2024	57.46	18.29	9.92	12.57		
7.	24-10-2024	60.51	19.68	10.21	13.53		
8.	28-10-2024	56.54	17.73	9.37	12.48		
9.	31-10-2024	58.15	18.36	9.96	13.11		
10.	04-11-2024	63.28	17.72	10.11	13.48		
11.	07-11-2024	65.47	18.13	10.57	13.92		
12.	11-11-2024	68.41	19.04	11.10	14.29		
13.	14-11-2024	64.28	18.26	10.42	13.57		
14.	18-11-2024	66.59	18.95	10.79	13.96		
15.	21-11-2024	63.47	17.63	9.86	12.31		



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Testing Laboratory (TC-15345) (32.01.3625 to 22.09.2024)

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750 9003; 2015 150 45001; 2018 Centified

Naı	me of Location	SV2							
			Parameter with Results						
Sr. No.	Date of Monitoring	PM <sub>10</sub> µg/m³	PM <sub>2.5</sub> μg/m³	SO <sub>2</sub> μg/m³	NO₂ μg/m³				
16.	25-11-2024	65.48	18.73	10.75	13.59				
17.	28-11-2024	64.19	17.58	10.14	13.26				
18.	02-12-2024	65.15	17.36	10.47	13.19				
19.	05-12-2024	67.28	18.12	11.13	13.75				
20.	09-12-2024	64.47	16.94	10.73	13.46				
21.	12-12-2024	67.51	18.37	11.48	14.57				
22.	16-12-2024	65.38	17.84	10.47	13.26				
23.	19-12-2024	64.13	17.24	10.10	12.98				
24.	23-12-2024	66.89	18.41	11.75	13.63				
25.	26-12-2024	68.54	19.68	12.13	15.20				
26.	30-12-2024	65.69	17.26	11.68	14.37				
27.	02-01-2025	67.82	18.11	12.58	15.13				
28.	06-01-2025	63.28	17.91	10.98	13.85				
29.	09-01-2025	65.48	18.63	11.42	14.31				
30.	13-01-2025	68.59	19.36	12.75	15.47				
31.	16-01-2025	73.49	21.03	13.26	16.18				



AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Laboratory under The EPA, 1986. Testing Laboratory (TC-15345) (RECOLOR SHE OF PROPERTY (32.01.3625 to 22.09.2024)

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750 9003; 2015 150 45001; 2018 Centified

Name of Location		SV2						
		Parameter with Results						
Sr. No.	Date of Monitoring	PM₁₀ μg/m³	PM <sub>2.5</sub> μg/m³	SO <sub>2</sub> μg/m³	NO₂ μg/m³			
32.	20-01-2025	70.61	20.53	12.65	15.47			
33.	23-01-2025	67.58	17.97	11.47	14.55			
34.	27-01-2025	72.37	20.48	12.73	15.91			
35.	30-01-2025	69.81	18.52	11.39	14.28			
36.	03-02-2025	70.25	20.05	13.17	16.32			
37.	06-02-2025	66.48	18.64	12.59	15.83			
38.	10-02-2025	63.61	16.92	11.61	15.13			
39.	13-02-2025	66.48	17.95	12.46	16.32			
40.	17-02-2025	69.57	19.10	13.53	17.11			
41.	20-02-2025	64.37	16.75	12.53	15.85			
42.	24-02-2025	70.13	19.83	13.96	16.25			
43.	27-02-2025	66.69	17.36	12.52	15.47			
44.	03-03-2024	68.52	18.46	13.84	17.13			
45.	06-03-2024	71.26	20.41	14.25	18.32			
46.	10-03-2024	65.48	17.50	12.93	15.74			
47.	13-03-2024	68.93	18.65	13.25	16.47			



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Testing Laboratory (TC-15345) (32.01.3025 to 22.09.2024)

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Name of Location		SV2						
	Date of	Parameter with Results						
Sr. No.	Monitoring	PM <sub>10</sub> μg/m³	PM <sub>2.5</sub> µg/m³	SO <sub>2</sub> μg/m³	NO <sub>2</sub> μg/m³			
48.	17-03-2024	73.16	20.48	14.27	17.83			
49.	20-03-2024	66.58	18.35	13.74	16.59			
50.	24-03-2024	70.53	19.81	14.05	17.45			
51.	27-03-2024	73.42	21.13	15.37	18.65			
52.	31-03-2024	68.85	20.16	14.76	17.24			
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0			
Test Method		IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6			



Nikunj D. Patel (Chemist)





AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

Testing Laboratory (TC-15345) \$2.05.3625 to 22.09.20243

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	Results of Noise Level Monitoring								
	Location Name	PUB / Adani Hou	se						
Sr.	Sampling Date and		Noise Level Leq. dB(A) - Day Time						
No.	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 c	IB (A)				



Email: response@uerl.in Website: www.uerl.in

Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

AMJERBOD Recog Environmental J NABL USQUEE 17025-2017) Assessment Testing Laboratory (TC-15/8/5) \$2.05.3625 to 22.09.20243

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750 9003; 2015 150 45001; 2018 Centified

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

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

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AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Laboratory under The EPA, 1986. (RECOLOR SHE OF PROPERTY

Testing Laboratory (TC-15345) (32.01.3625 to 22.09.2024)

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



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Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

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

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

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Testing Laboratory (TC-15345) (32.01.3025 to 22.09.2024)

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750 9003; 2015 150 45001; 2018 Centified

Results of Noise Level Monitoring								
	Location Name	WTP- Nr. CETP						
Sr.	Sampling Date and				dB(A) - Day Time		T	
No.	Time	01-10-2024	09-11-2024	04-12-2024	04-01-2025	04-02-2025	01-03-2025	
1	06:00 to 07:00	59.7	60.3	61.5	60.3	58.7	57.8	
2	07:00 to 08:00	61.3	62.4	64.4	63.5	60.2	59.4	
3	08:00 to 09:00	64.5	60.5	63.2	66.5	63.2	60.2	
4	09:00 to 10:00	66.7	67.4	64.8	65.8	66.4	63.4	
5	10:00 to 11:00	68.6	65.3	66.3	62.4	65.8	66.5	
6	11:00 to 12:00	65.2	63.9	64.7	64.9	63.4	66.8	
7	12:00 to 13:00	67.1	65.8	67.6	66.7	65.1	64.2	
8	13:00 to 14:00	66.1	65.7	66.3	65.3	64.3	65.7	
9	14:00 to 15:00	65.7	67.5	64.3	61.4	65.7	66.3	
10	15:00 to 16:00	67.3	66.3	65.1	64.5	66.3	64.5	
11	16:00 to 17:00	64.5	63.2	64.4	63.2	65.9	66.8	
12	17:00 to 18:00	62.8	64.9	67.3	65.7	63.1	61.3	
13	18:00 to 19:00	65.8	64.3	65.4	64.8	64.5	63.4	
14	19:00 to 20:00	63.6	65.4	64.7	65.1	61.2	62.5	
15	20:00 to 21:00	64.2	65.1	64.9	63.8	64.3	63.9	
16	21:00 to 22:00	64.1	63.4	63.1	61.2	60.8	59.7	
	Day Time			<75 0	iB (A)			



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Testing Laboratory (TC-15345) \$2.05.3625 to 22.09.20243

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

Night Time	<70 dB (A)
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Test Method	IS: 9989 : 1981
Test Method	13. 3363 . 1361

Nikunj D. Patel (Chemist)

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AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

Testing Laboratory (TC-15345) \$2.05.3625 to 22.09.20243

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GPC8 Recognised Environmental Auditor (Sch. II) Cartified Company CRS Management System

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Plot No.51, Vibrant Business Park, NH No.48, GIDC, Vept-396195 Dist-Valued (Gujarat), India Phone + 91 260 2433966/2425610

750 9003; 2015 150 45001; 2018 Centified

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



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Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

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150 9003; 2015 | 150 45003; 2018 Centified

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

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

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AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

Testing Laboratory (TC-15345) (32.01.3025 to 22.09.2024)

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750 9003; 2015 150 45001; 2018 Centified

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



Email: response@uerl.in Website: www.uerl.in

Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

AMJERBOD Recog Environmental J NABL USQUEE 17025-2017) Assessment Testing Laboratory (TC-15345) \$2.05.3625 to 22.09.20243

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150 9003; 2015 | 150 45003; 2018 Centified

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

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

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Testing Laboratory (TC-15345) (32.01.3025 to 22.09.2024)

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GPC8 Recognized Environmental Auditor (Sch. II) Cartified Company CRS Management System

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750 9003; 2015 150 45001; 2018 Centified

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

Continue...



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MoEF&CC Recog. Divironmental ... Laboratory under The EPA, 1986. (02.04.2025 to 29.03.2028)

NABL 050/IEC 17025: 2017] Accredited Testing Laboratory (TC-15/8/5) (32.01.3625 to 22.09.2024)

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GPCB Recognized Environmental Auditor (Ich-II) Certified Company CRS Management System

150 9003; 2015 | 150 45003; 2018 Centified

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

Night Time	<70 dB (A)
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**Test Method** IS: 9989: 1981

Nikunj D. Patel (Chemist)

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AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Laboratory under The EPA, 1986. (02.04.2025 to 28.04.2028)

Testing Laboratory (TC-15345) (32.01.3025 to 22.09.2024)

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Plot No.51, Vibrant Business Park, NH No.48, GIDC, Vept-396195 Dist-Valued (Gujarat), India Phone + 91 260 2433966/2425610

750 9003; 2015 150 45001; 2018 Centified

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

Continue...



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NABL 050/IEC 17025: 2017] Accredited Testing Laboratory (TC-15/8/5) \$2.05.3625 to 22.09.20243

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GPCB Recognized Environmental Auditor (Ich-II) Certified Company CRS Management System

150 9003; 2015 | 150 45003; 2018 Centified

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

Night Time	<70 dB (A)
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**Test Method** IS: 9989: 1981

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AMJERBOD Recog Environmental J. NABL USQAED 17025-2017) Assessment Testing Laboratory (TC-15345) (32.01.3625 to 22.09.2024)

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150 9003; 2015 | 150 45003; 2018 Centified

	Results of Stack Monitoring									
	Monitoring Period: October - 2024 to March - 2025									
	_		Adani Hospital DG Set							
Sr. No.	Parameter	Unit	Mar-25	GPCB LIMIT	Method of Test					
			27-03-2025							
1	Particulate Matter	mg/Nm³	20.98	150	IS 11255 (Part - 1)					
2	Sulfur Dioxide as SO <sub>2</sub>	ppm	8.42	100	IS 11255 (Part - 2)					
3	Oxides of Nitrogen as NO <sub>X</sub>	ppm	28.36	50	IS 11255 (Part - 7)					

Sr. No.	Parameter	Unit	WTP Nr CETP D.G.Set No. S-1 (380 KVA ) Mar-25 10-03-2025	(380 KVA )  Mar-25  GPCB LIMIT	
1	Particulate Matter	mg/Nm³	23.14	150	IS 11255 (Part - 1)
2	Sulfur Dioxide as SO <sub>2</sub>	ppm	7	100	IS 11255 (Part - 2)
3	Oxides of Nitrogen as NO <sub>X</sub>	ppm	27.93	50	IS 11255 (Part - 7)

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Testing Laboratory (TC-15345) (32.01.3625 to 22.09.2024)

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150 9003; 2015 | 150 45003; 2018 Centified

		Resul	ts of Stack Monitoring				
Monitoring Period: October - 2024 to March - 2025							
			Adani House D.G.Set No. S-1				
Cr. No	Downwater	11!1	(750 KVA )	CDCD LIMIT	Mathad of Tast		
Sr. No.	Parameter	Unit	Mar-25	GPCB LIMIT	Method of Test		
			19-03-2025				
1	Particulate Matter	mg/Nm³	24.69	150	IS 11255 (Part - 1)		
2	Sulfur Dioxide as SO <sub>2</sub>	ppm	10.86	100	IS 11255 (Part - 2)		
3	Oxides of Nitrogen as NO <sub>X</sub>	ppm	27.6	50	IS 11255 (Part - 7)		

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

Nikunj D. Patel (Chemist)

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AMUEFRICE Recog. Environmental: g. NABL USQ/EE 17025-2017(Assertment Laboratory under The EPA, 1986. (REST ON 2020 to 28 03.2028)

Testing Laboratory (TC-15/bits) \$2.05.3625 to 22.09.20243

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150 9003; 2015 150 45001; 2018 Certified

### **RESULTS OF CETP INLET WATER**

	RESULTS OF CETP INLET WATER										
					CETP	INLET					
SR.NO.	TEST PARAMETERS	UNIT	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	GPCB Permissible Limit CETP	TEST METHOD	
			05-10-2024	08-11-2024	25-12-2024	04-01-2025	20-02-2025	21-03-2025	Inlet	TEST METHOD	
1.	рН @ 27°C		7.69	8.34	7.74	7.77	7.48	7.42	6.5 to 8.5	·	
2.	Temperature	<sub>0</sub> C	30	30	29.5	29	30	30.5		IS 3025(Part 9):2023	
3.	Colour	Pt. Co. Scale	70	60	50	50	60	50	100	IS 3025(Part 4):2021	
4.	Total Suspended Solids	mg/L	62	288	210	562	128	32	800		
5.	Oil & Grease	mg/L	BDL(MDL:2.0)	3	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	20		
6.	Phenolic Compound	mg/L	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	2		
7.	Fluoride	mg/L	1.72	1.2	1.8	1.48	1.62	1.44	2		
8.	Iron as Fe	mg/L	0.132	0.165	0.144	0.125	0.118	0.125	3	IS 3025(Part 53):2003,	
9.	Zinc as Zn	mg/L	0.084	0.102	0.094	0.086	0.124	0.135	15	IS 3025(Part 49):1994	
10.	Trivalent Chromium	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	3	By Calculation	
11.	Sulphide	mg/L	0.54	1.3	1.2	0.52	0.61	0.52	2	APHA 24th Ed.2023,4500 S <sup>-2</sup> F	

Continue...



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					СЕТР	INLET			GPCB	
SR.NO.	TEST PARAMETERS	UNIT	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Permissi ble Limit	TEST METHOD
	PARAIVIETERS		05-10-2024	08-11-2024	25-12-2024	04-01-2025	20-02-2025	21-03-2025	CETP Inlet	TEST METHOD  IS 3025(Part 34):1988, IS 3025(Part 44):2023 IS 3025(Part 58):2023 IS 3025(Part 32):1988 IS 3025(Part 24):2022 APHA 24th Ed.2023,2540- C IS 3025(Part 26):2021
l 12 l	Ammonical Nitrogen	mg/L	38	40.2	32.8	24.2	28.4	20.8	50	IS 3025(Part 34):1988,
12	BOD (3 days at 27 °C)	mg/L	58	114	72	136	104	75	1000	IS 3025(Part 44):2023
14.	COD	mg/L	194	382.3	240.4	452.5	344.6	250.4	2000	IS 3025(Part 58):2023
15.	Chloride (as Cl) -	mg/L	874.1	880.6	940.4	984.2	956.2	976.8	1000	IS 3025(Part 32):1988
16.	Sulphate (as SO <sub>4</sub> )	mg/L	120.6	79.2	66.2	158.3	142	130	1000	IS 3025(Part 24):2022
1 1/ 1	Total Dissolved Solids	mg/L	1910	2056	2010	2040	1990	1984	2100	
l 18 l	Total Residual Chlorine	mg/L	0.65	0.82	0.67	0.52	0.42	0.67	2	IS 3025(Part 26):2021
19.	Copper as Cu	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	3	IS 3025(Part 42):1992

Best 1

Mr. Nilesh Patel Sr. Chemist

Mr. Nitin Tandel Technical Manager



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### **RESULTS OF CETP OUTLET WATER**

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

Continue...



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					CETP C	UTLET				
SR.N	TEST PARAMETERS	UNIT	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	GPCB Permissible	TEST METHOD
0.			05-10-2024	08-11-2024	25-12-2024	04-01-2025	20-02-2025	21-03-2025	Limit CETP Inlet	
11.	Sulphide	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	2	APHA 24th Ed.2023,4500 S <sup>-2</sup> F
12.	Ammonical Nitrogen	mg/L	19.6	3.4	9.8	14.5	12.2	8.9	50	IS 3025(Part 34):1988,
13.	BOD (3 days at 27 °C)	mg/L	32	17	20	13	15	17	100	IS 3025(Part 44):2023
14.	COD	mg/L	106.6	56.2	66.8	44.4	64.1	58.2	250	IS 3025(Part 58):2023
15.	Chloride (as Cl) -	mg/L	859.8	910	980.4	970.8	880.4	912.4	1000	IS 3025(Part 32):1988
16.	Sulphate (as SO <sub>4</sub> )	mg/L	118.2	149.3	132	182.6	154.2	130.6	1000	IS 3025(Part 24):2022
17.	Total Dissolved Solids	mg/L	1876	2060	2094	2050	2010	2018	2100	APHA 24th Ed.2023,2540- C
18.	Total Residual Chlorine	mg/L	0.81	0.88	0.72	0.56	0.45	0.56	1	IS 3025(Part 26):2021
19.	Copper as Cu	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	3	IS 3025(Part 42):1992
20.	Bio Assay test (%)	%	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	IS:6582-1971

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### **RESULTS OF BOREHOLE WATER SAMPLE**

Sr.				05-03-2025	05-03-2025	05-03-2025	05-03-2025
N o	Parameters	Method	Unit	Nr. PUB Building.	Nr. CETP	Nr.flyover bridge	Dhrub
1	pH @ 25 ° C	IS 3025(Part 11)1983		7.22	8.41	7.44	8.08
2	Salinity	APHA 24th Ed.,2023,2520 B	ppt	17.64	2	6.88	1.59
3	Oil & Grease	IS 3025(Part39)1991, Amd. 2	mg/L	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)
4	Hydrocarbon	GC/GCMS	mg/L	Not Detected	Not Detected	Not Detected	Not Detected
5	Lead as Pb	IS 3025 (PART 47) 1994	mg/L	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)
6	Arsenic as As	APHA 24th Ed.,2023,3114-C	mg/L	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)
7	Nickel as Ni	IS 3025 (PART 54) 2003	mg/L	BDL(MDL:0.02)	0.102	0.148	BDL(MDL:0.02)
8	Total Chromium as Cr	IS 3025 (PART 52) 2003	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)
9	Cadmium as Cd	IS 3025(PART 41) 1992	mg/L	0.88	0.036	0.102	BDL(MDL:0.003 )
10	Mercury as Hg	APHA 24th Ed.,2023, 3112-B	mg/L	BDL(MDL:0.001 )	BDL(MDL:0.001 )	BDL(MDL:0.001 )	BDL(MDL:0.001 )
11	Zinc as Zn	IS 3025(PART 49) 1994	mg/L	0.059	BDL(MDL:0.05)	0.112	BDL(MDL:0.05)
12	Copper as Cu	IS 3025 (PART 42) 1992	mg/L	BDL(MDL:0.05)	0.087	0.108	BDL(MDL:0.05)
13	Iron as Fe	IS 3025(PART 53) 2003	mg/L	0.152	0.188	0.145	0.133
14	Insecticides/Pesticides	USEPA 8081 B	μg/L	Absent	Absent	Absent	Absent
15	Depth of Water Level from Ground Level		meter	2.15	2.1	2.1	2.1

Reses

Mr. Nilesh Patel Sr. Chemist



Mr. Nitin Tandel Technical Manager



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### **RESULTS OF SOIL SAMPLE**

SR.NO.	TEST PARAMETERS		05-03-2025	05-03-2025	05-03-2025	05-03-2025
	1231171101111212110	UNIT	Near PUB	Dhrub	Near Flyover Bridge	Near CETP
1	рН		8.37	8.46	8.53	8.86
2	Nitrogen as N	%	0.21	0.39	0.42	0.55
3	Phosphorus as P	mg/kg	1230.5	724.1	884.6	4984.4
4	Potassium as K	mg/kg	41.2	1106	228.4	174.3
5	Baron as B	mg/kg	1.78	1.89	2.14	2.98
6	Calcium as Ca	mg/kg	342.2	3242.6	998.5	440.6
7	Magnesium as Mg	mg/kg	164.2	5510.2	514.3	110.5
8	Iron as Fe	%	0.81	1.46	0.92	1.18
9	Moisture	%	0.34	1.11	0.28	1.46
10	Organic Matter	%	0.78	1.42	1.22	1.23
11	Cation exchange capacity (CEC)	meq/100gm	10.4	14.2	1.3	10.2
12	TVC	CFU/gm	2.4x10 <sup>6</sup>	2.6 x 10 <sup>6</sup>	2.6 x 10 <sup>6</sup>	2.2 x 10 <sup>6</sup>
13	Cadmium as Cd	mg/kg	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)
14	Thorium as Th	mg/kg	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)
15	Antimony as Sb	mg/kg	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)
16	Arsenic as As	mg/kg	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)	BDL(MDL:1.0)

Continue...



