

#### APSEZL/EnvCell/2025-26/021

Τo,

#### The Inspector General of Forest / Scientist C,

Integrated Regional Office (IRO),
Ministry of Environment, Forest and Climate Change,
Karmayogi Bhawan,
Block-3, F-2 Wing, 5<sup>th</sup> Floor,
Near CH-3 Circle, Sector – 10A
Gandhinagar – 382010.

E-mail: eccompliance-guj@gov.in, iro.gandhingr-mefcc@gov.in

Sub : Half Yearly Compliance for Environment and CRZ clearance for 'Expansion of notified Multi-

product SEZ by adding 1840 Ha notified SEZ with existing approved area of 6641.2784 ha to

Date: 24.05.2025

make it 8481.2784 ha at Mundra' by M/s Adani Ports and Special Economic Zone Ltd.

Ref : Environmental Clearance granted by Ministry of Environment, Forest and Climate Change, F. No.

10-138/2008-IA.III dated 12th February 2020.

Dear Sir,

Please refer to the above cited reference for the said subject matter. In connection to the same, it is to state that copy of the compliance report for the Environmental and CRZ Clearance for the period of October 2024 to March 2025 is being duly uploaded on the Parivesh Portal.

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

Kindly consider the above submission and acknowledge.

Thank you,

Yours Faithfully,

#### For, M/s Adani Ports and Special Economic Zone Limited



Bhagwat Swaroop Sharma Head – Environment Mundra & Tuna Port

Encl: As Above

#### Copy to:

- The Director (IA Division), Ministry of Environment, Forests & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003.
- The Zonal Officer, Regional Office, CPCB Western Region, Parivesh Bhawan, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara – 390023.
- 3) The Member Secretary, GPCB Head Office, Paryavaran Bhavan, Sector 10 A, Gandhi Nagar 382010.
- 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



Expansion of notified Multi-product SEZ by adding 1840 Ha, 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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From : Oct'24 To : Mar'25

#### Status of the Conditions Stipulated in Environment and CRZ Clearance

M/s. Adani Ports and SEZ Limited has been granted Environmental / CRZ clearance vide letter no. 10-138/2008-IA.III, dated 12<sup>th</sup> February, 2020 for "Expansion of notified Multi-product SEZ by adding 1840 Ha notified SEZ with existing approved area of 6641.2784 ha to make it 8481.2784 ha at Mundra, Dist. Kutch (Gujarat)".

Activities / Facilities approved are as below:

Total Approved Area (Ha)	Area (Ha) developed till 31.03.2025	Area under construction (Ha)
107 22		0
107.22		
		359.82
978.64		
88.33	9.6	0
24.15	6.68	0
607 <sup>\$</sup>	3.0	34.65
256.2	143.95	7.23
1940	167.27	401.70
	Area (Ha)  187.22  978.64  88.33  24.15  607\$	Area (Ha) 31.03.2025  187.22  978.64  88.33 9.6  24.15 6.68  607\$ 3.0  256.2 143.95

 $<sup>\</sup>overline{}$ Proposed greenbelt by APSEZ = 305 ha (16.6%) and by industrial units = 302 ha (16.4%)

#### Note:

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.

\*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 ha 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. 29th November, 2021 and 21st 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 21st September, 2022 submitted during the previous 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. The Copy of MoCl Gazette Notification dated 11<sup>th</sup> February, 2025 is attached as **Annexure - i**.



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** 

Half yearly Compliance report of Environment and CRZ Clearance for "Expansion of notified Multi-product SEZ by adding 1840 Ha notified SEZ with existing approved area of 6641.2784 ha to make it 8481.2784 ha at Mundra, Dist. Kutch (Gujarat)" by M/s Adani Ports and Special Economic Zone Ltd. issued vide letter no. 10-138/2008-IA.III, dated 12<sup>th</sup> February, 2020.

Sr. No.	Conditions	Compliance Status as on 31-03-2025
(i)	This Environmental and CRZ Clearance	Point noted and will be complied
	for the said expansion shall be subject to the outcome of ongoing court cases.	<ul> <li>SLP (Civil) no. 1526 of 2014</li> <li>Vide order dated 14.07.2014, the Hon'ble Supreme Court directed MoEF&amp;CC to complete the process of environmental clearance to the MSEZ project of APSEZ within eight weeks. MoEF&amp;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 was submitted during the half yearly EC compliance report submission for the period Oct'21 to Mar'22.</li> </ul>
		<ul> <li>SLP (Civil) no. 28788 of 2016</li> <li>In view of the affidavits filed by MOEF, and Govt of Gujarat the High Court dismissed the petition on 18.02.2015.</li> <li>The petitioner filed a special leave to appeal before the Supreme Court of India, challenging the order dated 18.02.2015 of Gujarat High Court and the same is pending. Sunita Narayan committee was appointed to study the area. Report was prepared by committee and submitted to Hon'ble Supreme Court.</li> <li>Matter pending at Supreme court. Updated status details is attached as Annexure - 1.</li> </ul>
		<ul> <li>APSEZ has taken/proposed following action:</li> <li>APSEZ has submitted as part of their submission to the Committee that there are no presence of "Sand dunes", in APSEZ area, inline to the authenticated maps &amp; report available for this area.</li> <li>The Committee visited Mundra on January 3 &amp; 4, 2018 and the core issues to be examined by the Committee</li> </ul>
		were (i) whether sand dunes are allotted in the forest land and whether APSEZL has destroyed/disturbed them and (ii) whether measurement of land was wrongly done? The Sunita Narain committee filed its



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		report in the Hon'ble Supreme Court of India on 14.9.2018.
		• The Committee heard representations from both the parties and concluded that the term "Dhuva" is not synonymous with shifting sand dune. The Committee concluded that there is no incontrovertible evidence that Mor Dhuva was a sand dune and it cannot be said that M/s. APSEZL violated any conditions of the Environmental Clearance. With regards to the issue of the measurement of land, the Committee stated that there was no credible evidence to show that Mor Dhuva was not part of the allotment to APSEZ and all measurements were done appropriately.
(ii)	Total area of Multi-product SEZ run by APSEZ Limited will be 8481.2784 ha after this expansion. The geo-coordinates of the additional piece of land (1840 ha) are 22°47'35.41" - 22°47'57.67"N and 69°40'6.15" - 69°32'46.58"E.	Point noted and complied with
(iii)	The proponent shall obtain, wherever applicable, separate Environmental Clearance including Risk Assessment for the Isolated Storage and Handling of Hazardous Chemicals under schedule 6(b) of the EIA Notification, 2006 and subsequent amendments thereto.	As per MoEF&CC Notification dated 13 <sup>th</sup> June, 2019, Item 6(b) and the entries relating thereto has been omitted from EIA Notification – 2006. Hence Project under Category – 6(b) Isolated Storage and Handling of Hazardous Chemicals not attracts EIA Notification – 2006 and subsequent amendments thereafter.  However, individual units will obtain requisite permissions from regulatory authorities in line to EIA Notification, 2006 and subsequent amendments thereto if applicable.
(iv)	The proponent shall prepare and implement the Mangrove	Complied.



From : Oct'24 To : Mar'25

Sr. No.	Conditions		Compliance Status as on 31-03-2025					
	Conservation and Management Plan in consultation with the	•		e directions			vides order onducted.	
	State Forest Department. This Plan shall be subject to monitoring by the third party. The implementation report and third-party	s p a T	tudy on reservation ssociated	comprehen on and coi I creeks in ar	sive and irnservation of around AP	ntegrate of mar SEZ in y	ent Agency) ed plan for ngroves and year 2016-17. was incurred	
	audit report be submitted to the Regional Office,		part of m wing acti	-	nservation pl	an, APS	EZ has done	
	MoEF&CC and the State Forest Department.	a tl	round AP hrough N	SEZ and sho CSCM, Cher	oreline chan Inai. The cos	ges in l st of th	reeks in and Bocha island e said study	
		c A	<ul> <li>was INR 23.56 Lacs incurred by APSEZ.</li> <li>b. Tidal observation in creeks in and around APSEZ – The cost of the said activity was INR 1.0 Lacs incurred by APSEZ.</li> </ul>				incurred by	
		o T	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 <b>Annexure - 2.</b>					
		c fo d a	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.					
		Sumi	mary of C	onservation	of mangrove	<u>es:</u>		
			Mangrove Monitoring Mangrove cover area covers total Increased					
			<b>Year</b> 2011		<b>Area (Ha.)</b> 2094	Hac.	<u>%</u> -	
			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	••	



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025					
		syste (2723 As a	m in and around A Ha) <b>is 629 Ha (30</b> part of GCZMA	A recommendations and NCSCM			
		mangrove conservation action plan, APSEZ has undertaken the following activities.					
		Sr. No.	Recommendations	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 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> <li>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</li> </ul>			