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

Reses

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CALLIARAT

Mr. Nitin Tandel Technical Manager



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	Minimum Detection Limit										
	Ambient Air Quality Monitoring										
Sr. No.	Test Parameter	Unit	MDL								
1	Particulate Matter (PM10)	μg/m3	5 μg/m3								
2	Particulate Matter (PM10)	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	1-30 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								



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



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



### **Cost of Environmental Protection Measures**

Sr.	Activity	Cost i	Budgeted Cost (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	15.32	13.37	17.27	19.20
	Services				
4.	Hazardous / Non-Hazardous	104.035	130.11	122.46	172.40
	Waste Management & Disposal				
5.	Environment Days Celebration	2.53	3.42	1.85	4.00
	and Advertisement / Business				
	development				
6.	Treatment and Disposal of Bio-	2.29	2.28	2.39	2.28
	Medical Waste				
7.	Mangrove Plantation,	35.0	15	0	0
	Monitoring & Conservation				
8.	Other Horticulture Expenses	956	904	570	831
9.	O&M of Sewage Treatment	141.33	186.94	164.31	195.41
	Plant and Effluent Treatment				
	Plant (including STP, ETP of Port				
	& SEZ & Common Effluent				
	Treatment Plant)				
10.	Expenditure of Environment	90.136	80.39	93.40	75.92
	Dept. (Apart from above head)				
	Total	1366.28	1366.78	1029.51	1340.21

### PHOTOGRAPHS OF INSTALLED RECD ON DG SETS

Adani House (DG Room) - 750 KVA



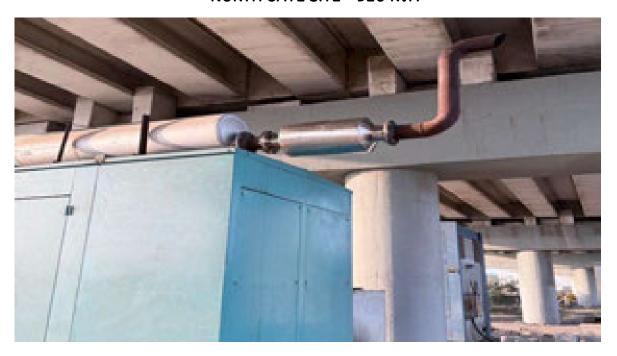
PUB Custom House - 500 KVA



WTP -CETP: 380 KVA



NORTH GATE SITE - 320 KVA



### **AIRPORT - 125 KVA & 140 KVA**







Government of India

Ministry of Commerce & Industry highline on femice que store (ful) Petroleum & Explosives Safety Organisation (PESO) Set often, set forega, www., when 390012 9th Floor, Park Paradiss, Vadear, Vadear,

E-mail: Ricce.vadodara@explosives.gov.in

Phone/Fax No : 0265 - 2361035

Print /Dated : 07/10/2024

elec /No.: P/ISQ/GJ/15/2050 (P12369)

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M/s. M/s. Adani Ports & Special Economic Zone Limited, Adani House, Post Bag No. 1,

Mundra - 370 021, Mundra, Teluka: Mundra, District: KUTCH, State: Gujaret PIN: 370021

feet/Sub : Plot No. -, MUNDRA, Mundra, Mundra, Taluka: Mundra, District: KUTCH, State: Gujarat, PiN: 370421 # feet feator influence of A.S.C. offeron if each in PAIG/G\_U15/2050 (P12369) is referred in stal if a

Existing Petroleum Class A.B.C Installation at Plot No. -, MUNORA, Mundra, Mundra, Taluka: Mundra, District: KUTCH, State: Oujaret, PIN: 370424 - Licence No. P/HQ/G.J/16/2000 (P12369) - Renewal regarding.

when /file

001:

your services service OIN1783396 floors 01/10/2024 we recolve all a

Please refer to your letter No.: QIM1783395, dated 01/10/2024

regarder accorder P/HQ/GJ/15/2050 (P12369) floring 20/02/2019 of floring 31/12/2029 may collety on our be seen another off as out it :

Licence No. P/HQ/GJ/15/2080 (P12369) dated 20/02/2019 is forwarded herewith duty renewed upto 31/12/2029.

precipition from 2002 is with your or, from 148 if the relation or world women't regals is others by once constraint at any first three were did the fall to the or we do not 20 for yell. Chief Controller of Explosives, Vadodara renter 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 Icance to Jt. Chief Controller of Explosives, Vadodars, so as to reach his office on or before the date on which Licence expires.

were resid to

Please acknowledge the receipt.

weels /Yours faithfully.

((fresh fire)
(Tejveer Singh))
set Broken Preze
Dy. Controller of Explosives
på ope que feretex tress
For Jt. Chief Controller of Explosives
schm/Vadodars

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10/07/2024

### ren XV (ren appri er apès 6 idles) FORM XV (see Article 6 of the First Schedule)

Affected it inflines is seen als remain in this again
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

HISTORY E. (Licence No.) : P/HQ/QJ/15/2080(P12369)

duren (Fee Rs.) 160000/- per year

M/s. M/s. Adant Ports & Special Economic Zone Limited, Adant House, Post Bag No. 1, Mundra - 370 021, Mundra, Taluka: Mundra, District: KUTCH, State: Gujarat, PIN: 570021 st less out out fritig of all secure of spites 321192,00 KL, arrest set in first also septites very some PN4Q/QJ/15/2050(P12359) and/o 23/05/2012 at the sest arrest of from a resource is first tightness affection, 1934. In used or soil soils are so regards of a self-secure or spites of a self-security and a security and a securi

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, District: KUTCH, State: Gujerst, PIN: 370021 valid only for the importation and storage of 321192.00 Ki. Petroteum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No PritGrG.N15/2080(P12369) dated 23/05/2012 attached hereto subject to the provisions of the Petroteum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

we signit 31st day of December 2029 on up into: The Licence shall remain in force till the 31st day of December 2029

ighter at free Abscription of Petroleum	segra era (Reshelled 6) AQuantity licenced in KiL
rf wygr tgifner /Petroteum Class A in bulk	277661.00 KL
of ways lighters in first /Petroleum Class A, otherwise then in bulk	NIL
rf trops lighter /Petroleum Class III in bulk	39021.00 KL
fire symitphism it floor /Petroleum Class B., otherwise than in bulk	MIL.
d s vgs lightwor/Petroleum Class C in bulk	14510.00 KL
of a sign highward from /Petroleum Class C, otherwise than in bulk	HIL.
ger were/Total Capacity	321192.00 (0)

#### November 17, 1888

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

regard wheels we flower after accessors

### DESCRIPTION AND LOGATION OF THE LICENSED PREMISES

Segle when found short over septifies with 6 found of 8 Plot No: -, MUNDRA, Mundra, Mundra, Taluka: Mundra, District: KUTCH, State: Gujarar, PIN: 370421 vers or coding 8 me and foundation 71 Above Ground tank(s) for CLASS A , 6 Above Ground tank(s) for CLASS B , 3 Above Ground tank(s) for CLASS C , effective 8 |

The Scenaed 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 CLASS A , 6 Above Ground tank(s) for CLASS B , 3 Above Ground tank(s) for CLASS C , together with connected facilities.

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10/07/2024

Chief Controller of Explosives

### नवीनीकरण के प्रशंकन के तिए स्थान SPACE FOR ENDORSEMENT OF RENEWALS

पेट्रिक्स अधिनियम, १९३४ के जुन्दाओं सा जनके उत्पीत बनाए गए नियमों या इस अनुवाधि की कार्डी का जल्दाका म सीने की दशा में यह अनुवाधि किया में किस किसी पूट के इस वर्ष तक नवीपत की कर सकेटी ! This licence shall be renewable without any concession in fee for len years in the absence of contravention of any provisions of the Patroleum Act, 1934 or of the rules framed thereunder or of	ਜੀਵਦਾ ਵੀ ਗਰੋਬ Gate of Herward	समाधि की ता Date of Expriy of licer	Ridgethon and office storm of the bossesses
any of the conditions of this licence.	17/11/2005	31/12/2008	5d/- PESO ADMIN
2).	01/12/2008	31/12/2011	Sid/- R. Rawat
ðγ.	29/11/2011	31/12/2014	Sd/- Dr S. Kamai
4),	18/09/2014	31/12/2017	Sg/- T R Thomas Chief Controller of Explosives Negpur
6).	22/09/2014	31/12/2024	5d/- T R Thomas Chief Controller of Explosives Negpur
6).	07/10/2024	31/12/2029	Tejveer Singh Dy. Controller of Explosives For Jl. Chief Controller of Explosives Vadodara

मंदि अपूर्वित परिसर इसमें उपास्त्र विवरण और सार्ति के अपूर्वप नहीं पाप जाते हैं और जिन विवर्ध और सार्ति के आणि पह अपूर्वित संबूह को नई है जाने से विवर्ध मा जाराम है। जो ने ने ने अपूर्व मा जाराम के लिए साधारण कारामा है। जो एक मारा तेन है। वा दोनों है, और अपूर्वित प्रधान के लिए साधारण कारामा है। जो एक मारा तेन है। वा दोनों है, और प्रधान काराम के लिए साधारण कारामा है। वो पान तक हो सकता है, वा पुन्ति है, वो पान काराम के लिए साधारण कारामा है। वा पुन्ति है, वो पान काराम है। वा पुन्ति है। वा पुन्ति है। वो पान काराम है। वा पुन्ति है। वा पुन्ति है। वो पान काराम है। वा पुन्ति है। वा पुन्ति है। वो पान काराम है। वा पुन्ति है। वा पुन्ति है। वो पान काराम है। वा पुन्ति है। वा पुन

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Digitally eigned by TEJVEER SINGH Rivanori: Licence No. | PVHQ/GJ/18/2000 Location: Vacionara (P10360) Date:(7:10-2004 10:17:47 MsJ



### ANALYSIS REPORT FOR WATER / WASTE WATER SAMPLE

Sample ID:475921 - Analysis Completion:04/02/2025

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

BHUJ - 370 001

Industrial estates/ parks / complexes/ areas/ export processing zones/ SEZs/ Biotech parks/ leather complex- [If covered under EIA Notification] / LAB Inward: 9058

#### **TEST REPORT**

Test Report No.: 9058 Date: 14/02/2025

1. Name of the Customer : ADANI PORTS AND SPECIAL ECONOMIC ZONE LIMITED - 31463

2. Address : Notified SEZ area ,Mundra,

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 : 475921

7. Date & Time of Collection & Inwarding : 21/01/2025, (1615 to 1615) & 27/01/2025

8. Date of Start & Completion of Analysis : 31/01/2025 & 04/02/2025

9. Sampling Point : sample collected from STP outlet @adani House ~ From final outlet of Adani House ST

10. Flow Details (Remarks) : --

11. Mode of Disposal : On land for plantation & gardening within the premises

12. Ultimate Receiving Body : Industrial & Domestic wastewater reused

13. Temperature on Collection : 28 & pH Range on pH Strip :7 to 8 on pH strip

14. Carboys Nos for : W-1 & Color & Appearance : light grey

15. Water Consumption & W.W.G (KLPD) : Ind :0.000 , Dom :1050.000 & Ind :0.000 , Dom :345.000

Sr	Parameter	Unit	Test Method	Range of Testing	Result
1	рН	pH Units	4500 H+ B APHA Standard Methods 23rd edi.2017	1 – 14 pH value As or	6.38
2	Suspended Solids	mg/l	Gravimetric method. (2540 D APHA Standard Method	2 – 10000 mg/L	6.0
3	Fecal Coliform	MPN/100 ml	2.9221 E APHA 23rd Edition IS 1622-1981	<1.8 to >1600 MPN/10	<1.8
4	B.O.D (3 Days 27oC)	mg/l	3 - Day BOD test. (IS 3025 (Part 44) 1993 Reaffirmed	05-50000 mg/l	8.0

<u>Laboratory Remarks</u>: 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.

19/02/2025 16:58:14

#### Radheshyam Singh

From: Bhagwat Swaroop Sharma
Sent: Monday, May 19, 2025 10:50 AM

**To:** Chiragsing Rajput; Radheshyam Singh; Ashvin Kumar Patni; Abhishek Pathak

**Subject:** FW: Submission of monitoring Ground Water Level & Quality

**Attachments:** Submission of Ground Water Report 15.05.2025.pdf

From: Bhagwat Swaroop Sharma

Sent: Monday, May 19, 2025 10:48 AM

**To:** 'rdwcr-cgwb@nic.in' <rdwcr-cgwb@nic.in> **Cc:** Anil Trivedi <Anil.Trivedi@adani.com>

Subject: Submission of monitoring Ground Water Level & Quality

APSEZL/EnvCell/2025-26/011 Date: 19/05/2025

Τo,

Regional Director Central Ground Water Board West Central Region Swami Narayan College Building, Shah Alam Tolnaka, Ahmadabad, Gujarat – 380022.

#### Sub: Intimation regarding monitoring of ground water level & quality

Dear Sir,

With reference to the above stated subject, Adani Ports and Special Economic Zone Limited (APSEZ) located at Village: Mundra, Tal. Mundra, Dist. Kutch – 370421 would like to clarify you as below.

APSEZ has constructed 04 nos. of bore holes within multi-product SEZ for regular monitoring of ground water level and its quality. The locations of bore holes are as below.

Sr. No.	Location	Latitude	Longitude
1.	Nr. Common Effluent Treatment Plant (CETP)	22°48'64.0"N	69°42'39.0"E
2.	Nr. PUB Building	22°77'92.58"N	69°68'34.4"E
3.	Nr. Flyover Bridge (ROB)	22°79'82.1"N	69°68'26.12"E
4.	Nr. Opp. Dhrub Railway Station	22°48'07.3"N	69°39'85.6"E

Ground water monitoring is being carried out every six monthly by NABL accredited and MoEF&CC recognized agency namely M/s. Unistar Environment and Research Pvt. Ltd., Vapi. Latest ground water monitoring reports are enclosed here as **Annexure – A** for your reference.

APSEZ is requesting you to kindly consider the attached analysis report and provide your opinion regarding the same.

#### Thanks & Regards,

Bhagwat Swaroop Sharma Sr. Manager - Environment Mundra & Tuna port Adani Ports & Special Economic Zone Ltd.

Environment Cell | 1st floor | Adani House | Mundra Kutch | 370421 | Gujarat | India Mob +91 6357231713 | Ext. 52474 | www.adani.com



Our Values: Co







Date: 02-05-2025

### राष्ट्रीय अंतर्विषयी विज्ञान तथा प्रौद्योगिकी संस्थान NATIONAL INSTITUTE FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY

हितानक तथा ओद्योगिक अनुसंधान परिषद | Council of Scientific & Industrial Research

\$35000 USC 4.0 UNIVERSE DOUBLES MICE - 695019 Industrial Estate P.O., Pappanancode, Thiruvananthipurism, India - 695019

Lr. No. NIIST-EMGM/APSEZ/2025-01

To Head-Environment, M/s. Adani Ports and SEZ Ltd.. Adami House, PO Box No. 1, Mundra, District Kachehh - 370421 Gujurat.

Sub: Annual compliance assessment of APSEZ EC&CRZ Clearance conditions

Ref: i) Multi-Product SEZ EC & CRZ Clearance granted by MoEF F. No. 10-138/2008-IA.III dated July 15, 2014 (Specific condition no. vii)

iii) SO No: 5702022305 dated 25-12-2024

iii) Site visit by experts dated April 7-8, 2025

With reference to the above-cited subject and references, work has been awarded to CSIR-NIIST for carrying out a comprehensive inspection study for annual compliance assessment in accordance with the EC&CRZ Clearance specific condition no. (vii) granted for the development of a Multi-Product Special Economic Zone (SEZ) at M/s. Adami Ports and SEZ Ltd., Mundra.

The inspection study was conducted during April 7-8, 2025 as part of the annual compliance assessment which included detailed verification of all the EC & CRZ conditions through review of half-yearly compliance report that was submitted for the period of April 2024 to September 2024, monitoring reports, and an on-site physical examination. The developmental activities within the SEZ. were evaluated by visiting the key project components, environment infrustructure management (air, water, noise, soil, CRZ, biodiversity) is functioning as intended and aligns with applicable environmental norms, standards, and regulatory frameworks.

The project is found to be largely compliant with the stipulated EC conditions at the time of inspection and no deviation was observed. Practices such as mangrove buffer preservation, greenbelt. development, and regular environmental monitoring are being appropriately implemented. The proponent is advised to continue the current environmental management and compliance practices in the same spirit. This certificate is issued for submission to the relevant regulatory authorities as a record of annual compliance assessment (for the year 2024-25) in line with the EC condition requiring third-party evaluation.

Saurabh Salchre-

Senior Scientist

द्वीरम पारवरी/Saumbh Salden ental Technology Division Sravanth Tangellamudi Scientist

STATE STATE THANKS (BEST STEELS

Tel: 91 471 2515387





Logistics

PC8 ID: 35427

APSEZL/EnvOall/2024-25/084

Cate: 04/12/2024

The Regional Officer, Regional Office GPCB (Kutch-East) Gendhidhem, 370201.

: Submission of compliance to observation/suggestion/instruction made by GPCB Sub

officials during inspection.

Reference : GPCB Inspection dated 25.11.2024, PCB ID: 35427.

#### Respected Sir.

Point:

With reference to the above-mentioned subject, Adami Ports and Special Economic Zone Limited (APSEZ) is hereby submitting the compliance status/ response against observations/ remarks given during your official visit dated 25th Nov. 2024 as below:

1	No.	1000000	
	1	Point No. 1	<ul> <li>Self-ignition/ smoldering in Coal cargo occurs due to grade and quality of coal which is being imported. However, best practices for coal handling is being adopted and implemented within port.</li> <li>Water sprinkling/ dust suppression activity is being done at regular frequency on coal heap and operational area and the same was observed by GPCB officials during site visit.</li> <li>Nevertheless, we have adopted the following routine activities to prevent a smoldering of coal.</li> <li>Regular basis Dry cargo and fine team vigilance for smoldering and immediate cooling.</li> <li>Regular water sprinkling within the coal stack yard to combat the fire.</li> <li>Compressing of the coal heap with mechanized system to avoid voids causing regeneration of smoldering.</li> <li>Fast evacuation of Coal from port premises.</li> <li>Internal reshuffling of coals to prevent regeneration of smoldering.</li> <li>Photographs of water sprinkling / firefighting activities are attached as Annexure - 1.</li> </ul>
			<ul> <li>APSEZ has an adequate firefighting system such as sprinklers, hydrants, wet riser system, dry riser system, water bowser, water monitor, etc. for effective firefighting at osal yard.</li> <li>APSEZ is also in progress to renovete DSS with automation system (approx. 40% work completed). The same will be helpful to prevent the</li> </ul>
			spontaneous ignition in coal more effectively.
	2.	Point No. 2	APSEZ will commence operation of 33 MLD Desalination Plant after obtaining requisite permissions from the board and the same will be intimated to your good office once commenced.
	3	Point No. 3	APSEZ will commence handling of liquid cargo after obtaining requisite permissions from the board and the same will be incimated to your good office once commenced.

Adami Ports and Special Economic Zone Ltd. Tel: +91 2838 25 5000 Adeni House. PO Box No. 1 Mundra, Rutch 370-421

Fax +91 2858 25 51110 into@eduni.com minis adami, som

Sujarat, India DN: UE3090GJ1998PL0034182

Registered Office: Adeni Corporate House, Shartigram, Nr. Valotino Devi Circle, S.S. Highway, Khodiyar, Ahmedidae' -382421, Sujarat, India

Our Response / Compliance status

247



Date: 04/02/2025



APSEZL/EnvCell/2024-25/094

To,

The Regional Officer, Regional Office (Kutch-East),

Gujarat Pollution Control Board, Gandhidham, 370201.

Sub : Submission of compliance to observation/suggestion/instruction made

by GPCB officials during inspection.

Reference: GPCB Inspection letter dated 30.01.2025, PCB ID: 17739.

Respected Sir,

With reference to the aforementioned subject, Adani Ports and Special Economic Zone Limited (APSEZL) hereby submits the compliance details and responses concerning your observations and remarks as outlined below:

Sr. No.	Inspection Remarks	Compliance
1.	To comply the conditions of Environmental Clearance.	APSEZL has recently been granted the Environment & CRZ Clearance Order by the Ministry of Environment, Forest and Climate Change (MoEF&CC) on date 13.08.2024, for the "Expansion of Waterfront Development Plan (WFDP)" at Mundra. APSEZL is complying with the stipulated conditions in accordance with the granted order on 13.08.2024. The EC & CRZ Compliance Report for the period from April 2024 to September 2024 was submitted to the respective government bodies via email dated 30.11.2024 and was also uploaded to the "Parivesh Portal" of MoEF&CC. Acknowledgement copy of Parivesh Portal is attached as <b>Annexure - 1</b> .
2.	To submit the details production, water consumption, wastewater generation, fuel consumption, hazardous waste generation & disposal for last thee months.	Details of cargo handling, water consumption, wastewater generation, fuel consumption, and hazardous waste generation and disposal for the past three months (Oct-2024 to December-2024) are attached as <b>Annexure - 2</b> .

Adani Ports and Special Economic Zone Ltd Adani House, PO Box No. 1 Mundra, Kutch 370 421

Gujarat, India

Tel +91 2838 25 5000 Fax +91 2838 25 51110 info@adani.com www.adani.com



Kindly consider our compliance against the given written instructions dated 30<sup>th</sup> January 2025 and acknowledge the same.

Thank you Yours Faithfully,

For, Adani Ports and Special Economic Zone Limited

Bhagwat Swaroop Sharma Head – Environment

Encl: As above

## Copy to:

The Unit Head, GPCB – Head Office, Paryavaran Bhavan Sector 10 A, Gandhi Nagar 382010.

## Annexure – 16

	Expense Details for Fisherfolk Amenitites work in different core areas											
Sr. No.	Details	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	TOTAL	AMT IN
			Exper	nditure Details (A	mount in Rs.)							LACS
1	Vidya Deep Yojana	2,069,300	193,000	2,087,000	1,771,000	110,225	580,103	969,660	-	-	7,780,288	77.80
2	Vidya Sahay Yojana	552,580	495,000	691,000	708,000	504,336	659,709	847,013	563,000	644,000	5,664,638	56.65
3	Adani Vidya Mandir – Shaping Lives	4,200,000	4,030,000	3,472,000	6,434,020	1,593,805	3,737,700	5,950,854	7,452,390	7,815,023	44,685,792	446.86
4	Senio Citizen Health Card		8,430,000	1,750,000	2,975,000	1,750,000	-	-	-	-	14,905,000	149.05
5	Financial Support to Poor Patients	4,439,507	1,275,000	813,000	1,296,063	763,800	1,255,000	1,691,410	1,620,000	1,666,000	14,819,780	148.20
6	Machhimar Kaushalya Vardhan Yojana	188,708	200,000	397,000	73,000		226,000	134,070	-	-	1,218,778	12.19
7	Machhimar Sadhan Sahay Yojana			315,000	522,000		-	-	-	-	837,000	8.37
8	Machhimar Awas Yojana	4,592,106	1,165,000		2,311,000	2,424,016	2,480,000	712,000	1,227,000	-	14,911,122	149.11
9	Machhimar Shudhh Jal Yojana	2,236,050	2,700,000	2,038,000	1,773,000	2,348,300	1,936,575	2,096,050	1,370,000	1,264,000	17,761,975	177.62
10	Sughad Yojana	1,367,300	170,000		192,000	30,000	-	-	-	-	1,759,300	17.59
11	Machhimar Akshay kiran Yojana	860,850	100,000	68,000			-	-	-	-	1,028,850	10.29
12	Machhimar Ajivika Uparjan Yojana-Mangroves plantation	1,558,800	500,000	1,382,000	1,400,000	1,900,272	2,069,432	1,914,432	-	270,000	10,994,936	109.95
13	Bandar Svachhata Yojana	106,400	50,000			367,000	145,000	25,000	-	-	693,400	6.93
14	Cricket league and Cycle Marathon	432,000	657,119	638,000	610,800		-	-	-	-	2,337,919	23.38
15	Sports Material For Children & Youth at Vasahats	197,797					-	-	-	-	197,797	1.98
16	New Pilot Initiative for Polyculture	398,240	160,000		-		-	-	-	-	558,240	5.58
17	New Pilot Initiative for Cage farming Asian Seabass & Lobster	864,000	660,000				-	=	-	-	1,524,000	15.24
18	Sea Weed Culture Project				200,000		-	-	-	-	200,000	2.00
19	Mangrove Biodiversity Project			1,890,000	684,000	499,210	997,642	1,135,000	-	191,000	5,396,852	53.97
20	Approach Road restoration at 9 vasahat				-	599,000	942,780	1,011,000	-	-	2,552,780	25.53
21	Community trening Centor & Maintenance work						6,022,000	2,051,000	-	-	8,073,000	80.73
	TOTAL	24,063,638	20,785,119	15,541,000	20,949,883	12,889,964	21,051,941	18,537,489	12,232,390	11,850,023	157,901,447	1,579.01

## Annexure – 17



## Compliance Report of CIA Study Environment Management Plan

S. No.	Identified environmenta I and social impacts for the fully developed scenario (year 2030)	Type of Impact & Magnitud e1	Environment management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.	Additional Risk Mitigation Measures/ESMP	Responsible agency	Timeframe for implementation	Compliance
1.1	Land Use Changer It is predicted	ge Level - 1	APSEZ has	T .	APSEZ	As and when	APSEZ has developed two townships (Shantivan and
	that the built up land in the rural areas would increase by an order 50% from the baseline 2015.  New settlements near the SEZ area might create slums.  Unorganized urban development leading to poor	Level - 1	developed two townships (Shantivan and Samudra) presently accommodati ng 1668 households. Necessary permissions from concerned authorities were already obtained for the development of townships and Associated infrastructure	The existing townships will be expanded to accommodate about 4 lakh people when the APSEZ is fully developed.	AFSLZ	Required	Samudra) accommodating 4677 households and associated infrastructure facilities. Accommodation is made available for all interested employees working within Adani group & SEZ industries. Out of which 93.65 % Occupancies are accommodated within the townships and rest are available for employees working within APSEZ.  At present 81 nos. of industries (processing & non-processing) are present within the SEZ (61 nos. are in operation). Township facilities are also made by some of SEZ industries within Mundra town for their employees with basic infrastructure facilities and requirements.  Most of the employees working in SEZ industries are residing in Mundra township having all basic requirements and associated facilities.  The existing social infrastructure facilities are
	sanitation and proliferation		facilities.				adequate for present development at APSEZ. The existing townships with associated facilities will be



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	of vectors and disease.						expanded as per requirement.  APSEZ has also been granted permission for receiving domestic sewage @ 2.5 MLD from Mundra village (which was earlier discharged into open area within Mundra region) into wastewater treatment plant for treatment and disposal. APSEZ has already started receiving of domestic sewage from Mundra, which abates the poor sanitation and unhygienic condition within Mundra region. Total project cost for laying domestic sewage underground pipeline with other associated facilities from Mundra to APSEZ is 362 Lacs.
1.2	Once the project is fully developed, due to increase in built up land in the APSEZ area, there will be an increase in the storm water runoff from the facility.	Level-1	The study area experiences scanty rainfall less than 400 mm/year. Considering the natural gradient, ASPEZ have designed and implemented storm water	Technical feasibility study can be carried out to explore the possibility of developing storm water collection ponds to utilize maximum possible storm water runoff for dust suppression in the coal yard areas during non-rainy days.	APSEZ	Technical Study - one time, Implementation - Continual process	Presently, ~ 39 % area is already developed & ~ 13% area is under construction phase out of the total SEZ area  At present all existing coal yards are designed with drain, for collection of water during water sprinkling and rainfall, which is carried away to dump pond. Supernatant water from dump pond is being collected and used for dust suppression activities or after sedimentation, discharged to sea. Details of drain and dump pond has been submitted along with EC compliance report (Oct 19 to March 20). Analysis of said water discharging into sea during monsoon season is being carried out (twice in a year during monsoon) through NABL / MoEF&CC accredited



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			drains in the existing facility to meet the peak daily rainfall of 440 mm/hr. Hence flooding of water in the neighboring areas is not envisaged.				laboratory. The analysis report of the same shows there is no any contamination. The report of the same is was submitted during the compliance report submission for the period Apr'24 to Sep'24.  During compliance period FY 2024-25 total recorded rain fall was <b>1365 mm</b> observed, which was much less than the design capacity of existing storm water drainage system. So our existing storm water management facility is adequate to handle the storm water runoff from the area. Hence flooding of water in the neighboring areas is not envisaged.
			As per the directions given in the environment al clearance issued for the proposed Multi-Product SEZ and CRZ clearance for Desalination, sea water intake, outfall	The channel depth in all the natural streams shall be maintained to accommodate peak flood flow during the monsoon and periodical desilting activities in the natural steams passing through the APSEZ area	APSEZ, District Administratio n* and Irrigation department	As and When Required	Presently there is no Desalination plant, sea water intake and outfall facility developed as part of EC & CRZ clearance of Multiproduct SEZ. The project will be designed and implemented as per requirement without disturbing the natural flow of rainwater in all the seasonal streams.



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1. 3	Due to conservation and protection of mangroves in the designated conservation area, it has been predicted	Positive Impact with ecologi cal benefits	facility and pipeline project, the master plan of the project was designed and being implemented without disturbing the natural flow of rainwater in all the seasonal streams.  In addition to conservation of the identified 1254 ha mangrove areas around Mundra port and SEZ, APSEZ has taken up large scale	APSEZ will continue mangrove afforestation as per the commitment made with concerned regulatory authority	APSEZ	Short Term	APSEZ has carried out mangrove afforestation in 4140 ha. area across the coast of Gujarat till date. Total expenditure for the same till date is INR 1592.8 lakh. No further mangrove afforestation is pending w.r.t. commitment made with concerned regulatory authority for APSEZ, Mundra project.  1. NCSCM (MoEF&CC promoted Government Agency) study on comprehensive and integrated plan for preservation and conservation of mangroves and associated creeks in and around



S. Identified environment I and social impacts for the fully developed scenario (year 2030)	Type of Impact & management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guideline etc.	Responsible agency	Timeframe for implementation	Compliance
that the current mangrove footprint area would marginally increase in next 15 years due to natural growth. This will enhance the overal biodiversity in the loca coastal ecosystem.	afforestation activities in an area o more than 2800 ha a various locations across the coast o Gujarat state in consultation with various			APSEZ in year 2016-17. The cost of said study was 3.15 Cr, which was incurred by APSEZ.  As a part of mangrove conservation plan, APSEZ has done following activities.  a. Monitoring of mangrove distribution in creeks in and around APSEZ and shoreline changes in Bocha island through NCSCM, Chennai. The cost of the said study was INR 23.56 Lacs incurred by APSEZ.  b. Tidal observation in creeks in and around APSEZ – The cost of the said activity was INR 1.0 Lacs incurred by APSEZ.  C. Algal & Prosopis removal from Mangrove area - The cost of the said activity was Rs. 150000 during FY 2024-25. The algal removal report is attached as Annexure – 1.  d. Awareness of mangroves importance in surrounding communities & Fodder support - The expenditure for fodder supporting activities was approx. 410.48 Lacs during FY 2024-25 which was incurred by APSEZ. This is activity is being done on continuous basis as a part of CSR activity.  Summary of Conservation of mangroves:    Monitoring Agency   Mangrove cover area Increased   Mangrove cover area Increa



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							Mangrove mapping Year		Mangrove cover total Area (Ha.)	Нас.	%
							2011		2094	-	-
							2011 to 2016-17	NCSCM	2340	246	11.75%
							2017 to 2019 till March	NCSCM	2596	256	10.94%
							2019 to 2021 till March	GUIDE	2723	127	4.89%
							Total		2723	629	
							As a part mangrove undertaken	om in and are (2723 Ha) <b>is</b> of GCZMA re	e in mangrovound APSEZ 6629 Ha (30° ecommendation pictivities.	from 20 <b>%).</b> ons an an, Af	011 (2094 d NCSCM



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							1.	Mangrove mapping and monitoring in and around APSEZ	<ul> <li>APSEZ entrusted NCSCM, Chennai to carry out Monitoring of mangrove distribution in creeks in and around APSEZ and shoreline changes in Bocha island.</li> <li>As a part of this study, overall growth of mangroves in the creeks in and around APSEZ was assessed comparing Google earth images of 2017 &amp; 2019 and it is observed that there was increase in mangrove cover between March 2017 and September 2019 to the extent of 256 Ha, which is about 10.94%.</li> <li>This suggests that the mangroves and the tidal system in the creeks remain undisturbed over this period. Analysis of data between categories indicated that there was an increase in dense mangroves and also conversion of scattered to sparse which also shows that the growth of mangroves in a progressive direction.</li> <li>Hence, there is an overall growth of mangroves in creeks in and around APSEZ, Mundra is 502 Ha between 2011 and 2019.</li> <li>The cost of the said study was INR 23.56 Lacs incurred by APSEZ.</li> </ul>



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							According to GUIDE Mangrove monitoring study report November 2023 (the report was submitted during the last compliance report submission Apr'23 to Sep'23),), the distribution of mangroves in Kotadi, Baradi mata, Navinal, Bocha and Khari creeks as well as in the Bocha island was studied using LISS IV satellite images for the duration of March 2019 to March 2021. The mangrove cover in the creeks in and around APSEZ showed a positive trend from March 2019 to March 2021, with an overall increase of 52.79 ha (1.9%) compared to the cover during the year 2019. The total mangrove cover during 2019 was 2670 ha which has increased to 2723 ha during the year 2021.  Hence, overall increase in mangrove cover area in creek system in and around APSEZ from 2011 (2094 Ha) to 2021 (2723 Ha) is 629 Ha (30%).  The cost of the said study was INR 23.60 Lacs incurred by APSEZ.
							Summary of Mangrove mapping and monitoring (from 2011 to 2021):



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									Mangr ove mappi ng	Mangr ove cover total	CO <sup>o</sup>	angrove ver area creased
									Year	Area (Ha.)	Ha c.	%
									2011	2094	-	-
									2011 to 2016- 17	2340	24 6	11.75%
									2017 to 2019 till March	2596	25 6	10.94%
									2019 to 2021 till March	2723	12 7	4.89
									Total	2723	62 9	
							2.	Tidal observation in creeks in		tions at lo	cation	the tidal s similar to ta, Navinal,



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							and around APSEZ  Bocha and Khari creeks under the guidance of NCSCM.  The observed tidal ranges indicate that the creeks experience normal tidal ranges, adequate for the growth of mangroves.  The cost of the said activity was INR 1.0 Lacs.  Algal and Prosopis growth monitoring was done in and around mangrove area and algal encrustation was found in some of the mangrove areas, which has been removed manually.  The cost of the said activity was Rs. 150000 during FY 2024-25. The algal removal report is attached as Annexure – 1.
							Awareness of mangroves importance in surrounding communities s     Awareness of mangroves importance in surrounding communities of mangroves. Adani Foundation provides Good Quality dry and green fodder to 24 Villages. Project is covering total 15005 Cattels and hence enhancing cattle productivity. Dry Fodder 15,74,250Kg Green – 51,66,805 Kg.      Awareness of mangroves importance in surrounding communities & Fodder support - The expenditure for fodder



S. E	Identified environmenta I and social impacts for the fully developed scenario (year 2030)	Type of Impact & Magnitud e1	Environment management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.	Additional Risk Mitigation Measures/ESMP	Responsible agency	Timeframe for implementation	Compliance
							supporting activities was approx. 410.48 Lacs during FY 2024-25, which was incurred by APSEZ.  • Grass Land development: 213 acres of gauchar land has been cleaned and allocated for Grass land development with strong Community Contribution and Mobilization.  • Other than this dedicated security guard with gate system deployed by APSEZ across the coastal area and no any unauthorized persons allowed within coastal as well as mangrove areas.  • APSEZ has celebrated the International Day for the Conservation of the Mangrove Ecosystem on 24th to 26th July 2024 to raise awareness of the importance of mangrove ecosystems as "a unique, special and vulnerable ecosystem". The report for the same was submitted during the compliance report submission for the period Apr'24 to Sep'24.  • Refer CSR report attached as Annexure – 2.  To comply with the GCZMA recommendations regarding mangrove monitoring at every 2 years, presently APSEZ has awarded the work order to



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							NCSCM, Chennai vide order no. 4802055905, dated 24/09/2024 with cost 45.87 Lacs for mangrove mapping in and around APSEZ March 2021 to March 2023.  NCSCM has conducted ground truthing during 5th to 7th Mar'25 & 22nd to 27th Apr'25 in and around our APSEZ area for mangrove mapping & study work has been completed. Final Mangrove mapping report is awaited from NCSCM.
1. 4	Developmen t activities along the coast might cause certain changes in hydro- dynamic characterist ics along the shoreline. Shoreline of any area also can be influenced by storm surges and		Detailed hydro- dynamic modelling and shoreline change prediction for a fully developed APSEZ facility has been studied. The study reveals that the erosion and accretion in the study	It is recommended to map the coastal morphology (Shoreline) at least once in three years	APSEZ	Continual Process	<ul> <li>Shore line change aspect has been studied in detail as part of following two studies;</li> <li>Bathymetry &amp; Topography study, preparation of plan for protection of creeks/ mangrove area including buffer zone, mapping of co-ordinates, running length, HTL, CRZ boundary.</li> <li>A Regional Impact Assessment study to identify impacts of all the existing as well as proposed project activities in Mundra region.</li> <li>As per the outcome of these studies, no erosion is observed on the coast of the project area. As part of the Regional Impact Assessment study, the possible changes in shoreline that may occur due to the proposed developments in 10 km area on either side of the waterfront development project have been predicted. It has been inferred from the modelling study that the shift in the shoreline will be less than 0.5 m/year, which reconfirms that the APSEZ facility would pose insignificant impact on the Mundra</li> </ul>



S. environme No. I and soci impacts for the fully developed scenario (year 203	Magnitud e1	Environment management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.	Additional Risk Mitigation Measures/ESMP	Responsible agency	Timeframe for implementation	Compliance
other natural processe		area at the end of 15th year will be within the designated criteria of ± 0.5 m/year. which reconfirms that the waterfront development activities of APSEZ would pose insignificant impact on the Mundra shoreline.				shoreline. Accretion is observed at South port and at West port due to approved reclamation activities.  Based on the study outcome, it is recommended to map the coastal morphology (shoreline change) at least once in three years.  Shoreline change study was carried out by M/s. Gujarat Institute of Desert Ecology, Bhuj in 2022 as a part of the Environmental Management Plan (EMP) compliance with the CIA study. The cost of said study was INR 17.39 Lacs.  As per GUIDE study, the rate of shoreline changes statistics on a time series of multiple shoreline positions of a totally 43 km coastline stretches (16 km on the west side and 27 km on the east side of Adani main port) on either side of Adani Ports and Special Economic Zone Ltd (APSEZL) has been taken into account for the calculation by using satellite images.  As a part of the NGT direction, the shoreline change analysis has been carried out for the years 2015-2022 to study the immediate changes after the commissioning of the port and initiation of the activities (September 2015) for short-term variation for the year 2015-2022 using EPR method has been carried out.