From : Oct'24 To : Mar'25

Sr.	Conditions	Compliance Status as on							
No.				3	1-03-202	5			
				•	with an of (1.9%) could the year cover during the year 2021. Hence, on cover are around AF 2021 (272). The cost	verall increes in crees PSEZ from 3 Ha) is 62 of the saids incurred Mangro	the centre to th	of 52.79 over dur I mangro 70 ha wh during n mangro em in a 2094 Ha) 30%). dy was I 6EZ.	ha ing ove iich the ove and ) to
					Mangrove mapping Year	Mangrove cover total Area	cov	ngrove er area reased	
						(Ha.)	Нас.	%	
					2011 2011 to	2094		-	
					2016-17 2017 to	2340	246	11.75%	
					2019 till March	2596	256	10.94%	
					2019 to 2021 till March	2723	127	4.89	
					Total	2723	629		
		3.	Removal of Algal and Prosopis growth from		2017 in Bocha ar guidance The obser the creek ranges, a mangrove The cost 1.0 Lacs. Algal and was done and algal	ons at loc Kotdi, Bar of Kotdi, Bar of KoscM. ved tidal raks experie dequate for s. of the said	adimal creeks nges in nce nor the dactive growth and maion was a second control of the normal control of the n	similar ta, Navir under  ndicate t ormal ti growth ity was I  monitor ngrove a as found	nal, the hat idal of NR ing rea
		4.	mangrove areas  Awareness of		some of the been removed. The cost 150000 d	ne mangrov oved manu of the said Juring FY 2 eport is atta	re area ally. d activ 024-2 ached a	s, which l vity was 5. The al	Rs. Igal ure
			mangroves		group		ne	awaren	



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025				
		importance in surrounding communities  communities  communities  communities  community regarding importance 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 15,74,250 Kg Green – 51,66,805 Kg.  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.  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				
		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.				



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		A Regional Impact Assessment study through Chola MS, Chennai (NABET accredited consultant) to identify impacts of all the existing as well as proposed project activities in Mundra region inline to ToR issued by GCZMA. The cost of said study was 1.3 Cr, which was incurred by APSEZ.
(>)	All the recommendations and mitigation measures as proposed in the Cumulative Impact Assessment report of Waterfront, SEZ and ancillary Developmen ts along Mundra, Kutch District, Gujarat shall be complied in letter and spirit. Proper record of monitoring should be placed along with six monthly compliance report.	APSEZ is already complying, as per Environment Management Plan and further recommendations, applicable to APSEZ as mentioned in the EMP of Cumulative Impact Assessment Study Report, w.r.t. 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 as per the progress of development within the boundary limits of APSEZ.  The detailed compliance, applicable to APSEZ is attached as <b>Annexure – 4</b> .
(vi)		Point Noted and Complied with  Separate environment clearance will be obtained by APSEZ or individual unit from regulatory authorities in line to EIA Notification, 2006 and subsequent amendments thereto if applicable.



From : Oct'24 To : Mar'25

Sr. No.	Conditions Compliance Status as on 31-03-2025				
.40.	authorities.	3, 03 2023			
(vii)	An Emergency Response Centre to be established to take care for prevention of and management of accidents, chemical spills etc. including that during transportation of chemicals with the arrangement of antidotes and necessary equipment.	Complied.  Oil spill contingency response plan is being updated on regular basis and the same was last updated on 30.07.2022 is in place and implemented. The updated Oil spill contingency response plan was submitted along with EC Compliance report for the period Apr'22 to Sep'22.  For responding to oil spill, the Indian Coast Guard has developed the National Oil Spill Disaster Contingency Plan NOSDCP which has the approval of the Committee of Secretaries and has been in operation since 1996. Oil Spill Contingency Response Plan (OSCRP) prepared by APSEZ is in accordance with the NOSDCP.  Latest Regional Level Pollution Response exercise "SWACHCHH SAMUDRA-NW 2024" was carried out by Indian Coast Guard on 14th - 15th OCT 2024 at Off Vadinar, Gujarat. All participants from various Oil Handling Agencies and Stakeholders (Adani Port & SEZ, Mundra, Indian Oil Corporation LTD, Jamnagar, Nayara Energy LTD VOTL, Vadinar, Reliance Industries LTD, Sikka Jamnagar, Essar Bulk Terminal, Salaya) were participated in this exercise. Details of the same is attached Annexure – 5.  Mock drills are conducted regularly by APSEZ. Last Oil Spill Mock drill was conducted on 06.02.2025. The updated Oil Spill Mock Drill report is enclosed as Annexure - 6.			
(viii)	All the provisions of the CRZ Notification, 2011 and subsequent amendments shall be strictly complied with, and in case of any change in scope of work, necessary recommendations from the concerned CZMA shall be obtained for further consideration by the	Point noted and will be complied with.  CRZ Recommendations vide Letter No. ENV-10-2010-1601-E dated 27 <sup>th</sup> March, 2012 obtained from GCZMA for Multi-Product SEZ for construction of Intake, Outfall pipeline and Desalination plant.  Construction with respect to Desalination Plant, sea water intake and outfall system has not been started yet.			