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							interval	time)	he rate of sho recorded from elow table.		
							Perio	Name	Average Shoreline	Shoreline C	hange(M)
							d	of the block	Change(M/Y ear)	Maximum Accretion	Maximu m Erosion
							2015- 2022	West Port	-11.43	39.86	-78.68
								Easter n side	-26.60	191.32	-165.19
							GUIDE	was su	Change Assess Ibmitted alon rt for the perio	g with six	k monthly
							MS, Che	ennai (N <i>A</i> Waterfro	e study was ca ABET accredite nt Developme Immary of the s	d consultan nt Project –	t) also as a Expansion
							approve shoreling using t 2018. In the sh	ed water ne chang ne satelli n order to oreline,	shoreline cha front developn e assessment te imagery fo avoid any ma the satellite considered f	nent plan, a has been u r a period o jor errors in data for si	historical undertaken of 2008 to estimating milar tidal



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							2018. AMBUR Methodology was used to study the historical analysis.  10 km radius stretch of shoreline on either side of the
							APSEZ project boundary has been considered for assessing the historical shoreline change scenario. The baseline shoreline change assessment depicts the influence of both natural causes and also possible changes in the shore due to various development activities in the study area during the designated period. For the purpose of this study, shoreline on left side of APSEZ is termed as West Side Shoreline and that of the right side as East Side Shoreline for ease of recognition.  The maximum accretion and erosion rate of the west side shoreline over a period of 10 years during the year 2008 – 2018 are observed to be 4.78 m/yr and 1.93 m/yr respectively.
							The maximum accretion and erosion rate of the east side shoreline over a period of 10 years during the year 2008 – 2018 are observed to be 05 m/yr and 0.82 m/yr respectively.
2	Regional Traffic	: Manageme					
2. 1	The projected traffic data as per the	Level-1	As per the master plan of APSEZ, eight artillery	Additional road as per master plan will be built in future based	APSEZ	As and When Required	Presently, $\sim 39$ % area is already developed & $\sim 13\%$ area is under construction phase out of the total SEZ area



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	EIA Report of Multi-		roads will be	on the overall progress of the			Existing road/rail/conveyer infrastructure facilities are adequate to evacuate the existing cargo. Further,
	Product		connected to either state	progress of the project.			APSEZ's cargo evacuation through rail / conveyer /
	Special		highway or	Currently about			pipeline has ~40.79 %. Additional Road facilities will be
	Economic		national	25% of cargo			built as per master plan considering future development.
	Zone, the		highway for	from APSEZ is			g and a supplied to the suppli
	peak		evacuating	transported by			The facilities for transportation of cargo other than
	vehicular		the goods	Rail and the			road will be enhanced considering future development,
	traffic from		from APSEZ.	same will be			which will reduce the traffic volumes on the regional
	the port and		None of	enhanced to 40%			road Network.
	SEZ		these roads	when the facility			
	operations (including		are passing through	is fully developed in future. This			
	supporting		settlements.	will further			
	facilities		thereby	reduce the			
	and colony)		avoiding	traffic volumes			
	could be in		traffic	on the regional			
	the order of		Congestions	road			
	18,300 and		in the	network.			
	10,400		respective				
	vehicles per		villages. The				
	day		carrying				
	respectively		capacity of				
	•		the eight artillery				
	There could		roads				
	be a		connecting				
			APSEZ is				



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	possible .		estimated to				
	increase in		be about				
	traffic congestions		16,000 PCU/hr as				
	on village-		against the				
	highway		envisaged				
	intersection		peak traffic				
	s and road		volume of				
	accidents.		4,500				
			PCU/hr.				
			Out of eight				
			artillery				
			roads				
			considered				
			in APSEZ				
			master plan,				
			seven roads				
			were already				
			developed and				
			functional.				
			APSEZ has	APSEZ can			APSEZ is being imparting the regular in-house training
			been	undertake	APSEZ 8		awareness program in different mode i.e., classroom,
			imparting	technical	GSRDC*	Long Term	on-job training, virtual platform & Assessment by
			Driver	feasibility of			internal & external trainer to all drivers and employees
			Training	implementing			on below topics:
			Programs to	Intelligent			✓ Basic induction Training for drivers



S. env No. I ar imp the dev	entified evironmenta and social apacts for e fully eveloped enario ear 2030)	Type of Impact & Magnitud e1	Environment management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.	Additional Risk Mitigation Measures/ESMP	Responsible agency	Timeframe for implementation	Compliance
			all their contractors to enhance awareness on road safety.	Transport System (ITS) for the freight carriers associated with their development activities.			<ul> <li>✓ ITV Driver Training</li> <li>✓ ITV Driver Induction for Supervisor</li> <li>✓ Defensive Driving for LMV &amp; HMV</li> <li>✓ Defensive Driving &amp; BBS</li> <li>✓ Driver Assessment</li> <li>✓ Road accident &amp; rescue</li> <li>✓ Traffic Management &amp; Road Signage</li> <li>✓ Driving safety training</li> <li>✓ RORO Driver training</li> <li>✓ Road Safety</li> <li>✓ Defensive Driving &amp; Emergency Action Plan</li> <li>✓ Drivers Responsibilities &amp; Safe driving</li> <li>✓ Emergency Rescue (Vehicle) Training</li> <li>Approx. 915 Participants (On roll and contractual manpower) were benefitted from above trainings in compliance period Oct'24 to Mar'25. The same will be continued in future also.</li> <li>APSEZ has also implemented the Remote traffic management system (RTMS) to manage the traffic movements and capturing the violations to further improve the system.</li> <li>Following steps were taken by APSEZ to reduce the accidents.</li> <li>✓ Handling and escorting of the ODC to ensure the smooth movement on the roads.</li> </ul>



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							<ul> <li>✓ Traffic Awareness programs for the drivers and regular briefing of the drivers in the parking areas.</li> <li>✓ Incident handling and root cause analysis for taking necessary action in order to avoid such incidents.</li> <li>✓ BAC checks for the drivers in order to identify the intoxicated drivers and necessary action is being taken against them.</li> <li>✓ Water spray drive at gates are being conducted on regular basis during night hours to avoid doziness by the driver while driving.</li> <li>✓ RTMS devices are being installed at 08 critical locations in order to capture speed violations and enforcing road safety regulations.</li> <li>✓ Display of traffic signages and lane markings on road in coordination with the Civil team for ensuring road safety rules are being followed by the road users.</li> <li>✓ We have approx. 100+ cameras which are being utilized for monitoring of traffic movement through CCTV and timely response in order to avoid any congestion and during traffic incidents.</li> <li>✓ Regular traffic checks by Traffic Marshalls in order to ensure road safety rules (Wearing seat belt/Wearing helmet/Carrying driving license/Speed checks/Documents) is being followed by the drivers.</li> <li>✓ Installation of Road furniture's (Cones/Water filled barriers/Cats eye/Spring Posts/Jersey Barriers) for lane segregation, Channelizing the traffic, at</li> </ul>



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							Junctions and indicating Caution for the road users.  ✓ In case on any Vehicle found breakdown in main roads, we arrange the security crane / lifting machines to remove /relocated the vehicle. Which help for smooth passage to other vehicles.  ✓ Ensuring Drivers must wear near necessary PPEs, for that we have arranged a PPE's Stall at APMS parking area (issued on chargeable basis).  ✓ Night Patrolling and PA announcement by Traffic DSO to manage traffic condition.  ✓ Safety briefing via PA system at Security Gate.
3	Water resource	s Manageme	ent and sewage tr	eatment & disposal P	lan		
3.	For a fully developed APSEZ facility, water demand will be in the order of 4,30,000 m3/day (430 MLD). APSEZ will be sourcing majority of the water from the	No- Impact	APSEZ is meeting the current water demand through Narmada water supply scheme and 47 MLD captive desalination plant at site. Necessary water allocation	As per the master plan and permissions granted under EC, APSEZ will be developing progressively 4,50,000 m3/day (450 MLD) of desalination plants to meet the future demand. Hence stress on regional water resources due to	APSE Z	As and When Required	Presently there are two fresh water sources available with APSEZ.  Desalination Plant – 80 MLD (47 MLD-Existing + 33 MLD New) Gujarat Water Infrastructure Limited (GWIL) – 9 MLD (sanctioned capacity).  Current water demand for APSEZ along with SEZ industries including Adani Power Plant is an avg. of 31.89 MLD.  So presently, these sources are adequate to fulfill the current freshwater requirement of entire APSEZ including member units.



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	captive desalination plants, which will be developed in progressive manner.		from concerned authorities was obtained and the same will be renewed from time to time as per the directions of state government.	these developmental projects will be less significant.			The desalination plant of additional capacities will be installed on modular basis considering future requirement of APSEZ.
3.2	Existing water demand in the Mundra taluk is estimated as 8500 m3/day (@55 lpcd) and the potable and sanitation water needs would increase to	Level-2	Adani Foundation has been contributing to various watershed development projects in the Mundra region to enhance ground water resources in the area.	Adani Foundation is planning to implement the various water resource conservation programs in next ten years under various schemes.	APSEZ and CGWB*	Long Term	Water needs of APSEZ is being met through existing Desalination Plant of APSEZ and GWIL which may be further enhanced on modular basis. At present Ground water is not utilized for any activities within APSEZ.  However various works are being carried out by Adani Foundation continuously under Water Conservation Work to achieve water security in Mundra region by Adani Foundation. Following works are carried out as a part of water conservation work since April – 2018.  Water conservation Projects i.e. Roof Top Rainwater Harvesting, Desilting of Check dams, Bore Well Recharge and Pond deepening were taken up in past years, review and monitoring of all water harvesting structures had been taken up.



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37,000 m3/day (@125 lpcd) in future wher the area is fully growr into large municipality due to induced economic growth. Water demand of the loca communitie s is med through Narmada water supply system to some extent, but largely depending on the		Adani Foundation has contributed about Rs. 300 Lakhs so far for the development of 18 check dams.				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.  WORK COMPLETED:  Water Conservation Projects completed during FY 2024-25 Compliance period:  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.  Check Dam New/Renovation:  Structures: 29  Water Capacity Increase: 1,072,332 CUM  Beneficiaries: 30,870  Impact: Enhances water storage and irrigation.  Rainwater Harvesting Structures (RRWHS):  Structures: 330



S. Identified S. I and social impacts for the fully developed scenario (year 2030)	Type of Impact & Magnitud e1	Environment management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.	Additional Risk Mitigation Measures/ESMP	Responsible agency	Timeframe for implementation	Compliance
ground water in the study area. Mundra block is reported to be a safe ground block as on date. Due to influx of people and rapid urbanizatio n due to the economic developmen t, there could be some stress on the ground water resources in future.						<ul> <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:         <ul> <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> </ul> </li> <li>Construction of Percolation Wells:         <ul> <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> </ul> </li> <li>Construction of New Wells:         <ul> <li>Structures: 8</li> <li>Purpose: Drinking Water</li> <li>Beneficiaries: 9,600</li> <li>Impact: Provides reliable drinking water sources</li> </ul> </li> <li>Earlier Completed Activities/Projects:         <ul> <li>Large number of water harvesting structure (18 Nos. of check dams in coordination with salinity department)</li> </ul> </li> </ul>



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							<ul> <li>Ground recharge activities (pond deepening work for 66 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 has 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> <li>With the objective of to preserve the rainwater to reduce the impact of salinity and recharge the ground water (the main source of water) to facilitate the Agricultural activities as well as for drinking water.</li> </ul>



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							Adani foundation has spent approx. INR 10079.78 lakhs from April – 2018 to March - 2025 for CSR activities which also includes water conservation projects as mentioned above.
3. 3	It is estimated that about 60,000 m3/day (60 MLD) of sewage will be generated from the APSEZ facility when the project is fully developed.	No Impact	Seven sewage treatment plants with an aggregate capacity of 3.1 MLD have already built at APSEZ. Treated sewage is utilized for greenbelt development and sewage is not discharged into either seasonal natural streams or marine environment.	APSEZ is permitted to develop decentralized sewage treatment plants of total 62 MLD capacities. Existing sewage treatment facilities will be augmented progressively based on the development at APSEZ in future. Similar to existing practices, treated sewage will be utilized for greenbelt development.	APSEZ	As and When Required	Current installed capacity of wastewater treatment plants is 6.255 MLD (ETP, STPs & CETP) for treatment of effluent & sewage generated at various locations of APSEZ excluding wastewater treatment plants installed within induvial member units.  Out of 61 only 4 operational industries within the SEZ are sending their partially treated industrial as well as domestic effluent to the CETP confirming to CETP inlet norms for further treatment and final disposal. Other SEZ industries have their own STPs / ETPs for treatment of wastewater generated from their industrial operation and discharging the treated water on land for horticulture purpose within their premises as per specific permission granted by SPCB.  APSEZ also granted permission to treat 2.5 MLD of sewage generated from Mundra village through CETP and STP.  Presently avg. 2.61 MLD of wastewater (into ETP, STPs & CETP) is treated and being utilized on land for horticulture purpose within APSEZ premises during



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							Oct'24 to Mar'25. Existing wastewater treatment plants are adequate to treat and handle the total effluent / sewage load considering current development.
							Existing wastewater treatment facilities will be augmented, or new plants will be developed on modular basis considering future requirement.
4	Air quality man	agement Pla					
4. 1	Although all the regulated activities in the study area will be adopting promulgate d emission norms, total air emission mass discharge from the study area would increase.	Level-2	APSEZ and other thermal power plants have obtained valid consent to operate and have been operating the facilities as per the emission norms stipulated in respective consent orders.	All existing and new industrial establishments will obtain requisite consents from GPCB and adhere to the stipulated emission norms regulations and guidelines issued by authorities from time to time.	APSEZ And Other Industries	Continual Process	APSEZ has been granted requisite permissions from the concerned authorities with stipulated norms for air emission (flue gas as well as ambient air).  Ambient Air Quality monitoring is being carried out by NABL accredited and MoEF&CC authorized agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi for APL as per NAAQ standards, 2009. Stack emission monitoring is also being carried out on regular basis. Reports of the same are being submitted to the concerned authorities on regular basis.  Adani power plant has installed continuous emission and air quality monitoring instruments as per CPCB Directive and submitting the reports also. Another power plant of CGPL is outside APSEZ area.  The AAQM summary for last six months (Oct'24 to Mar'25) are as below.



S. No.	Identified environmenta I and social impacts for the fully developed scenario (year 2030)	Type of Impact & Magnitud e1	Environment management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.  APSEZ and other two	Additional Risk Mitigation Measures/ESMP	Responsible agency	Timeframe for implementation	Compliance  Locations: 1	8 Nos. (A	NPSEZ –	15 + AP	L – 3 inc	luding 4
			power plants				villages)	<b>T</b>	1 .			
			are monitoring				Frequency:					Perm.
			the ambient				Parameter	Unit	Min	Max	Average	Limit <sup>\$</sup>
			air quality on regular				PM <sub>10</sub>	µg/m³	42.0 0	85.91	70.96	100
			intervals as				PM <sub>2.5</sub>	µg/m³	14.61	42.39	27.52	60
			per GPCB/CPCB				SO <sub>2</sub>	µg/m³	7.15	34.01	19.13	80
			guidelines				NO <sub>2</sub>	µg/m³	9.83	38.46	23.04	80
			and the data is analyzed and presented to GPCB on monthly basis. Both the thermal power plants located within the study area have installed continuous emission and				Approx. INf environment 2024-25, when monitoring for their regular voluments of the environments of the en	tal monity hich also for overal tries local monity has been by APS isits.	Lakhs is toring a confirms of including the confirms of the confirmation of the confir	is spendactivities amb Mundra and they within the grante well as Scarries	by AP during bient air	SEZ for the FY quality  bbtained thorities ried out nises to ame has ing their regular



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			air quality monitoring instruments as per CPCB directive.				last visit was conducted during March, 2025 for EMS & compliance verification. During compliance verification, it was verified that monitoring of air emission was well within the permissible standards based on analysis reports. Same will be continued in future also.  The monitoring reports of industries within SEZ are also being submitted to the regulatory authorities as a part of half yearly Compliance report of EC for Multi-Product SEZ.
				A common air quality management committee may be framed under the guidance of the State Pollution Control Board and district administration to manage regional level emission inventory data that can help to manage regional level air	APSEZ and Other Industries, Stakeholders, District Administratio n and GPCB*	Long Term And Continual	<ul> <li>APSEZ will co-operate and comply with the directions from concerned regulatory authorities for air quality management within APSEZ area. However, at present, APSEZ has formed Internal Environment Monitoring Committee, involving officials from APSEZ, Adani Power Limited and other SEZ member units with following role and responsibilities:         <ul> <li>Identification of sources of air &amp; noise emission and its dispersion in surrounding villages</li> <li>Remedial measures to eliminate, control, reduce or capture air &amp; noise emission.</li> <li>Identify available resource to abate the air and noise emission.</li> <li>Required additional resources for control of air and noise emission.</li> <li>Drinking water and its testing of all the available fresh water sources in surrounding villages</li> </ul> </li> </ul>



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				quality management goals.			<ul> <li>Identify any surrounding villages affected by organization's improper waste disposal mechanism.</li> <li>Last committee meeting was conducted on dated 16.05.2025 and below was the point of discussion for way forward.</li> <li>Brief introduction about the Environment Management Plan (EMP)</li> <li>All members conveyed his environment management practices, issue &amp; suggestions.</li> <li>Discussed about the various ways to improve existing practice to control the emission in terms of Air, Water and Noise.</li> <li>Discussed about the proper management of the canteen waste.</li> <li>Discussed about the cleaning of outside of the SEZ units.</li> <li>Discussed about the management of rain water &amp; proper cleaning of the common storm water drainage system.</li> <li>Discussed about proper segregation &amp; disposal of solid waste material.</li> <li>Discussed about to increase more green belt area inside plant premises of SEZ units.</li> <li>APSEZ and all the industries within SEZ are complying to NAAQS and same is being ensured by APSEZ. The</li> </ul>



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							monitoring reports of industries within SEZ are being submitted to the regulatory authorities as part of half yearly Compliance report of EC for Multi-Product SEZ.
4. 2	Release of particulate emissions from handling and storage of coal at the port and power plants would influence PM10 and PM2.5 concentrati on in the background air. This could pose some health impacts such as asthma and COPD etc. among the	Health Impact	APSEZ has been implementin g the following management plan to control emissions as per the applicable regulations and similar practices will be adopted in future: Entire bulk material handling facilities are mechanized. Regular water sprinkling on road and	All industries located in the APSEZ shall adhere to the emissions norms and minimum stack height guidelines issued by CPCB and consent to operate issued by Gujarat Pollution Control Board from time to time.	APSEZ and Other Industries	Continual Process	Following safeguard measures are taken by APSEZ for abatement of dust emissions.  Adequate stack heights to the Boilers, D.G. Sets, TFHs & HWGs for proper dispersion of pollutants within APSEZ  Using of liquid & Gaseous fuels instead of solid fuels in Boilers, Thermic fluid heaters and hot water generators.  Regular sprinkling on road and other open area  Regular cleaning of roads  Dry fog Dust Suppression System (DSS) in hopper, transfer towers and conveyor belts  Use of water mist canon  Closed type conveyor belts  Regular sprinkling on coal heaps  Covering other types of dry bulk cargo heaps  Installation of wind breaking wall  Development of greenbelt along the periphery of the storage yards/back up area  Mechanized handling system for coal and other dry bulk cargo  Wagon loading and truck loading through closed silo