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
	concerned regulatory authority.	
(ix)	The project proponent shall ensure that the project is in consonance with the new Coastal Zone Management Plan prepared by the State Government under the provisions of CRZ Notification, 2011 and subsequent amendments.	Point Noted and Complied with  APSEZ ensures that the project is in consonance with the new Coastal Zone Management Plan prepared by the State Government under the provisions of CRZ Notification, 2011 and subsequent amendments.
(x)	On the project site physical HTL demarcation has to be compulsorily made with the help of Government of India organizations/Institutions.	Point noted and being complied  NCSCM has prepared authorized CRZ maps with HTL and CRZ Boundary as per the approved CZMP of Gujarat state under the provisions of CRZ Notification, 2011 and subsequent amendments. The same maps were submitted during the half yearly EC compliance report submission for the 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 along with the EC compliance report for the period Apr'23 to Sep'23.
(xi)	No construction works other than those permitted in CRZ Notification shall be carried out in CRZ area.	Point Noted and Will be complied with  No construction works other than those permitted in CRZ  Notification – 2011 will be carried out in CRZ area.
(xii)	Non-vegetated mudflats must be clearly demarcated on the map and no artificial plantation to be undertaken on non-vegetated	Point Noted and Will be complied with  CZMP of Gujarat state under the provisions of CRZ  Notification, 2011 and subsequent amendments is finalized and published on website.  No work other than those permitted in CRZ Notification –



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
	mudflats.	2011 will be carried out in CRZ area.
(xiii)		Point Noted and Will be complied with  Construction with respect to Desalination Plant, sea water intake and outfall system has not been started yet.
(xiv)	The project proponent shall report to the State Pollution Control Board about the compliance of the prescribed standards for all discharges from the Industrial Area into the sea	Point Noted and Will be complied with  Construction with respect to Desalination Plant, sea water intake and outfall system has not been started yet.
(xv)	No New CETP shall be permitted in SEZ area.	Point noted.  CETPs of 67 MLD capacities has been approved as part of EC & CRZ Clearance dated 15 <sup>th</sup> July, 2014. And same will serve the purpose of entire SEZ of 8481.2784 Ha area.  No new CETP has been proposed as a part of said clearance.
(xvi)	Periodic monitoring of coastal water shall be carried out at outfall location by the project proponent by establishing	Point noted and will be complied  Construction with respect to Desalination Plant, sea water intake and outfall system has not been started yet.



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
(xvii)		Point noted and will be Complied with
	12.50 Crore for Corporate Environment Responsibility (CER) shall be made as per Ministry's O.M. No. 22-65/2017-IA.III dated 1st May, 2018 for various activities therein. The report having activity wise detail along with the time frame shall be submitted to this Ministry and its concerned regional office within 3 months.	The report having activity wise detail along with the time frame was submitted to the MoEF&CC along with EIA / EMP Report.  Fund will be allocated and spent on yearly basis in line with the actual cost spent for respective years on development of common infrastructure facilities within 1840 Ha MSEZ area.  However, Adani Foundation – CSR arm of Adani Group is doing various Environment Sustainability Projects in surrounding villages and communities. Details of activities carried out by Adani Foundation during compliance period are as below.  EARLIER ENVIRONMENT SUSTAINABILITY PROJECTS  Miyawaki Forest Development, Nana Kapaya - Plantation of 5880 saplings of different 42 species is completed which will result in dense forest within 2 years  Smruti Van - Plantation more than 47,000 sapling with more than 115 species through Miyawaki methodology.  Ecosystem Restoration, Guneri – Grassland ecosystem restoration and mangrove conservation in 40 Ha area over a period of 4 years. The site visit and soil samplings conducted by GES team. Regular bimonthly meeting conducted to assess the annual phase wise growth of ongoing activities Multi-Species Mangrove Park - Adani Foundation at Mundra's initiated multi-species plantation of mangroves in Kutch association with GUIDE. During 2018-2019 (Phase-I) multi-species mangrove plantation was carried out in 10 ha, during Phase-II (2019-2020) it was 02 ha and during Phase III (2020-2021) it is 01 ha. During FY 2021-22, 03 ha area coastal stretches have been planted with species. During current FY 2022-23, 04 Hector plantation has been planted with various species. Total 20 Ha. multi-species mangrove plantation has been carried out till March-23 association with M/s. GUIDE.  These plantations are diligently maintained and continually monitored. Notably, these forests have evolved into a thriving habitat for various marine and migratory bird species, enriching the local ecosystem.



From : Oct'24 To : Mar'25

Sr.	Conditions	Compliance Status as on
No.		31-03-2025
		<ul> <li>Mangroves Biodiversity Park within one year</li> <li>Home biogas - Under Gram Utthan Project, Adani Foundation is</li> </ul>
		supporting home biogas to farmers to Uthhan Villages phase wise. 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.
		<ul> <li>As per SORI use of biogas each farmer can save Rs.23400/year.</li> </ul>
		Our water conservation work is as below:
		The Water Conservation Projects completed during FY 2024-25:
		WATER CONSERVATION "SWAJAL PROJECT" ENHANCING RURAL WATER RESOURCES
		<ul> <li>Adani Foundation has undertaken significant water conservation</li> </ul>
		initiatives to address water scarcity and improve water availability in rural areas.
		<ul> <li>Through the creation of 737 various water structures, the project has increased water capacity by 5,400,735 cubic meters (CUM)</li> </ul>
		and benefited 64,515 people.
		<ul><li>Check Dam New/Renovation:</li><li>Structures: 29</li></ul>
		<ul> <li>Water Capacity Increase: 1,072,332 CUM</li> </ul>
		<ul> <li>Beneficiaries: 30,870</li> <li>Impact: Enhances water storage and irrigation.</li> </ul>
		Rainwater Harvesting Structures (RRWHS):
		<ul><li>Structures: 330</li><li>Water Capacity Increase: 3,300,000 CUM</li></ul>
		<ul> <li>Beneficiaries: 1,650</li> <li>Impact: Maximizes rainwater capture and usage. Rs. 10950</li> </ul>
		yearly saved/house
		<ul> <li>Pond Deepening:</li> <li>Structures: 135</li> </ul>
		<ul> <li>Water Capacity Increase: 1,028,403 CUM</li> </ul>
		<ul> <li>Beneficiaries: 18,350</li> <li>Impact: Improves water retention and availability.</li> </ul>
		Construction of Percolation Wells:
		<ul><li>Structures: 26</li><li>Ground Water Recharge: Significant</li></ul>
		<ul> <li>Beneficiaries: 3,000</li> </ul>
		<ul> <li>Impact: Boosts groundwater levels and availability.</li> <li>Bore/Well Recharge:</li> </ul>
		<ul> <li>Structures: 209</li> <li>Ground Water Recharge: Significant</li> </ul>
		<ul> <li>Glound Water Recharge: Significant</li> <li>Beneficiaries: 1,045</li> </ul>
		<ul> <li>Impact: Enhances groundwater recharge and sustainability.</li> <li>Construction of New Wells:</li> </ul>
L		Constitution of Ivew Wells.



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		<ul> <li>Structures: 8</li> <li>Purpose: Drinking Water</li> <li>Beneficiaries: 9,600</li> <li>Impact: Provides reliable drinking water sources</li> </ul>
		<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> </ul>
		Earlier Completed Activities/Projects:
		<ul> <li>Large number of water harvesting structure (18 Nos. of check dams in coordination with salinity department) and Augmentation of 3 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> </ul>
		<ul> <li>New Pond Deepening Under Ajadi ka Amrut Mahotsav done in Goyarsama village Approx Deepening Capacity is 12000 Cum.</li> <li>Roof Top Rainwater Harvesting 145 Nos. (40 Nos. current FY 2022-23) which is having 10,000 litre storage which is sufficient for one year drinking water purpose for 5 people family.</li> <li>Recharge Borewell 208 Nos (19 Nos. current FY 2022-23) which is best ever option to direct recharge the soil.</li> <li>Drip Irrigation approx. 1505 Farmers benefitted in coordination with</li> </ul>
		<ul> <li>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> </ul>