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	local communitie s.		other open areas, regular cleaning of roads, dry fog dust suppression systems (DSS) in hoppers, transfer towers and conveyor belts, use of water mist canon, covered conveyor belts, regular sprinkling on coal heaps,				Optimized the weigh bridge location to reduce the movement of trucks.  Adequate air pollution control measures like ESPs FGDs, Bag Filters, etc. and adequate stack heights provisions are implemented within the thermal power plant.  For reduction of emission from DG stacks, Retrofitting Emission Control Device (RECD) has been installed on 06 nos. of DG sets to reduce the particulate material from DG stacks. Photographs of RECD attached as Annexure – 9.  The stack monitoring summary for last six months (Oct'24 to Mar'25) are as below.  Total Nos. of Stacks: 23 Nos.  Frequency: Monthly / Half Yearly  Parameter Unit GPCB Min Max Avrg.  Limit PM mg/ Nm³ 150 18.86 32.11 22.41  SO2 Ppm 100 6.15 18.75 9.28  NOx DDM 50 18.79 35.19 23.45
							NO <sub>x</sub> ppm 50 18.79 35.19 23.45  Values recorded confirms to the stipulated standards  Approx. INR 17.27 Lakhs is spent by APSEZ for environmental monitoring activities during the FY



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							2024-25, which also includes ambient air quality monitoring for overall APSEZ, Mundra.  All other industries located within SEZ are adhere to provide adequate stack height and pollution control measures for proper dispersion of pollutants as per respective permissions granted by the board. The same is being inspected and ensured by APSEZ as well as SPCB officials on regular basis.
			covering of other types of dry bulk cargo heaps by protective materials, installation of wind breaking wall, development of greenbelt along the periphery of the storage yards/back up area and mechanized	An internal Coal Dust Management Working Group shall be formed by APSEZ to effectively coordinate the approach to coal dust management and monitoring	APSEZ and Other Industries, Concerned Stake holders, District Administratio n*	Long Term	As mentioned above, earlier APSEZ has formed Internal Environment Monitoring Committee, involving Officials of APSEZ, Adani Power Limited & other member units, with specific role and responsibilities as defined above.  The dry cargo is being handled by mechanized system and transported by covered conveyer system, trucks and rail wagons.  Wind breaking wall is provided around the coal storage yards of APSEZ as well as Adani Power Plant.  Adequate air pollution control measures like ESPs, FGDs, Bag Filters, etc. and adequate stack heights provisions within the thermal power plant for proper dispersion of pollutants.  Green belt / plantation is provided around the periphery of dry cargo storage area and regular water sprinkling is also being done to abate the dust emission



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			handling system for coal and other dry bulk cargo and Wagon loading and truck loading through closed silo. Both thermal power plants in the study area have installed electrostatic precipitators on the boilers and are meeting the emission norms as per the respective ECs granted. Due to installation of tall stacks				from coal hips.  Last committee meeting was conducted on dated 16.05.2025 and below were the points of discussion for way forward.  Brief introduction about the Environment Management Plan (EMP)  All members conveyed his environment management practices, issue & suggestions.  Discussed about the various ways to improve existing practice to control the emission in terms of Air, Water and Noise.  Discussed about the proper management of the canteen waste.  Discussed about the cleaning of outside of the SEZ units.  Discussed about the management of rain water & proper cleaning of the common storm water drainage system.  Discussed about proper segregation & disposal of solid waste material.  Discussed about to increase more green belt area inside plant premises of SEZ units.  Discussed about disposal of minor qty. of generated hazardous waste & E-Waste materials at authorized recycler/vendor.



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			as per CPCB guidelines and EC conditions, the relative air pollution impacts due to release of emissions from two power plants is insignificant.				
4.	Ships are one of the significant sources of SO2 and NOX emissions in the study area. Marine diesel engines on the ships often utilize fuel oils that might	Level-2	A Standard Operating Procedure (SOP) has been developed to be included as a part of APSEZ environment management	The current global limit for Sulphur content of ships fuel oil is 3.5 % m/m (mass by mass). According to MARPOL, the new global cap on sulphur in the marine vessel fuels will be 0.50% m/m by the 1st January	APSEZ and Ship Owners	Long Term	The ships coming to the APSEZ is complying with MARPOL and other shipping rules and regulations.  APSEZ has already started providing shore power supply to the tugs (11 Nos.), dredgers (2 Nos.) and barges (1 No.). The feasibility of shore power will be explored and implemented on large scale for the visiting vessels to reduce idling stage ship emissions.



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	contain higher sulphur content. As per the internationa I best practices, these marine diesel engines are designed to meet MARPOL regulations with NOX emissions less than 14.4 gram/Kwhr of engine. Due to lower stack heights of the marine diesel engine, ship		plan to verify that all ships anchored at the port are adopting the MARPOL4 regulations.	2025.  APSEZ should explore the possibility of providing shore power to the ships at the port to reduce idling stage ship emissions.			



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	emissions often gets dispersed in the local environmen t and might pose risk of fumigation during the early morning and evening hours due to atmospheric inversion break-up periods.						
4. 4	Road vehicle emissions will be other major contributors to the air	Level-2	Not Applicable	Due to implementation of Bharat VI fuels (MoEF&CC) in near future the vehicular and diesel engine emissions will be reduced by about 50% from the current national	APSEZ and All Industries	Short Term	Presently, cargo evacuation through rail / conveyer / pipeline is ~40.79 % of overall cargo evacuation.  Vehicles having valid PUC certificate are only being allowed to enter within the APSEZ area.  APSEZ, has procured 217 nos. of Electrical Vehicle for internal cargo movement and all E-ITV's are in operation.  As well as procured 10 nos. LMV E-Vehicles for



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	pollution in the region when the facility is fully developed.			levels. APSEZ should develop a robust contractor environmental policy to ensure that Bharat Stage VI emission norms are adopted by all their contractors and sub-contractors.			manpower movement and all are in operation.  Electrification of Rail Corridor from Dhrub Railway Station to Adipur Railway Station has completed and movement started by electric locomotive. It will leads to reduce the gaseous emission and increase efficiency of transportation by rail.
5	Noise emissions						
5. 1	Noise emissions are envisaged from port operations, industrial operations and power plants in the study area.	Level-1	Due to adoption of various mechanized operations at the waterfront development , the noise emissions from the port cargo handling will	APSEZ, all the tenant industries and facilities within APSEZ are required to undertake noise monitoring at their facilities to demonstrate the compliance with the Noise level standards.  Continuous noise	APSEZ	Continual Process	<ul> <li>Below Safeguard measures are already taken for abatement of noise emissions.</li> <li>Development of greenbelt along the periphery of the operational area.</li> <li>D.G. Sets having Acoustic enclosures.</li> <li>Maintenance of plant machineries and equipment's on regular frequency.</li> <li>Noise monitoring is being carried out by NABL accredited and MoEF&amp;CC authorized agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi as per permission granted and reports are being submitted to the concerned authorities on regular</li> </ul>



Environment management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.	Additional Risk Mitigation Measures/ESMP	Responsible agency	Timeframe for implementation	Complianc	e				
be minimal. An adequate greenbelt is being developed by APSEZ to further reduce any residual impacts due to noise emissions from the facility. Periodic noise level monitoring programs were adopted by APSEZ. Predicted noise levels were found to be well within the	recording units can be installed by APSEZ at facility boundary to address the community grievances, when ever required. To assess the overall site wide compliance and also to address any community grievances related to noise issues due to operation of APSEZ facilities.			Noise  Day Time Night Time  Approx. If environme 2024-25, monitoring All the resit can be surroundir	Mar'25) a  18 Nos. : Once in  Unit  dB(A)  NR 17.27  ntal more which a gror over ults are we inferred a communications and ustries	a month (  Leq Min  69.30  66.40  Lakhs initoring also included in	24 hour Leq Maxn 47.90 38.70 s as p s spent activities des amb Mundra the star ere no	y) Leq Avr. 63.36 59.61 er GPCB by Af during pient ai . ndards. fi impacts	Leq Perm. Limit <sup>\$</sup> 75 70 standards PSEZ for the FY r quality From this on the
	plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.  be minimal. An adequate greenbelt is being developed by APSEZ to further reduce any residual impacts due to noise emissions from the facility. Periodic noise level monitoring programs were adopted by APSEZ. Predicted noise levels were found to be well	management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.  be minimal. An adequate greenbelt is being developed by APSEZ to further reduce any residual impacts due to noise emissions from the facility. Periodic noise level monitoring programs were adopted by APSEZ. Predicted noise levels were found to be well within the designated	management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.  be minimal. An adequate greenbelt is being developed by APSEZ to further reduce any residual impacts due to noise emissions from the facility. Periodic noise level monitoring programs were adopted by APSEZ. Predicted noise levels were found to be well within the designated	management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.  be minimal. An adequate greenbelt is being developed by APSEZ to facility boundary developed by APSEZ to further reduce any residual impacts due to noise emissions from the facility. Periodic noise level monitoring programs were adopted by APSEZ. Predicted noise levels were found to be well within the designated	management plans adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.  be minimal. An adequate greenbelt is being developed by APSEZ at facility boundary to address the APSEZ to furner grievances, when reduce any residual over reduce any residual to noise emissions from the facility. Periodic noise level monitoring programs were adopted by APSEZ. Predicted noise levels were found to be well within the designated	management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.  be minimal. An adequate greenbelt is being facility boundary developed by APSEZ to furner reduce any residual impacts due to noise emissions from the facility. Periodic noise level monitoring programs were adopted by APSEZ. Predicted noise levels were found to be well within the designated	management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.  be minimal. An adequate greenbelt is being developed by APSEZ to further reduce any residual impacts due to noise emissions from the facility. Periodic noise level monitoring programs were adopted by APSEZ. Predicted noise level moise level moise level moise levels were found to be well within the designated monitoring to the designated monitoring adopted by APSEZ. Predicted noise levels were found to be well within the designated monitoring and control the amonitoring and control the amoni	management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.  be minimal. An adequate greenbelt is being facility boundary developed by APSEZ at facility boundary developed by APSEZ to community further grievances, when reduce any residual impacts due to noise emissions from the facility. Periodic noise level monitoring community grievances were adopted by APSEZ. Predicted noise levels were found to be well within the designated	management plans adopted or being adopted by APSEZ at greenbelt is being facility boundary developed by APSEZ to further reduce any residual impacts due to noise emissions from the facility grievances any community grievances from the monitoring programs were adopted by APSEZ held foliations and suddress any community grievances and process and to be installed to noise indicate the control of the process of the process of the control of the process of



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			standards for Industrial facilities.	In order to address the public grievances related to noise from the facility, an internal Noise Management Committee can be formed by APSEZ to investigate the root cause and to develop and implement noise mitigation plans in the specific zones.	APSEZ	Continual Process	confirmed by APSEZ as well as SPCB on regular basis.  Further, till date APSEZ has not received any grievances/notice for noise issues from any of the stakeholders.  As mentioned above, earlier APSEZ has formed Internal Environment Monitoring Committee, involving Officials of APSEZ, Adani Power Limited & other member units, having role and responsibilities as defined above.  Last committee meeting was conducted on dated 16.05.2025 and below were the point of discussion for way forward.  Brief introduction about the Environment Management Plan (EMP)  All members conveyed his environment management practices, issue & suggestions.  Discussed about the various ways to improve existing practice to control the emission in terms of Air, Water and Noise.  Discussed about the proper management of the canteen waste.  Discussed about the cleaning of outside of the SEZ units.  Discussed about the management of rain water & proper cleaning of the common storm water drainage system.



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							<ul> <li>Discussed about proper segregation &amp; disposal of solid waste material.</li> <li>Discussed about to increase more green belt area inside plant premises of SEZ units.</li> <li>Discussed about disposal of minor qty. of generated hazardous waste &amp; E-Waste materials at authorized recycler/vendor.</li> <li>No grievance received for noise related issues, and it is observed that ambient noise level are well within the permissible standards.</li> </ul>
6	Surface water	l Quality (Tecc	 estrial and Marine	<u> </u>			permissible standards.
6. 1	In general, release of untreated wastewater from industrial facilities would pose threat to water quality of streams,	Level -1	As per the master plan of APSEZ, 67 MLD of wastewater is expected to be generated from the fully developed project scenario, for which	As per the master plan of APSEZ, the existing CETP shall be augmented to 67 MLD in progressive manner based on the future demand. The facility should limit the marine discharge of	APSEZ	As and When Required	APSEZ has installed Common Effluent Treatment Plant (CETP) having 2.5 MLD capacities for treatment of partially treated effluent and sewage generated from industries within SEZ.  Currently, CETP receives 902.45 KLD (Avg.) during this compliance period hydraulic load and considering the current development scenario, existing CETP is adequate to treat and handle the total effluent load coming from industries within SEZ.  Out of 61 operational units only 4 industries within SEZ are sending their partially treated industrial as well as
	estuaries and marine water		necessary permissions to set up	treated industrial wastewater to 16 MLD as per the			domestic effluent to the CETP confirming CETP inlet norms for further treatment and final disposal. Other industries within SEZ have their own STPs / ETPs for



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	bodies.		decentralize d CETPs of various capacities are already obtained. Presently a CETP capacity of 2.5 MLD is in place. Presently member units treat their effluents to meet the CETP inlet norms and then send it to CETP. Treated wastewater from CETP meets the stipulated discharge norms for	permits. Remaining treated wastewater shall be utilized for horticulture purpose.			treatment of wastewater generated from their industrial operation and discharging the treated water on land for horticulture purpose within their premises as per permission granted by SPCB.  The capacities of CETP will be enhanced on modular basis as per future requirement.  Presently avg. 2.61 MLD (from CETP, ETP & STPs) of treated water is being utilized on land for horticulture purpose within APSEZ premises during period Oct'24 to Mar'25 and no discharge is made to any other source.



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			utilization for greenbelt development within the APSEZ areas. Online wastewater quality monitoring systems are	Efforts shall be made to recycle complete treated wastewater for port operations	APSEZ	Based on outcome Techno- feasibility Study	Online continuous effluent monitoring system (CEQMS) installed at the discharge point of CETP to track any deviation from discharge norms. CEQMS is connected with CPCB/GPCB server & data is continuous transferring in both servers.
			installed at CETP to ensure quality of treated effluent meets the requisite discharge norms. No wastewater from CETP is discharged into natural bodies as on	and industrial operations of APSEZ in future based on a detailed technoeconomic feasibility study.			Presently entire quantity of treated water from CETP is used for gardening / horticulture purpose within APSEZ premises.
			date Runoff during	Storm water runoff from the			There are provision of drains around coal stack yard to carry to runoff water to dump ponds. This water is



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			monsoon from coal storage yards is collected in sedimentatio n ponds (dump pond) to remove any residual dust particulates for further disposal into	facility during the first rain shall be sampled and analyzed for the presence of heavy metals or other criteria pollutants to adopt corrective and preventive actions to protect the marine water quality.  All red and	APSEZ	Continual	either used for dust suppression or after sedimentati (to remove residual dust), is allowed disposal to sea.  Presently Marine monitoring is being carried out on in a month by NABL and MoEF&CC accredited agen namely M/s. Unistar Environment and Research LaPvt. Ltd., Vapi for APSEZ & APL both. The analy reports of the same are being submitted to to concerned authorities on regular basis.  The marine water quality monitoring summary for last months (Oct'24 to Mar'25) is as per below.  Locations: 14 Nos. (APSEZ – 9 + APL – 5)					sea.  It once agency th Labs nalysis to the		
				hazard category industry within APSEZ shall			Frequency: Once in a Month / Half Yearly  TEST PARAM UNIT Cumulative Surface Cumulative Bott ETERS							
				adopt spill					Min	Ma x	Aver age	Min	Ma x	Aver age
				prevention and control program			рН		7.91	8.3 0	8.16	7.74	8.3 0	8.11
				and no effluents shall be discharged into			BOD	mg/L	2.20	4.4 0	3.13	BDL (MD L:1. 0)	4.5 0	3.04
				storm water- drains.			TSS	mg/L	26.90	144 .00	90.1 2	32.9 0	132 .00	84.6 4
							DO	mg/L	4.50	6.6 9	5.62	4.4 0	6.4 9	5.42



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							Salinity	ppt	35.20	39. 20	36.4 6	26.7 6	39. 40	36.9 1
							TDS	mg/L	34410	365 50	358 58	353 70	376 10	3687 3
							Temper ature	οС	29.00	30. 70	29.9 0	28. 90	30. 60	29.71
			Detailed	Good dredging			Approx. environm 2024-25 monitori No capit	nental , whic ng for d	monitor h also overall A	ing a includ PSEZ,	ctivition des ar Mund	es du nbient ra.	ring t air	the FY quality
			marine hydrodynami c modelling studies revealed that the current and proposed	practices shall be adopted by APSEZ: (i).Improving the dredging accuracy (ii).Improving onboard	APSEZ	Long Term	Capital d 1 (A) are Mar'25. carried d Mar'25.	4. redging ea duri Total 1	g or recl ing the .55 MC	amati comp JM Ca	on is c liance apital (	arried perio dredgii	out ir d Ocl	n CRZ – t'24 to s been
			dredged soil disposal practices, sea water intake and outfall facilities and desalination	automation and monitoring, (iii). Reduce spill and loss, (iv). evaluating the need for installing silt screens near			Dredged dredging within de Dredging dredging Presently Trailer s dredging	is be eep sea Mana and there suction	ing disp as iden gement manag are 3 no	oosed tified plan is emen s. (2 N	at de by NIC adopt t of los. Cu	signat ). :ed for dredg tter su	ed loo carry je m iction	ing out aterial. +1 No.



shown insignificant impact on the marine eco-system. As part of the comprehensi ve environment all monitoring will be focused near ecological sensiti	S. Identified environments No. I and social impacts for the fully developed scenario (year 2030)	Type of Impact & Magnitud e1	Environment management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.	Additional Risk Mitigation Measures/ESMP	Responsible agency	Timeframe for implementation	Compliance
7 Groundwater quality and salinity ingress	7 Groundwater	quality and sa	etc have shown insignificant impact on the marine eco-system. As part of the comprehensi ve environment al monitoring program, APSEZ has been adopting marine water and sediment quality monitoring on monthly basis.	during the dredging phase operations, (v). Environment friendly dredging activities can be undertaken in such a way that the overall turbidity levels near the mangrove and ecologically sensitive zones shall not exceed 100 NTU or 200 mg/l of TSS (10% lethal level of fish) Existing marine monitoring program shall be continued as per the directions of MoEF&CC and			The same practice will be continued in future also as per direction by MoEF&CC as well as GPCB.  Monitoring will be focused near ecological sensitive area in case of need to carryout capital dragging near



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7.	While Mundra block is enjoying safe ground water status as on date (based on the data published by CGWB), due to induced economic and population growth, use of ground water resources by the local people might increase in Mundra region. This might increase the	Level-2	APSEZ is not utilizing ground water for any type of use. APSEZ is meeting the current water demand through Narmada water supply scheme and 47 MLD captive desalination plant at site.	A dedicated desalination plant of capacity 4,50,000 m3/day (450 MLD) will be developed in progressive manner to meet the APSEZ requirements.	APSEZ	As and When Required	Present source of water for various project activities is desalination plant of APSEZ and/or through Gujarat Water Infrastructure Limited (GWIL) and same is sufficient to meet the present water demand.  APSEZ does not draw any ground water.  "Desalination plant of 47 MLD capacities already developed as part of earlier clearances granted in 2009. Additional development of 33 MLD capacity Desalination plant has been developed.  At present total 80 MLD (47 MLD – Existing + 33 MLD – New) desalination plant developed under WFDP west port (GPCB ID – 35427) with utilization of existing intake and outfall channel (up to 300 MLD capacities) and CC&A Amendment for the same granted by GPCB board CC&A Amendment order copy for the same is attached as <b>Annexure – 18</b> .  Additional development of 80 MLD desalination plant is under progress through Mundra Petrochemical Ltd. (Subsidiary company of Adani Group). Separate Consent to Establish from GPCB has been obtained by them vide Order no. CTE-77914 dated 09.12.2024. Copy of the same is attached as <b>Annexure – 19</b> .