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025			
		Check dam gate valve of more than 350 MCFT wat year.			
		Please refer <b>Annexure</b> - carried out by Adani For allocated budget for CS 2024–25 was INR 1,564 FY 2024-25.	undation in t SR activities	he Mundra for the fir	region. The nancial year
		During the FY 2023-24 Corporate Environment Plantation in 1.0 ha area Copy of the same was su Report Submission for t	Responsibili of Bhujpur \ ubmitted dur	ty (CER) pro Village Pand ing the EC	ojects Mega chayat area. Compliance
xviii)	No groundwater extraction is permitted. The project proponent shall obtain the necessary permission from the competent authority for use of surface water for the project.	Complied.  No ground water is use stage of the project. Cu GWIL and desalination consumption for entire a compliance period Oct'2	rrent source plant of A APSEZ area	s of water .PSEZ. Ave is 5.40 MLI	are through rage, water
(xix)		Complied.  Consolidated Consent from SPCB for develop area @ Mundra. The probelow.	ment of 84	81.27 Ha r	otified SEZ
	from time to time.	S. No. Permission	Project	Ref. No. / Order No.	Valid till
		CTE-Amendment for Validity Extension	Multi- Product SEZ	CTE - 122249	15.07.2025
		2 (CC&A) – Renewal Cum Amendment renewal	Multi- Product SEZ	AWH - 122250	21.08.2027
		ToR to CTE	Industrial Park/ SEZ (1576.81 Ha)	CTE-79275	27.01.2032
		GPCB has granted CTE-	Amendment	for Validit	y Extension



From : Oct'24 To : Mar'25

Sr. No.	Conditions			*	Status as o	on	
		Consent Amendme 122250 Va Consolidat Cum Ame	& Au nt rene llid upte ted Cor endmen	249 Valid u thorization wal order g o: 21/08/20 nsent & Au	pto: 15/07/2 (CC&A) ranted vide 27. Copy of thorization bmitted du	– Renewa Consent No CTE-Ameno (CC&A) – R	I Cum D. AWH- Iment & Renewal
		CTE for th expansion	e deve projec o: 27/0	opment of t of 8481.	E for GPCB 1576.81 Ha 2784 Ha vi e copy of o	SEZ/IP as a de CTE No	part of 79275
			in lin	e with H	enerated fro azardous a		•
(xx)	(xx) The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in	project sit covering carried or authorized Research duration fo	e and upwing through the throu	outside production outside produ	ering one lo oject site @ onwind direct L accreditect M/s Unistan opi. Summan '25 is mention	an angle of the control of the control of the same of the same oned below	of 120°) e being DEF&CC ent and ame for
	reference to PM emission, and SO2 and NOx in reference	Paramete	Unit	Min.	Max.	Avg.	Perm. Limit
	to SO2 and NOx emissions) within and	PM <sub>10</sub>	µg/m	42.00	84.46	64.41	100
	outside the Industrial area at least at four	PM <sub>2.5</sub>	µg/m	14.61	39.90	25.60	60
	locations (one within and three outside the	SO <sub>2</sub>	µg/m	8.68	25.30	15.87	80
	plant area at an angle	NO <sub>2</sub>	µg/m ³	11.73	29.60	19.92	80
	of 120° each), covering upwind and downwind directions.			Values reco	<sup>\$</sup> as p rded confirms to	er NAAQ standa the stipulated	
	downwind directions.	Approx. If monitoring	NR 17.2 g acti	27 Lakh is vities incl	for detaile spent for uding amb 2024-25 f	all enviror pient air	nmental quality



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		Mundra. Please refer <b>Annexure – 9</b> Environmental Expenditure details for FY 2024-25.
(xxi)	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured/recorded to ensure the water balance as projected by the project proponent. The record shall be submitted to the concerned Regional Office of the Ministry along with six monthly monitoring reports.	Mundra. Please refer <b>Annexure – 9</b> Environmental
		We have also connected roof top rainwater duct of operational building (Tug berth building within MPT) with u/g water tank for utilization of collected rainwater for gardening / horticulture purpose. Details of the same submitted in previous compliance period.
		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.



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		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. Below tabulated Water Conservation Projects completed during the FY 2024-25:
		Our water conservation work is as below.
		The Water Conservation Projects completed during the current Compliance period:
		> 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>
		<ul> <li>Check Dam New/Renovation:         <ul> <li>Structures: 29</li> <li>Water Capacity Increase: 1,072,332 CUM</li> <li>Beneficiaries: 30,870</li> </ul> </li> </ul>
		<ul> <li>Impact: Enhances water storage and irrigation.</li> <li>Rainwater Harvesting Structures (RRWHS):</li> <li>Structures: 330</li> <li>Water Capacity Increase: 3300,000 CLIM</li> </ul>
		<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> </ul>
		<ul> <li>Pond Deepening:</li> <li>Structures: 135</li> </ul>



From : Oct'24 To : Mar'25

Sr. Conditions	Compliance Status as on 31-03-2025
	<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> </ul> </li> <li>Bore/Well Recharge:         <ul> <li>Structures: 209</li> <li>Ground Water Recharge: Significant</li> <li>Beneficiaries: 1,045</li> </ul> </li> </ul>
	<ul> <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 Adami 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, Adami 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</li> </ul> </li> </ul>



From : Oct'24 To : Mar'25

31-03-2025
productivity, and contributed to water conservation and eco-friendly farming practices in the region.  Earlier Completed Activities/Projects:  • Large number of water harvesting structure (18 Nos. of check dams in coordination with salinity department) and Augmentation of 3 check dams.  • Ground recharge activities (pond deepening work for 61 ponds) individually and 26 ponds under Sujlam Suflam Jal Abhiyan were built leading to a significant increase in water table and higher returns to the farmers.  • New Pond Deepening Under Ajadi ka Amrut Mahotsav done in Goyarsama village Approx
<ul> <li>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</li> </ul>
<ul> <li>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>Please refer Annexure - 3 for full details of CSR activities</li> </ul>



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
(xxii)	Provide LED lights in their offices and residential areas.	Complied.  LED lighting are being used at various common areas of SEZ as well office buildings and residential townships.
		It may be noted that the individual industrial units will also be encouraged for provision of LED lights in their offices and other areas.
kxiii)	Used LEDs shall be properly collected	Complied.
	and disposed off/sent for recycling as per the prevailing	Used LEDs are collected and sent for recycling through authorized e-waste collection agency.
	guidelines/rules of the regulatory authority to avoid mercury contamination. Use of solar panels may be done to the extent possible. Energy conservation measures should be as per Bureau of Energy Efficiency (BEE) standards.	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.
		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.
		Energy audit of port user buildings of MSEZ (including the details about building materials and technology etc.) is carried out once every three years. The most recent audit was conducted during 18 <sup>th</sup> to 20 <sup>th</sup> Jan-2022 by M/s. ECO ENERGY SOLUTION and report of the same was submitted to Chief Electrical officer, Gandhinagar. The Energy Audit report was submitted during the half yearly EC compliance report for the period Oct'21 to Mar'22.
		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



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
		VOC free paint used certified by CII (Certificate of Indian     Industrial)
		<ul><li>Industries)</li><li>Water flow reducer installed in the entire building</li></ul>
		• Water now reader installed in the entire balloting
		It may be noted that the individual industrial units will also be encouraged for taking various initiatives with respect to energy conservation (such as LED lightings, installation of renewable energy sources, utilization of energy efficient fixtures etc.).
xxiv)		Complied.
	have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for Standard Operating Procedures (SOP) to have proper checks and balances and to bring into focus any infringements/ deviation/violation of the environmental/ forest/ wildlife norms/conditions. The company shall have defined system of reporting infringements/ deviation/ violation of the environmental/ forest/ wildlife norms	Environment Policy duly approved by the Board of Directors is in place and updated copy of Environment Policy was submitted during the EC compliance report submission for the period Apr'23 to Sep'23.
	/conditions and/ or	
	shareholders/stake	
	holders. The copy of	
	the board resolution in this regard shall be	
	submitted to the	
	MoEF&CC as a part of	
	six-monthly report.	
(xxv)	A separate	Complied.



From : Oct'24 To : Mar'25

Sr. No.	Conditions	Compliance Status as on 31-03-2025
	Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	M/s APSEZL has a well-structured Environment Management Cell, staffed with qualified manpower for implementation of the Environment Management Plan at site. Site team report to site Chief Executive Officer (CEO) and the CEO directly reports to the top management. The updated Environment Management Cell Organogram -was submitted during the EC compliance repot submission for the period Apr'24 to Sep'24. And there is no further change.
xxvi)	-	Will be complied.  The last self/internal environment audit was carried out by HO Environment Team on 8 <sup>th</sup> to 10 <sup>th</sup> May, 2023 for the period Apr'22 to Sep'22 compliance period. The Copy of the same was submitted along with EC compliance report submission for the period Apr'23 to Sep'23.
		No nonconformity is observed during internal self- environment audit and as per improvement suggestion for timely conducting the mangrove mapping study by GUIDE has been done during the compliance period Apr'23 to Sep'23. Please refer condition no. iv of EC & CRZ compliance report for further details.
		Third party environmental audit was carried out by recognized agency M/s. Marwadi University, Rajkot a GPCB approved schedule-1 auditor for the compliance period Oct'22 to Mar'23 and no non-compliance found during EC compliance verification. The copy EC compliance letter with GPCB order for schedule-1 auditor was submitted along with EC Compliance report submission for the period Apr'23 to Sep'23.
		Next external environment audit will be carried out after three years in line with the stipulated condition.