S. No.	Identified environmenta I and social impacts for the fully developed scenario (year 2030)	Type of Impact & Magnitud e1	Environment management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.	Additional Risk Mitigation Measures/ESMP	Responsible agency	Timeframe for implementation	Compliance
	TDS and chloride levels in the ground water in future.						Balance 287 MLD capacity desalination plant will be developed on a modular basis as per business requirement.
7. 2	Due to induced growth in the region, pressure on the available ground water source would increase and this could pose some threat to salinity ingress.	Level-2	Ground water is not drawn by APSEZ for its operations. Natural streams (seasonal rivers) passing through the APSEZ area will not be disturbed, the micro- watershed in the area will not be disturbed. Due to the above reasons, the	The Govt. of Gujarat, Narmada, Water Resources, Water Supply & Kalpsar Dept.,(WRD)12 has been implementing various salinity ingress prevention projects	District Administratio n*	Long Term	APSEZ will co-operate and comply with the directions from concerned regulatory authorities.  APSEZ does not draw any ground water for the fresh water requirement.  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 Rainwater Harvesting, Desilting of Check dams, Bore Well Recharge and Pond deepening were taken up in past years, review and monitoring of all water harvesting structures had been taken up.  To make connections between human actions and the level of biological diversity found within a habitat and/or ecosystem, this year Adani Foundation launch project "Sanrakshan" in coordination with GUIDE and Sahjeevan.  Since, 10 years considerable Water Conservation Work carried out in Mundra Taluka. Due to satisfactory rain



S. environmenta No. I and social impacts for the fully developed scenario (year 2030)	Impact & mai plai e1 or t ado APS per clea app reg	vironment inagement ins adopted being opted by SEZ as per rmits, earances, plicable gulations d guidelines	Additional Risk Mitigation Measures/ESMP	Responsible agency	Timeframe for implementation	Compliance
	po sal ing to de is en Mu An fal fre to sal zoi be tha val ob the val ob the val ob	possibility of allinity gress due of APSEZ evelopment not envisaged. Under esh water of medium allinity enes. It can be observed ent little eriation was observed in				in current year 1.11 mtr ground water table increased as per increased in coastal belt of Mundra as per Government Figures.  WORK COMPLETED:  Water Conservation Projects completed during last Compliance period:  Water Conservation Projects completed during FY 2024-25 Compliance period:  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.  Check Dam New/Renovation:  Structures: 29  Water Capacity Increase: 1,072,332 CUM  Beneficiaries: 30,870  Impact: Enhances water storage and irrigation.  Rainwater Harvesting Structures (RRWHS):  Structures: 330  Water Capacity Increase: 3,300,000 CUM  Beneficiaries: 1,650  Impact: Maximizes rainwater capture and usage. Rs. 10950 yearly saved/house  Pond Deepening:  Structures: 135



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			that the overall salinity ingress from the shore into the land due to existing APSEZ facilities and power plant outfalls are less significant.				<ul> <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:         <ul> <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> </ul> </li> <li>Construction of New Wells:         <ul> <li>Structures: 8</li> <li>Purpose: Drinking Water</li> <li>Beneficiaries: 9,600</li> <li>Impact: Provides reliable drinking water sources</li> </ul> </li> <li>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 check dams.</li> <li>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> </ul> </li> </ul>



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							<ul> <li>Roof Top Rainwater Harvesting 145 Nos. (40 Nos. current FY 2022-23) which has 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> <li>With the objective of to preserve the rainwater to reduce the impact of salinity and recharge the ground water (the main source of water) to facilitate the Agricultural activities as well as for drinking water.</li> <li>Narmada Water Resources, Water Supply &amp; Kalpsar Dept., (WRD)1 has been implementing various salinity</li> </ul>



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				While the individual industries in the study area will continue to undertake ground water quality monitoring as per the	All Concerned Stakeholders, District Administratio n and CGWB*	Continual Process	ingress prever canal project, implement about the project is Under this pro 180 villages w This will sign ground water of APSEZ (9 Locations – sampling and of to the regulated The summary monitoring for as below. Nos. of Location	Govt.  at var  ject ab  vill be b  ificantly  esource  ations –  quarte  reports  ory auth	of Gujar O Km stret ious stage out 112,00 renefitted or reduce es in the re half yearl rly) is carry of the sam orities on	at has perchafted the pression.  y) & Adani ying out gree are being regular baseon.	roposed to er canal and ementation. In about of the contract on the Power Ltd. Tound water g submitted sis.
				environmental			Parameters	Unit	Min	Max	Average
				clearances			рН @ 25°C		7.13	8.41	7.83
				issued for the			Salinity	ppt	0.90	17.64	3.98
				respective			Oil & Grease	mg/L	BDL(MD L:2.0)	BDL(MD L:2.0)	BDL(MDL: 2.0)
				projects, a regional level ground water			Hydrocarbon	mg/L	Not Detecte d	Not Detecte d	Not Detected
				conservation			Lead as Pb	mg/L	0.01	0.02	0.02



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				action			Arsenic as As	mg/L	BDL(MD L:0.01)	BDL(MD L:0.01)	BDL(MDL: 0.01)
				committee can be formed under			Nickel as Ni	mg/L	0.09	0.15	0.10
				the guidance of state ground			Total Chromium as Cr	mg/L	Not Detecte d	Not Detecte d	Not Detected
				water board and district			Cadmium as Cd	mg/L	0.03	0.88	0.15
				Administration.			Mercury as Hg	mg/L	BDL(MD L:0.001)	BDL(MD L:0.001)	BDL(MDL: 0.001)
							Zinc as Zn	mg/L	0.06	0.11	0.09
							Copper as Cu	mg/L	0.08	0.11	0.09
							Iron as Fe	mg/L	0.12	0.61	0.26
							Insecticides/ Pesticides	μg/L	Absent	Absent	Absent
							Depth of Water Level from Ground Level	mete r	1.95	2.25	2.11
											Detection Limit Detection Limit
							Approx. INR environmental 2024-25, whic monitoring for	monit ch alsc	oring acti includes	vities duri ambient	ng the FY
							The freshwater SEZ is being sa are encouraged the permission	tisfied I	through AF nitor grour	SEZ. All th nd water qu	e industries Jality as per



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							As mentioned above, presently, APSEZ has formed Internal Environment Monitoring Committee, involving Officials of APSEZ, Adani Power Limited and other member units, having role and responsibilities as defined above.  APSEZ will co-operate and comply with the directions from concerned regulatory authorities for ground water management.
8	Waste Manager	ment	1	l	I		
8. 1	Solid waste will be generated from industrial activities of APSEZ and other permitted facilities in the study area including Mundra town. These wastes would contain	Level-2	APSEZ has been adopting Zero waste Initiatives and the entire waste generated from existing operations is segregated and disposed to recycling vendors, thereby APSEZ has achieved zero landfill	APSEZ will continue to adopt Zero Waste Initiative and wastes will be segregated at source and disposed to various recycling vendors, coprocessing in cement plants. This initiative helps not only to reduce the waste to landfill significantly, but also to recycle	APSEZ	Continual Process	Presently APSEZ has implemented Zero waste Initiatives as per 5R (Reduce, Reuse, Recycle, Recover & Reprocess) principles of waste management. At present, APSEZ has developed material recovery facility for 6.0 TPD capacities. 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, Glass etc. are then sent to respective recycling units, whereas remaining non-recyclable waste is bailed and sent to cement plants for Co-processing as RDF (Refused Derived Fuel). The



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	recyclable material, constructio n debris, organic waste, inert material and e-waste etc. In the absence of any organized source segregation programs and material recycling strategies and infrastructu re facilities, these wastes will enter into environmen t and would pose long term health		status as on date.	the materials there by avoiding ecological impacts.			same practice will be continued in future also. APSEZ has also been recognized for Zero Waste to Landfill certification from reputed organization.  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 certificate is attached as Annexure – 20.  APSEZ is being done proper solid waste management in his operational area with 5R principle as per Waste Management Plan.



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	:		etc.				
8.2	Considering an average solid waste generation of 0.25 Kg/person/d ay, the estimated solid waste from facilities within APSEZ will be in the order of 100 TPD (36,500 TPA).	Level-2	APSEZ has made a provision for central waste management facilities within the existing site based on the future needs. As part of the Zero Waste Initiatives, no landfill facilities will be installed at APSEZ.	The existing waste segregation and material recycling facilities will be augmented to dispose safely the wastes generated from APSEZ areas. Solid Waste Management Program shall be adopted and implemented as per Municipal Solid Waste Management Rules 2016 and Construction Waste Management Rules 2016	APSEZ	Continual Process	Industries located within the SEZ area are also complying with the waste management rules stipulated by statutory authorities and same is also being confirmed by APSEZ as well SPCB on regular basis.
8.3	About 35 TPD (13,000	Level-2	As per the MSW Rules	Solid Waste Management Program shall be	All Industries	Continual	



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	TPA) of solid waste would be generated from the proposed industrial areas located outside the APSEZ area.		2016 all the industrial facilities and SEZs are required to adopt waste segregation facilities at the respective properties and non-recyclable waste shall be disposed to landfill sites.	adopted and implemented as per Municipal Solid Waste Management Rules 2016 and Construction Waste Management Rules 2016		Process	
9	Ecological aspe	cts (terresti	rial and marine)				
9.	About 1576 ha of shrub forest land contiguous	Level -1	It is noted that the designated forest land is free from any native	APSEZ has approached concerned authorities for diversion of designated forest land. Suitable	APSEZ/State Forest	Long Term	Stage – 1 Forest clearance granted for diversion of 1576.81 Ha Forest land. Compliance of stage-1 forest clearance is process. After getting EC & CRZ Clearance, Stage-2 Forest clearance will be obtained.  APSEZ has applied for getting EC & CRZ clearance for SEZ / Industrial Park in 1576.81 Ha Forest land.



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1	to APSEZ area is applied for land diversion for various developmen tal activities. This might have certain level of changes in the biodiversity in the study area.		vegetation and comprises of Prosopis juliflora. It is also noted that no endangered species are present at the shrub forests that are applied for land diversion. It is also noted that no forest produce is reported from this designated forest land parcel due to lack of economic importance	compensatory afforestation plan shall be adopted based on the recommendation s and directions of the concerned authorities. Due to adoption of compensatory afforestation program through a scientific manner, the overall ecological footprint in the district will be increased. Due to plantation of native tree species as part of greenbelt development, the overall biodiversity of the region will increase	Department*		ToR accorded by MoEF&CC on 30.11.2021 and draft EIA is being carried out through NABET accredited consultant.  Recently, Public Hearing (PH) has been conducted by RO-GPCB, Gandidham dated 27.03.2025. PH proceeding submitted to MoEF&CC, Delhi on 16.04.2025.



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			regulations and guidelines				
			etc.  of plant species reported in the shrub forest. It is also noted that no tribal lands are located in the designated forest land parcel. Hence there will not be any change in biodiversity due to the proposed diversion.	considerably when the project is fully developed.			
9. 2	Mangrove conservatio n areas are located	Level -1	No development activities will be undertaken within	Mangrove footprint and health status	APSEZ	Continual Process	As per study conducted by NCSCM in 2017, mangrove cover in and around APSEZ, Mundra has increased from 2094 Ha to 2340 ha (as compared between 2011 to 2017). The analysis has shown an overall growth of 246 ha. The cost for said study was INR 3.15 Cr.



S. envi No. I and impa the deve scer	ntified vironmenta nd social pacts for fully veloped enario ar 2030)	Type of Impact & Magnitud e1	Environment management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.	Additional Risk Mitigation Measures/ESMP	Responsible agency	Timeframe for implementation	Compliance
the are Acc disc of efficient ma envelopes	scidental scharges industrial fluents to the arine vironmen would se certain ological		mangrove conservation areas. APSEZ has taken up large scale mangrove afforestation activities in an area of more than 2800 ha at various locations across the coast of Gujarat state in consultation with various organization s The Adani Foundation introduced 'Mangrove Nursery Developmen	shall be monitored annually			<ol> <li>NCSCM (MoEF&amp;CC promoted Government Agency) study on comprehensive and integrated plan for preservation and conservation of mangroves and associated creeks in and around APSEZ in year 2016-17. The cost of said study was 3.15 Cr, which was incurred by APSEZ.</li> <li>As a part of mangrove conservation plan, APSEZ has done following activities.</li> <li>Monitoring of mangrove distribution in creeks in and around APSEZ and shoreline changes in Bocha island through NCSCM, Chennai. The cost of the said study was INR 23.56 Lacs incurred by APSEZ.</li> <li>Tidal observation in creeks in and around APSEZ – The cost of the said activity was INR 1.0 Lacs incurred by APSEZ.</li> <li>Algal &amp; Prosopis removal from Mangrove area - The cost of the said activity was Rs. 150000 during FY 2024-25. The algal removal report is attached as Annexure – 1.</li> <li>Awareness of mangroves importance in surrounding communities &amp; Fodder support - The expenditure for fodder supporting activities was approx. 410.48 Lacs during FY 2024-25, which was incurred by APSEZ. This is activity is being done on continuous basis as a part of CSR activity.</li> </ol>



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			t and				Summary of	f Conservatio	n of mangro	ves:	
			Plantation' scheme in the area as				Mangrove mapping Year	Monitoring Agency	Mangrove cover total Area (Ha.)		ove cover ncreased
			an alternative				, 55.			Hac.	%
			income				2011		2094	-	-
			generating activity for the people of				2011 to 2016-17	NCSCM	2340	246	11.75%
			the region.				2017 to 2019 till March	NCSCM	2596	256	10.94%
							2019 to 2021 till March	GUIDE	2723	127	4.89%
							Total		2723	629	
							system in a 2021 (2723 As a part of mangrove	all increase in nd around Al Ha) is 629 Hoof GCZMA reconservation following ac	PSEZ from 2 a (30%). ecommendation pi	011 (20 ions an	94 Ha) to



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							Sr N	Recommen dations	Compliance
							1.	Mangrove mapping and monitoring in and around APSEZ	<ul> <li>APSEZ entrusted NCSCM, Chennai to carry out Monitoring of mangrove distribution in creeks in and around APSEZ and shoreline changes in Bocha island.</li> <li>As a part of this study, overall growth of mangroves in the creeks in and around APSEZ was assessed comparing Google earth images of 2017 &amp; 2019 and it is observed that there was increase in mangrove cover between March 2017 and September 2019 to the extent of 256 Ha, which is about 10.94%.</li> <li>This suggests that the mangroves and the tidal system in the creeks remain undisturbed over this period. Analysis of data between categories indicated that there was an increase in dense</li> </ul>



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							mangroves and also conversion of scattered to sparse which also shows that the growth of mangroves in a progressive direction.  Hence, there is an overall growth of mangroves in creeks in and around APSEZ, Mundra is 502 Ha between 2011 and 2019.  The cost of the said study was INR 23.56 Lacs incurred by APSEZ.  According to GUIDE Mangrove monitoring study report November 2023 (the report was submitted during the last compliance report submission Apr'23 to Sep'23),), the distribution of mangroves in Kotadi, Baradi mata, Navinal, Bocha and Khari creeks as well as in the Bocha island was studied using LISS IV satellite images for the duration of March 2019 to March 2021. The mangrove cover in the creeks in and around APSEZ showed a positive trend from March 2019 to March 2021, with an overall



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							increase of 52.79 ha (1.9%) compared to the cover during the year 2019. The total mangrove cover during 2019 was 2670 ha which has increased to 2723 ha during the year 2021.  • Hence, overall increase in mangrove cover area in creek system in and around APSEZ from 2011 (2094 Ha) to 2021 (2723 Ha) is 629 Ha (30%).  • The cost of the said study was INR 23.60 Lacs incurred by APSEZ.  Summary of Mangrove mapping and monitoring (from 2011 to 2021):  Mangrov e cover cover area increased lincreased Hac. %  Wangrov Hangrove Area (Ha.) Hac. %  2011 2094



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									2011 to 2016-17	2340	246	11.7 5%
									2017 to 2019 till March	2596	256	10.9 4%
									2019 to 2021 till March	2723	127	4.8 9
									Total	2723	629	
							2.	Tidal observatio n in creeks in and around APSEZ	Baradim Khari guidance • The ob- indicate experier adequat mangrov • The cos	tions at to 2017 ata, Navina creeks of NCSCA to that the for the res.	loca in al, Boch under A. dal r :he c tidal ra grow	ations Kotdi, na and the anges creeks anges, th of
							3.	Removal of Algal and Prosopis growth from	<ul> <li>Algal a monitori around algal end</li> </ul>		one ir area was foi	n and and ni bnu



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							was Rs. 2024-25. report is a -1.  4. Awareness of Adani Found Adani expanding awareness created regarding mangrove provides (green for Project is Cattels and cattle products of St.,74,250 51,66,805 • Awarenes important communiting approx. 4	of the said activity 150000 during FY The algal removal attached as Annexure Indation – CSR Arm of group has done in the community importance of in the community importance of importan



S. No.	Identified environmenta I and social impacts for the fully developed scenario (year 2030)	Type of Impact & Magnitud e1	Environment management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.	Additional Risk Mitigation Measures/ESMP	Responsible agency	Timeframe for implementation	Compliance
							Grass Land development: 213 acres of gauchar land has been cleaned and allocated for Grass land development with strong Community Contribution and Mobilization.      Other than this dedicated security guard with gate system deployed by APSEZ across the coastal area and no any unauthorized persons allowed within coastal as well as mangrove areas.      APSEZ has celebrated the International Day for the Conservation of the Mangrove Ecosystem on 24th to 26th July 2024 to raise awareness of the importance of mangrove ecosystems as "a unique, special and vulnerable ecosystem". The report for the same was submitted during the compliance report submission for the period Apr'24 to Sep'24.      Refer CSR report attached as Annexure – 2.  To comply with the GCZMA recommendations regarding mangrove monitoring at every 2 years,



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							presently APSEZ has awarded the work order to NCSCM, Chennai vide order no. 4802055905, dated 24/09/2024 with cost 45.87 Lacs for mangrove mapping in and around APSEZ March 2021 to March 2023.  NCSCM has conducted ground truthing during 5 <sup>th</sup> to 7 <sup>th</sup> Mar'25 & 22 <sup>nd</sup> to 27 <sup>th</sup> Apr'25 in and around our APSEZ area for mangrove mapping & study work has been completed. Final Mangrove mapping report is awaited from NCSCM.
9.3	Outfall from the thermal power plants desalination and CETP would pose certain level of impact on the marine environmen t.	Level-1	A detailed marine hydro-dynamic and dispersion modelling of the study area indicates that the background temperature and salinity at mangrove conservation area will not increase	All approved marine outfalls shall be monitored for salinity, temperature and other designated parameters as per consent to establish issued by GPCB. Existing marine enviro nmental monitoring program shall be continued.	APSEZ and Concerne d Industry	Continual Process	Presently marine monitoring is being carried out by the Adani power plant at the marine outfall locations and reports are being submitted to the concerned authorities on regular basis.  APSEZ is carrying out Marine monitoring once in a month at 9 locations in deep sea by NABL and MoEF&CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. The analysis reports of the same are being submitted to the concerned authorities on regular basis.  Adani power plant is also doing marine water quality at 5 locations (2 locations at outfall location) in deep sea by NABL and MoEF&CC accredited agency namely M/s. Unistar Environment & Research Labs Pvt. Ltd. The analysis reports of the same are being submitted to the concerned authorities on regular basis. The summary of marine water quality is shown above.



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			from the prevailing background				The compari					tween CIA
			levels as the outfalls are					11-11	N	lax		Min
			located far				Parameter	Unit	CIA	Present	CIA	Present
			away.				Temp. Salinity	°C ppt	36.4 29.5	25.4 36.5	35.2 29	24.4 35.8
			APSEZ and respective power plants in the study area have been monitoring the marine water quality status on monthly basis for the stipulated environment al and ecological parameters.				As per above deviation in lindicates that	the con	centrati	on of par	ameter	
9. 4	Terrestrial Ecology:	Level-1	APSEZ has developed greenbelt in an area of	The compensatory afforestation	APSEZ	Continual Process	APSEZ has of which is to plantation/great SEZ Industries	aking reenbel	measure t develo	es/ steps opment. A	s for APSEZ,	terrestrial Individual



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	Study area doesn't have any notified national parks or ecological sanctuaries. Since the area falls under dry deciduous shrubs. Due to scanty rains in the area, the overall natural greencover/vegetat ion in the area is very small.		550ha as against the committed area of 430ha. A dedicatenurs ery is set up to promote plantation. APSEZ have undertaken a plantation with about 9.6 Lakh fully grown trees.	area to be monitored annually to check the survival rate of the plantation.			approx. 700 Ha. area as greenbelt within the APSEZ area including SEZ industries & Adani Power Plant.  Dedicated horticulture department is maintaining and monitoring the terrestrial green belt development on regular basis to check the survival rate of plantation.  Budget for Horticulture Department for the FY 2024-25 is to the tune of INR 831 lakh. Out of which, Approx. INR 570 lakh has spent during the year FY 2024-25.
10	Socio- economic aspects		•				
10.1	Population growth in the Mundra region was	Level-1	Dedicated townships are developed within APSEZ	The existing townships will be expanded to accommodate	APSEZ	As and When Required	APSEZ has developed two townships (Shantivan and Samudra) accommodating 4677 households and associated infrastructure facilities. Accommodation is made available for all interested employees working



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	reported to be in the order of 85% during the past decade (2001-2011). Further expansion of the urban area could be possible due to induced economic growth in the region. Increase in population will have a additional need for public infrastructure in the region.		area with necessary community infrastructure s such as hospital, school, recreational facilities, sewage treatment and waste collection facilities. Adani Foundation has been undertaking various CSR programs under the principal themes such as education, community health, sustainable livelihood and rural infrastructure.	about 4lakh people when the project activity is fully developed.			within Adani group & SEZ industries. Out of which 93.65 % Occupancies are accommodated within the townships and rest are available for employees working within APSEZ.  At present 61 nos. of industries (processing & non-processing) are operating within the SEZ. Township facilities are also made by SEZ industries within Mundra town for their employees having basic infrastructure facilities and requirements. Most of the employees working in SEZ industries are residing in Mundra township having all basic requirements and associated facilities.  The existing social infrastructure facilities are adequate to accommodate the people considering present APSEZ development. The existing townships with associated facilities will be expanded as per requirement. Other infrastructure facilities have been developed for people are as follows.  • Multi-Specialty Hospital  • School  • Commercial complex  • Religious place  APSEZ is actively working with local community (including fishermen community) around the project area and provides required support for their livelihood and other concerns through the CSR arm – Adani



S. 6 No. I i	Identified environmenta I and social impacts for the fully developed scenario (year 2030)	Type of Impact & Magnitud e1	Environment management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.	Additional Risk Mitigation Measures/ESMP	Responsible agency	Timeframe for implementation	Compliance
			About Rs. 97 Cr has been spent on various CSR activities in the Mundra region since 2010. Similar community development programs (based on need based assessment) will be continued in future as well with allocation of appropriate budget.				Foundation in the main five persuasions is mentioned below.  Community Health Sustainability Livelihood – Fisher Folk Education Rural Infrastructures Skill Development  Adani foundation has spent approx. INR 10079.78 lakhs from April – 2018 to March - 2025 for CSR activities which also includes cost of rural infrastructure projects.  Major works carried out since April 2018 as a part of CSR activities are as below.  Infrastructure development activities during FY 2024-25:  COMMUNITY INFRASTRUCTURE DEVELOPMENT PROJECTS & ITS BENEFICIARIES Renovation of Aanganwadi, Goyarsama Village – 40 beneficiaries Construction of Pipe Culvert, Old Bandar Fisherman Vasahat - 1200 beneficiaries Open Shed & Community Hall, Sukhpurvah Mundra – 1200 beneficiaries



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							<ul> <li>Open Shed at PTC College, Mundra – 160 beneficiaries</li> <li>Renovation of High School, Zarapra Village – 550 beneficiaries</li> <li>Open Shed at Mokha Parking – 2000 beneficiaries</li> <li>Canal Cleaning &amp; Chamber Renovation, Bhadreswar Village – 120 beneficiaries</li> <li>Renovation of Approach Road, Shekadiya and Luni – 1200 beneficiaries</li> <li>R.O. Plant Installation, ITI Mundra &amp; Sanjivni School – 800 beneficiaries</li> <li>Paver Block Floor Work, Wandi Village – 2000 beneficiaries</li> <li>COMMUNITY INFRASTRUCTURE DEVELOPMENT KEY COMMUNITY INFRASTRUCTURE DEVELOPMENTS:</li> <li>Educational Facility Renovations</li> <li>High School, Zarapra: 550 students benefited.</li> <li>Aanganwadi, Goyarsama: 40 students benefited.</li> <li>Kasturba Girls Hostel, Desalpar: 150 girls benefited.</li> <li>Infrastructure Improvements:</li> <li>Pipe Culvert, Old Bandar: 1200 people benefited.</li> </ul>



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							<ul> <li>Box Culvert &amp; CC Road, Zarpara: 12000 people benefited.</li> <li>Approach Road, Shekadiya &amp; Luni: 1200 people benefited.</li> <li>Approach Road, Vadi Vistar: 800 farmers benefited.</li> <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> <li>Sanitation and Health Initiatives:</li> <li>R.O. Plant, ITI Mundra &amp; Sanjivni School: 800 students benefited.</li> <li>Toilet Block for Disabled, GPVC Villages: 5 families benefited.</li> <li>Painting &amp; Office Work, CHC Mundra: 14600 people benefited.</li> </ul> </li> <li>Last FY 2023-24 infrastructure development activities:</li> </ul>
							<ul> <li>377 - AC Roof sheet support to Fisherfolk Vasaha 1700+ Benefited.</li> <li>2 Development of Common Gathering flooring work – 4000+ Benefited.</li> <li>195 Stall – Vegetable market– 900+ Benefited.</li> </ul>



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							<ul> <li>Solar Panel System at Mundra – 600+ Benefited.</li> <li>Maintenance, Fencing &amp; Material Support - 30+ Benefited. Renovation of Shed at Shekranpir Bhopavandh - 2000+ Benefited.</li> <li>Renovation Check dam and CC road work at Nani Khakhar – 200+ Benefited.</li> <li>Renovation of High School at Zaarapa – 2200+ Benefited.</li> <li>Construction of Pipe Culvert – 400+ Benefited.</li> <li>Construction of chain-link fencing at Mangra village – 300 people benefited.</li> <li>Gaushala Shed at Zarapara village – 400 cettle benefited.</li> <li>Renovation of approach road, Zarpara – benefiting 400 villagers.</li> <li>Renovation of Civil and Electrical Work at ITI, Mundra - 500 students benefited.</li> <li>Construction of 21 Borewell Recharge in Nagmati River - 150+ farmer benefited.</li> <li>Check dam Desilting and restoration at Nana Bhadiya – 100+ farmers benefited.</li> <li>Renovation of Check dam at Pavadiyara village - 300 people benefited.</li> <li>Renovation of Balwadi at Juna bandar &amp; Luni bandar.</li> <li>185 RRWHS construction is ongoing in various villages - will benefit 1300+ residents.</li> </ul>



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							<ul> <li>Supply &amp; installation of Solar panel (3.25 KV) at CGP, Mundra – benefiting 1200 people.</li> <li>Development of Model Farm in Zarpara, Siracha &amp; Mangra – Benefiting 300 people.</li> <li>Renovation of approach road at various fisherfolk vasahat.</li> <li>Similar community development programs (based on need based assessment) will be continued in future as well with allocation of appropriate budget.</li> </ul>
10.	The overall sex ratio was found to reduce by 28% in the Mundra taluk (study area) during the period 2001 - 2011. This could be attributed to increase in influx of working men in the region due to rapid economic development.	Level-2	Adani foundation is taking up several girl child education programs as part of CSR activities to create awareness about girl child protection.	Suitable regional level awareness programs on the girl child protection and encouragement programs in line with state and national policies shall be adopted under Corporate Social Responsibility programs in association with district authorities.	APSEZ, Other development projects and District Administration*	Long Term	Major works carried out since April 2018 as a part of CSR activities to create awareness about girl child protection are as below.  • The Adani Foundation provided scholarship support to motivation and encouragement of fishermen boys and girls for higher education under this program. We extend 100% fee support to female candidates and 80% to male candidates.".  Student Benefitted Under Uthhan Project during the FY 2024-25:  • 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.



S. envi No. I and impa the deve scer	ntified vironmenta nd social	Type of Impact & Magnitud e1	Environment management plans adopted or being adopted by APSEZ as per permits, clearances, applicable regulations and guidelines etc.	Additional Risk Mitigation Measures/ESMP	Responsible agency	Timeframe for implementation	Compliance
migl cont futu indu ecor	ntinue in ure due to uced onomic wth in the						Additionally, over 1,000 books and various magazines were provided  2,09,640 Books issued between students  Progressive Students: Strengthening foundational literacy, 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  Distribution of sports kits, music kits, TLM kits, and stationery kits. to 12K+ Students  Value education is imparted through films that teach important life lessons and moral values to 1K+ Students  Provide students to engage in fun and educational activities, fostering their holistic development. 8K+ students.  Children toy foundation kit to 5k+ Students  Building as Learning Aid (7K+ Students): BALA transforming school spaces into vibrant



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							learning environments through creative artwork.  Environmental Education Project: 80 Schools, 12000+ Students  Adani Competitive Coaching Center: 27 School, 5000+ Students  Oasis Reading workshop: 700+ Workshop. 20000+ Students  Capacity building of teachers: 150  Teachers, 16000+ Hours  Key finding of third-party assessment:  The Utthan program assessment employed a quasi-experimental, mixed-methods design with pre- post comparisons and stratified random and purposive sampling to evaluate student outcomes, program impact, and sustainability.  The sample included 288 intervention students, 96 non- intervention 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.



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							<ul> <li>More than 90% of the students have achieved proficiency in reading, writing and numeracy skills in Utthan Schools.</li> <li>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.</li> <li>Sahayak mentioned improvements in their classroom management practices, strong parent and community management and understanding of student child development</li> <li>97% of students reported improved confidence in leadership and communication and 97% of students in Utthan schools have mentioned interest in attending school.</li> <li>Teachers' capacity building: Comprehensive teacher training programs enhance instructional quality, equipping educators with tools to deliver FLN-focused curriculum effectively.</li> <li>Community engagement through home visits and mothers' meetings, the project strengthens parental accountability and participation, directly influencing students' motivation and performance.</li> </ul>
							<ul> <li>Holistic Development &amp; Achievements</li> <li>Academic and Institutional Developments:         Board exam results showcased excellent     </li> </ul>



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							student performance, with targeted remedial sessions introduced for continuous improvement.  The Housekeeping Training Program (May 28) emphasized cleanliness and hygiene maintenance among staff.  Teacher Development and Training: 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.



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							<ul> <li>District-Level Science Fair (Dec 9-10): Students represented Mundra Taluka with innovative projects.</li> <li>Health and Safety Initiatives: Menstrual Hygiene Awareness Program (June 22) educated girls on personal health and wellness.</li> <li>School-Wide Health Check-Up (July 8) ensured early detection of health concerns.</li> <li>Project Udaan - Inspiring Minds</li> <li>About Project: 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.</li> <li>Total 408 no. of Schools/Colleges/ Institutes participated.</li> <li>Total 26346 no. of participants participated.</li> <li>About INR 10079.78 lakhs has been spent on various CSR activities in the Mundra region since April 2018 to till March 2025 including cost of community health and education for woman and girl child.</li> </ul>
10. 4	Due to economic growth leading to rapid	Level-2	Adani hospitals, Mundra is setup by Adani group near Samudra	APSEZ will explore other possibilities to augment the primary and secondary healthcare	APSEZ	Long Term	Adani hospitals (Multi-specialty), Mundra is having 100 bed facility and same is setup by Adani group near Samudra township.  Primary health center and community health center are in place within the Mundra taluka.



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	urbanization, which prompts the need for healthcare facilities in the region. For an influx of 6 lakh people from APSEZ operations and additional 3 Lakh from induced growth by the year by 2030 (fully developed scenario), total hospitals facilities with about 540 beds would be required.		township with a goal to provide primary and secondary health care services to Adani group employees and the local populace of Mundra. The existing 100 bed Adani hospital at Mundra has been catering the services ranging from wellness and preventative care.	facilities in future depending on the growth scenario at APSEZ development.			Other than this Adani foundation is doing various activities as part of community health. The details of FY 2024-25 are as below.  * Mobile Heath Care Units and Rural Clinics



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							<ul> <li>General_Health Camp</li> <li>It aims to make quality healthcare accessible to underserved communities by providing free consultations and basic medical services.</li> <li>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. In the current year 1922 patients benefited though General Health Camp</li> </ul>
							<ul> <li>Specialty Health Camp</li> <li>It is organized 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.</li> </ul>



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							<ul> <li>In the current year 3217 patients benefited through Specialty Health Camp.</li> <li>Eye Vision Care Initiative</li> <li>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. In the current year 10,000 patients benefited though Eye Vision Care program.</li> <li>Cataract-Free Mundra Initiative</li> <li>To combat vision loss among the elderly, the Cataract-Free Mundra campaign has screened 567 individuals at the village level.</li> <li>Patients identified with cataracts are referred</li> </ul>



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							independence and quality of life. In the current year 68 successful cataract operations through Cataract-Free Mundra campaign.  ❖ 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.  ❖ Medical Services Data from April 2024 to March - 2025:  • Mobile Van − 11066 beneficiaries  • Rural Clinic − 2500 beneficiary  • Medical Support & Dialysis − 2733 beneficiary  • General Health Camp − 1922 beneficiary  • Specialty Health Camp − 3217 beneficiaries  • Blood Donation Camp − 2902 beneficiary  • Cataract Camp − 567 beneficiaries  • Eye Vision Care − 10000 beneficiaries  • Driver Health Check Up − 7156 beneficiaries



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							<ul> <li>Fodder support to 24 Villages, benefiting 36808 cattle, Dry Fodder Support - 15,74,250 Kg &amp; Green Fodder Support - 51,66,805 Kg</li> <li>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.</li> <li>Cattle vaccinated -14,056</li> <li>Deworming tablet distributed – 1460</li> <li>Cattle benefited – 15000+</li> <li>Previously Conducted Community Health Details:</li> <li>Total Patients Benefitted FY 23-24: -23327 (direct &amp; indirect) by Mobile van and rural clinic</li> <li>2 financially challenged patients has been supported with Dialysis treatment at 124 Times which added day in their Life.</li> <li>Provided 41,546 medical health services and conducted health awareness camps for 763 High school students.</li> </ul>



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							<ul> <li>Cataract-Free Mundra:         <ul> <li>The initiative is a dedicated effort to eradicate cataract-related vision impairments specially focused on Senior citizen through Meticulous planning as below.</li> </ul> </li> <li>Lives Impacted: - 1131         <ul> <li>Comprehensive Eye Screenings at Village level</li> <li>Cataract Surgeries to GKGH, Bhuj</li> <li>Post-Operative Care and Follow-up</li> <li>5 successful Operation</li> </ul> </li> <li>Health camp:         <ul> <li>Specialty camps, Eye checkup camps, Blood donation camp, Anti-tobacco awareness camp, TB screening, and other are conducted in core villages as well as in labour colonies.</li> <li>Specialty health (Gynec, ophthalmic, specialty health camp): - 5795 Patients Benefited.</li> <li>General health camp: - 1618 Patients benefited.</li> <li>Blood Donation Camp: 1715 people have donated blood.</li> <li>Conducted health programs for students, engaging 763 participants, and held sessions on Personal Health &amp; Hygiene Awareness, addressing critical health issues and promoting overall well-being.</li> </ul> </li> </ul>



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							<ul> <li>Women's Health: Provided health services to more than 2610 women benefitted through Menstrual &amp; Mental Health Awareness Drive.</li> <li>Dialysis Support: During this year, 2 patients were supported for regular dialysis with 124Times which added day in their Life.</li> <li>Medical Supports: 1007 beneficiary in 35 village.</li> <li>International year of Millets – 2023: To promote millet culture and raise awareness about its benefits in Mundra, we organized a Millet Competition across nine villages. Over 715 women took part in the competition, while 2200 benefited from awareness sessions. Through this initiative, 300 indigenous millet recipes were showcased, highlighting the potential for sustainable and nutritious dishes in our daily diets.</li> <li>Ayushman card facilitation: Ayushman card issued to 5584 for 25 village of 686.50 Cr. health insurance.</li> <li>Preventive health Campaign the Adani Foundation is focusing on providing preventive healthcare to women and adolescent girls, raising awareness of Physical and Mental health issues, promoting healthy behaviors, implementing Menstrual hygiene initiatives and Millet consumption for healthy body.</li> <li>Sample Survey Report 2023-24</li> </ul>



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							<ul> <li>55% Never heard about Menstrual hygiene.</li> <li>60% Are using cloths on regular basis.</li> <li>36% Had never used sanitary pads.</li> <li>68% Had no information about UTI.</li> <li>30% Never used millets in their diet.</li> <li>60% Never heard about millets or it's benefits.</li> <li>2222 – Economically Challenged patients have been supported for operation, OPD, IPD, Medicines and lab-test.</li> <li>For Preventive health care General and multispecialty camps Pediatric camp, General Health camps in 7 villages and Super specialist camp which benefitted more than 4690 patients of Mundra &amp; Mandvi Taluka.</li> <li>Cattle Health Camp: Adani Foundation and Animal Husbandry department Veterinary Jointly organizing cattle health Awareness and vaccination programs in 24 Villages of our periphery villages with total 18903 cattle benefitted, and 18870 cattle vaccinated. Total 982 cattle owners benefited for Preventive Health Care &amp; Fodder Support Program</li> <li>Present Hospital facilities are adequate to avail the medical treatment for Mundra region considering present development. Other Occupational Health centres, primary health centres and community health centres are also in place in Mundra to take care the people residing in Mundra. Adani group is also operating high</li> </ul>



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10.	Due to rapid economic development in the region, several employment opportunities can be generated to the local people.		APSEZ has been giving preferences to people from Gujarat for providing employment opportunities based on eligibility and skills.	APSEZ is committed to provide support for fishermen livelihood activities and has submitted a detailed 5 years plan to MoEF&CC	APSEZ	Short Term	quality health care services to the people of Kutch at G. K. General Hospital, Bhuj having 750 beds facilities on public private partnership (PPP) model, which is 60 km far from Mundra.  APSEZ will explore other possibilities to augment the primary and secondary healthcare facilities in future depending on the future development at APSEZ.  Fishermen livelihood development activities during FY 2024-25:  > WOMEN EMPOWERMENT:  Self Help Groups  88 Self Help Groups in coordination with National Rural Livelihood Mission.  920+ Members  Over Rs.39 Lacs Saving Amount Corpus
	When the area is fully developed by the end of 2030, the working population of the Mundra taluk would increase from		special programmes have been conducted by Adani Foundation to enhance the employability of youth from fisherfolk	with a total budget of Rs.13.5 Cr.			<ul> <li>11 Women supported for application and process of Gram Rakshak Dal, Bank Sakhi, Bima Sakhi and Professional Resource Person.</li> <li>Average income Rs.7500 Per Month</li> <li>Making SHG Self Reliant</li> <li>16 SHG are making strides towards self-reliance. Various handicrafts, dry and fresh food making, stitching, tie and die etc.</li> </ul>



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	current level of 55,000 to as high as 4,00,000, which will be 45% of the total envisaged population in Mundra Taluk by the end of 2030.		communities. Based on the need assessment results, several livelihood options have been introduced by the Adani Skill Development Centre, Mundra. In these centres, youth can join and get vocational training for a number of technical and non-technical skills. An industrial Training Institute is set up at APSEZ, Mundra, to enhance the skill levels of the local				<ul> <li>175+ women - Monthly average income @ Rs.7000 of each member/Month</li> <li>Social Empowerment</li> <li>4 Livelihood Enhancement Training through RSETI</li> <li>Financial support for business set up</li> <li>Legal rights and domestic violence workshops</li> <li>Family counselling for Job Sourcing</li> <li>Job Sourcing - Private</li> <li>Coordination for Job by Unnati Portal with Adani Group company companies, Britania, B Medical and Emphazer company</li> <li>758 Women supported till date for job sourcing.</li> <li>Average income Rs.10,800 Per Month</li> <li>"CHETNA" - INITIATIVE WITH GENDER DIVERSITY</li> <li>Adani Foundation, in collaboration with Unnati Portal and Adani Solar, launched an initiative to provide equal opportunities for employment and self-development to women from Kutch.</li> <li>Till Now 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.</li> </ul>



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			youth to maximum possible extent.				<ul> <li>Highlights of the Work done by our SHG:</li> <li>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/</li> <li>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.</li> <li>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.</li> <li>Skill Training: Stone Dust Art Training Mud Art Training Beauty &amp; wellness Training. 100+ Local women empowered</li> <li>Exposure Visit: Visit to Welspun Stitching Centre for women to learn about stitching enterprises</li> <li>New SHG Formation:</li> </ul>



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							<ul> <li>Madhav Saheli" a Food service SHG</li> <li>"Gopinath Saheli" a Tailoring SHG</li> <li>"Suidhaga" a Tailoring SHG</li> <li>CELEBRATED INTERNATIONAL WOMEN'S DAY WITH 1,000 LAKHPATI DIDIS:</li> <li>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.</li> <li>Over 614 women have been connected with job opportunities at Adani Solar, while 850+ women entrepreneurs received support to grow their businesses.</li> </ul>
							<ul> <li>MENSTRUAL HYGIENE AWARENESS:</li> <li>Adani Foundation is dedicated to educating and empowering rural girls and women from marginalized communities about menstrual health.</li> <li>We aim to break negative social stigmas around menstruation and improve their overall wellbeing.</li> <li>61 Villages covered</li> <li>8300+ School girls &amp; women participated till now</li> </ul>



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							EMPOWERING FISHERFOLK COMMUNITIES  THROUGH EDUCATION:  PERSISTENT EFFORTS FOR FISHERMAN DEVELOPMENT:  Educational Kit Support − 686 beneficiaries  Fisherman Shelter Support − 273 beneficiaries  Vehicle transportation Support − 1368 beneficiaries  Cycle Support to high school going students − 111 beneficiaries  Scholarship Support − 648 beneficiaries  Youth Employment − 494 beneficiaries  Linkage with Fisheries Scheme − 195 beneficiaries  Ramatotasav Community Engagement − 3534 beneficiaries  Man-Days mangrove plantation − 56,523 beneficiaries  * 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



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							cycle of poverty and create a brighter future for these students and their families.  Vehicle Transportation Facilities:
							<ul> <li>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.</li> </ul>
							<ul> <li>Job opportunity</li> <li>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.</li> <li>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.</li> <li>This initiative has enhanced their livelihoods and provided sustainable employment opportunities.</li> </ul>
							Awareness camp on Menstrual health:
							<ul> <li>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</li> </ul>



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							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  SUSTAINABLE LIVELIHOOD - 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:



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							<ul> <li>Renewable Energy Source: Biogas is a sustainable and renewable energy source that reduces dependence on fossil fuels.</li> <li>Cost Savings: Farmers save on fuel expenses as biogas can be used for cooking, heating, and electricity generation.</li> <li>Waste Management: Biogas plants efficiently manage agricultural waste by converting it into useful energy.</li> <li>Environmental Impact: Biogas reduces greenhouse gas emissions, contributing to climate change mitigation.</li> <li>Soil Health: The by-product, known as digestate, is a nutrient-rich organic fertilizer that enhances soil fertility.</li> <li>Improved Livelihoods: Biogas provides farmers with additional income and energy security, improving their overall quality of life.</li> <li>Biogas benefit Key Highlights</li> <li>Total Farmer Registered - 863 Farmers</li> <li>Financial Support for each farmer - Rs. 9000</li> <li>Geographical coverage in Kutch - 6 Talukas</li> <li>DRIP IRRIGATION - ENHANCING LIVELIHOODS IN KUTCH:</li> <li>The Drip Irrigation Initiative by Adani Foundation promotes efficient water use in farming by providing financial support to</li> </ul>



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							farmers for installing drip systems. It helps conserve water, improve crop yield, and encourage sustainable agriculture in Kutch.  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 ecofriendly 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



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							<ul> <li>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.</li> <li>Sales Achievements</li> <li>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. Achieved Rs. 6,49,640+ Total revenue.</li> <li>APSEZ is carrying out various initiatives specific to the Fisherfolk community which includes:         <ul> <li>Vidya Deep Yojana</li> <li>Vidya Sahay Yojana – Scholarship Support</li> <li>Adani Vidya Mandir</li> <li>Fisherman Approach in SEZ</li> <li>Machhimar Arogya Yojana</li> <li>Machhimar Kaushalya Vardhan Yojana</li> <li>Machhimar Sadhan Sahay Yojana</li> <li>Machhimar Awas Yojana</li> <li>Machhimar Shudh Jal Yojana</li> <li>Sughad Yojana</li> <li>Machhimar Akshay kiran Yojana</li> <li>Machhimar Suraksha Yojana</li> <li>Machhimar Suraksha Yojana</li> <li>Machhimar Syachhata Yojana</li> <li>Bandar Svachhata Yojana</li> </ul> </li> </ul>



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							These initiatives are planned for the period 2016 – 2021 with a committed expense of INR 13.5 Cr as submitted earlier in detail in the report namely "Silent Transformation of Fisher folk at Mundra",  Till, FY 2024-25 approx. 15.79 Cr. INR, has already been spent in support for fishermen livelihood activities. Further, details regarding the expenditure incurred against the commitment are attached as <b>Annexure – 16</b> .

# Annexure – 18



PARYAVARAN BHAVAN, SECTOR 10-A, GANDHINAGAR - 382010, (T) 079-23232152

## (WH-139724)

No. PC/CCA-KUTCH- 582(5)/ GPCB ID-35427/83 2 00 5

Date: 2.4/01/2025

To.

M/s. Adani Port & Special Economic Zone Ltd., (WFDP-West Port)

Survey no. 141,

Navinal Island, Mundra,

Tal: Mundra, Dist: Kutch- 370 421.

BUB :

Amendment in the consolidated consent & Authorization of the Board.

1) CCA issued by this office vide order no- AWH- 113458 dated 28/05/2021 valid

up to 01/02/2027.

Obtain deemed CTE vide order dated 19/05/2020.

3) Your CCA Amendment Application Inward ID No.320886 dated 07/11/2024.

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution)-1981 and Authorization under rule 6(2) of the Hazardous And Other Waste (Management and Transboundary) Rules, 2016 & framed under the Environment (Protection) Act-1986, The Board has granted CCA vide order No. AWH- 113458 vide order no. PC/CCA-KUTCH-582(4)/ ID-35427/ 595234 dated 16/07/2021.

The Board has right to review and amend the conditions of the said CCA and its amendment orders. Now, considering your application for CCA amendment inward ID No. 320886 dated 07/11/2024, the said CCA order is amended as below:

- The order shall be read as CCA amendment Order No.: WH- 139724 Date of Issue: 16/01/2025, valid up to 01/02/2027.
- The condition no. 2 of the said CCA is amended as below:

The consent shall be valid up to 01/02/2027 for the use of outlet for the discharge of treated effluent and emission due to operation of industrial plant manufacturing following items/ products:

Br. No.	Product	Existing as per GCA dated 28/06/2021	Total quantity after GGA-Amendment
1,	Dry Cargo Handling	6,00,00,000 MTA	60 MMTPA
2.	Liquid Cargo (including Chemicals, POL Products, all class A, B, C Petroleum Products, toxic & non hazardous chemicals/ liquid)	-	5 MMTPA
3.	Desalination Plant	47 MLD	80 MLD



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Website: https://gpcb.gujarat.gov.in



PARYAVARAN BHAVAN, SECTOR 10-A, GANDHINAGAR - 382010, (T) 079-23232152

- 3.9 Treated domestic effluent conforming to above standard shall be discharged on land for gardening and plantation purpose within premises only. In no case waste water shall be discharged outside premises.
- 3.10 Industry shall provide fixed pipeline network with flow meter for even distribution of treated domestic effluent and maintain its record.
- 3.11 Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent.
- 4. The condition no. 5.1 & 5.2 of the said CCA is amended as below:
  - 5.1 Authorization order no. WH- 139724 Date of issue: 16/01/2025.
  - 5.2 M/s. Adani Port & Special Economic Zone Ltd., is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, treatment, storage, transport of hazardous waste on the premises situated at Survey no. 141, Navinal Island, Mundra, Tal: Mundra, Dist: Kutch;

Sr.	Waste	Q	antity	Schedule	Facility	
No.		Existing	After GGA- Amendment	&Category		
1.	Used Oil	238 MT	240 MT	1-5.1	Collection, storage, transportation and disposal by selling out to registered recycler.	
2.	Discarded Drums & Containers	26 MT	28 MT	1-33.1	Collection, storage, transportation and disposal by selling out to authorised decontaminator.	
3.	Contaminated cotton waste rags or other cleaning material	32 MT	31 MT	1-33.2	Gollection, storage, transportation and co- processing plant or CHWIF site.	
4.	Spent ion exchange resin	-	5 MT	1-35.2	CHVVIF site.	

 Rest of conditions of Consolidated Consent & Authorization (CC&A) order No: AWH-113458 issued vide this office letter no. PC/CCA-KUTCH-582(4)/ ID-35427/ 595234 dated 16/07/2021 shall remain unchanged and industry shall comply with the same judicially.

For and on behalf of GUJARAT POLLUTION CONTROL BOARD

> (T. C. Patel) Unit Head

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Website: https://gpcb.gujarat.gov.in

# Annexure – 19



Regional Office: Kutch - East

Room No. 215-216-217, Deendayal Port Trust Administrative Building, Sector 8, Gandhidham - 370205. Kutch-Gujarat
Ph. No. 02836-230828. E-mail : ro-gpcb-kute@gujarat.gov.in = xgn site : gpcbxgn.gujarat.gov.in

By R.P.A.D

#### Consent to Establish (NOC) CTE NO: CTE-77914 Appl. Type: CTE-Fresh

#### NO:GPCB/KUT/CTE-/ID-111809/

To.

M/s. Mundra Petrochem Limited

Near Adani Solar,

Industrial Estate: APSEZ, Town: Tunda, Tal: Mundra, Dist: Kutch East, Pin: 370 435.

SUB: Consent to Establish (NOC) under Section 25 of Water Act 1974 and Section 21 of Air Act 1981.

REF: Your NOC application No. 320795 dated 18/10/2024.

Sir.

Without prejudice to the powers of this Board under the Water (Prevention and Control of Pollution)
Act-1974, the Air (Prevention and Control of Pollution) Act-1981 and the Environment (Protection) Act1986 and without reducing your responsibilities under the said Acts in anyway, this is to inform you that
this Board grant Consent to Establish (NOC) for setting up of an industrial plant/ activities at Near Adani
Solar, Industrial Estate: APSEZ, Town: Tunda, Tal: Mundra, Dist: Kutch East, Pin: 370 435.

- CTE Order No.: CTE-77914 date of issue 09/12/2024, Valid upto 18/09/2031.
- 2. The list of proposed product to be manufactured shall be as follows:

Sr. No.	List of Product	Quantity	Unit per Annum	CAS No.	Remarks
1.	DESAL Water	29,200	Million Liter per Annum	7732-18- 5	Sea Water Reverse Osmoses Process.

#### SPECIFIC CONDITIONS

- No ground water shall be used for the project coming under dark zone without permission of competent authority.
- b. Industry shall comply with fresh water from valid source having permission of the competent authority.
- c. You shall not carry out any activity which may attract the applicability of EIA notification-2006.
- d. Management of Solid Waste generated from industrial activities shall be as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46)).
- e. As per provision of Rule-18 of Solid Waste Management Rules-2016 all industrial units using fuel and located within 100 km from the refused derived fuel (RDF) plant shall made an arrangement to replace at least five percent of their fuel requirement by refused derived fuel so produced.
- f. Unit shall comply with the Board circular dated 27/08/2021 regarding retrofitting of emission control devices/equipment in D.G. Set with a capacity of 125 KVA and above as per system & procedure for emission compliance testing of Retrofit Emission Control Device (RECD) for D.G. Set issued by CPCB dated 01/02/2022 at the earliest and submit compliance.

- g. Industry shall strictly comply with the submitted undertaking dated 23/09/2024 that lessee & lessor (APSEZ) are both jointly and severally responsible in case of any violation of environmental Acts/laws.
- Industry shall not carried out any activity which may attract the CRZ Notification 2011 & amendment therein.
- Industry shall strictly comply with all the conditions mention in Environment and CRZ Clearance vide No. EC24A3501GJ5976060N.

#### 3. CONDITION UNDER THE WATER ACT:

- 3.1 The quantity of total water consumption shall not exceed 200,008 KL/Day as per below break up as mentioned in form D submitted for consent application under the Water Act-1974.
  - a) Industrial: 200,000.00 KL/Day
  - b) Domestic: 08.00 KL/Day
- 3.2 Source of water: Existing Arabian Sea Water Reservoir.
- 3.3 The quantity of total waste water generation shall not exceed 120,007 KL/Day as per below break up as mentioned in form D submitted for consent application under the Water Act- 1974.
  - a) Industrial: 120,000,00 KL/Day
  - b) Domestic: 07.00 KL/Day
- 3.4 Industrial effluent management:
  - a) Mode of disposal of treated industrial effluent: Existing Outfall Channel
  - b) Description for treated industrial effluent disposal: The quantity of the industrial effluent from the manufacturing process and other ancillary operation (DESAL Plant Rejected water) shall be discharge into the Existing Outfall Channel.
- 3.5 Domestic sewage management:
  - a) Mode of disposal of treated domestic sewage: Soak Pit/ Septie Tank.
  - b) Description for treated domestic sewage disposal: Generated domestic waste water shall be Disposed into Soak Pit/ Septic Tank.
- 3.6 Industry shall affix of water meters for the purpose of measuring and recording the quantity of water consumed at such places as may be required and it shall be presumed that the quantity indicated by the meter has been consumed by the industry until the contrary is proved.
- 3.7 Industry shall provide fixed pipeline network with flow meter at inlet and outlet of DESAL Water plant and maintain its records.
- 3.8 Disposal system for storm water shall be provided separately, in no circumstances storm water shall be mixed with the industrial effluent.
- 3.9 The Board reserves the right to review and/or revoke the consent and/or make modifications in the conditions which it seems fit in accordance with provisions of WaterAct-1974.

#### 4. CONDITIONS UNDER THE AIR ACT:

- 4.1 There shall be no use of any fuel anywhere in the manufacturing process and consequently there shall be no flue gas emission from the manufacturing process and any other ancillary industrial operation.
- 4.2 There shall be no process gas emission from the manufacturing process and any other ancillary industrial operation.
- 4.3 The height of vent/exhaust attached with hood of kitchen shall be at least 3m above the building height.
- 4.4 The concentration of the following parameters in the ambient air within the premises of the unit shall not exceed the limits specified here under.



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	-	Permissible Limit (microgram /m²)			
Sr. No.	Parameters	Annual	24 Hours Average		
1.	Particulate Matter (PM <sub>10</sub> )	60	100		
2.	Particulate Matter (PM33)	40	60		
3.	Oxides of Sulphur (SO <sub>2</sub> )	50	80		
4.	Oxides of Nitrogen (NO <sub>1</sub> )	40	80		

- Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.
- 24 hourly or 08 hourly or 01 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.
- 4.5 Industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Daytime is reckoned in between 6 a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

## 5. CONDITION UNDER HAZARDOUS & OTHER WASTE (MANAGEMENT & TRANSBOUNDARY MOVEMENT) RULES, 2016:

- 5.1. Unit shall have to comply with provisions of hazardous & other wastes (management & Transboundary Movement) Rules, 2016 as amended from time to time.
- 5.2. The applicant shall provide temporary storage facilities for each type of Hazardous Waste as per Hazardous & Other Waste (Management & Transboundary Movement) Rules, 2016 as amended from time to time.
- 5.3. The applicant shall obtain membership of common TSDF site for Hazardous Waste as categorized in Hazardous & other Waste (Management Transboundary Movement) Rules, 2016 as amended from time to time.

#### 6. GENERAL CONDITIONS:

- 6.1 In case of change of ownership/ management the name and address of the new ownership/ partners/ directors/ proprietor should immediately be intimate to the Board. Also, any change in equipment or working conditions as mentioned in the consent form/ order should immediately be intimated to this Board.
- 6.2 Industry shall put up at the entrance a board displaying the name of the Industry, particulars of the products/ process and the name of proprietor/partners /directors of the Industry and the electricity consumer number as on the record of PGVCL.
- 6.3 The environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th June every year.
- 6.4 Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 5 meters width is developed.
- 6.5 The industry shall have to display the relevant information with regard to hazardous waste, waste water & air pollutants as indicated in the Courts Order in W.P. No.657 of 1995 dated 14th October-2003.
- 6.6 As per "Public Liability Insurance Act 1991", industry shall get Insurance Policy, if applicable.
- 6.7 Applicant shall also comply with the general conditions given in annexure I.

- 6.8 The waste generator shall be totally responsible for (I.E. Collection, storage, transportation and ultimate disposal) of the wastes generated.
- 6.9 Records of waste generation, its management and annual return shall be submitted to Gujarat Pollution Control Board in Form - 4 by 31s1 January of every year.
- 6.10 In case of any accident, details of the same shall be submitted in Form 5 to Gujarat Pollution Control Board.
- 6.11 Empty drums and containers of toxic and hazards material shall be treated as per guideline published for management & handling of discarded containers". Records of the same shall be maintained and forwarded to Gujarat Pollution Control Board regularly.
- 6.12 In no case any kind of hazardous waste shall be imported without prior approval of appropriate authority.
- 6.13 In case of transport of hazardous waste to a facility for (I.E. Treatment, Storage and disposal) existing in a state other than the state where hazardous waste are generated, the occupier shall obtain "No Objection certificate" from the state pollution Control Board, the Committee of the concerned state or Union territory Administration where the facility exists.
- 6.14 Unit shall take all concrete measures to show tangible results in waste generation reduction, voidance, reuse and recycle. Action taken in this regard shall be submitted within 03 months and also along with Form 4.
- 6.15 Industry shall have to display online data outside the main factory gate with regard to quantity and nature of hazardous chemicals being handled in the plant, including wastewater and air emissions and solid hazardous waste generated within the factory premises.

For and on behalf of GUJARAT POLLUTION CONTROL BOARD

> (F.M. Modi) RO Head, Kutch East

ISSUED TO, M/s. Mundra Petrochem Limited Near Adani Solar, Industrial Estate: APSEZ, Town: Tunda, Tal: Mundra, Dist: Kutch East, Pin: 370 435.

## Annexure - 20





#### **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.