# 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)

24

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

### Legal Matters- Mudra: May 2025

S.No	Case Detail (No., Parties to the Case, Filed at and on)	Case Brief (Matter)	Last Status (As on 16.5.2025)	on 16.5.2025	Obligation (if any)	Action Taken/Proposed	Remarks (Here we can mention the updates that happened during the intervening period. Depending upon what you need to disclose i.e Comprehensively/brief))
1	SLP 28788 of 2016 Pravinsinh Bhurabhai Chauhan Vs State of Gujarat & Others  Petitioner 1. PRAVINSIN GH BHURABHA CHAUHAN  Respondent 2. State of Gujarat 3. APSEZ 4. MoEF&CC, New Delhi	<ul> <li>Public Interest         Litigation was         filed before the         Hon'ble Gujarat         High Court by         Mr. Pravinsingh         Bhurubha         Chauhan         alleging,         presence of         Sand dunes in         the APSEZ         project area.</li> <li>APSEZ has         submitted its         representation         that no Sand         dunes are         present in the         project area and</li> </ul>	Awaited (last listed on 14.9.2018)	Matter pending Hon'ble at Supreme Court.		<ul> <li>APSEZ has already submitted as part of their submission to the Committee that there are no presence of "Sand dunes", in APSEZ area, inline to the authenticated maps &amp; report available for this area.</li> <li>The Committee visited Mundra on January 3 &amp; 4, 2018 and the core issues to be examined by the Committee were (i) whether sand dunes are allotted in the forest land and whether APSEZL has destroyed/disturbed</li> </ul>	

5. MOC&I,	same was also	them and (ii) whether
New Delhi	verified during	measurement of land
6. Collector,	the site visit	was wrongly done? The
Bhuj	carried out by	Sunita Narain committee
7. Principal	the Committee,	filed its report in the
Secretary,	constituted by	Hon'ble Supreme Court
Gujarat	Collector, Kutch	of India on 14.9.2018.
	on 25.07.2014	• The Committee heard
	and by Regional	representations from
	Office of	both the parties and
	MoEF&CC,	concluded that the term
	Bhopal on	"Dhuva" is not
	25.09.2014.	synonymous with
	• Hon'ble High	shifting sand dune. The
	Court of Gujarat	Committee concluded
	had dismissed	that there is no
	the PIL filed by	incontrovertible
	the Petitioner,	evidence that Mor Dhuva
	vide their order	was a sand dune and it
	dtd. 18.02.2015	cannot be said that M/s.
	stating that,	APSEZL violated any
	"There is no	conditions of the
	need of	Environmental
	constituting a	Clearance. With regards
	new committee	to the issue of
	to look into the	measurement of land, the
	alleged	Committee stated that
	violations as	there was no credible
	there is already a	evidence to show that
	committee	Mor Dhuva was not part
	constituted by	of the allotment to
	the ministry and	APSEZ and all
	a report by the	measurements were
	same committee	done appropriately.

has also been
submitted"
Later on Special
Leave Petition
was filed in
Supreme Court
by the Petitioner
vide dated
26.10.2015
against the
above said order
of the Hon'ble
High Court of
Gujarat
In view of above,
Hon'ble
Supreme Court
vide their order
dated
23.08.2017, had
requested the
earlier formed
Sunita Narayan
Committee to
relook in to this
matter and
submit their
report.
Committee had
visited the site
on 3/4.01.2018
and has
submitted their
detailed report

2. Kheti Vikas Seva Trust Vs Uol & Others CA 9124 of 2011 in WPPIL 12 of 2011	petition has been dismissed by the Gujarat High Court on 17th April 2015.  The Hon'ble Supreme Court of India on 18.3.2016 dismissed the appeal against	N.A	Matter pending before Gujarat High Court (not listed since 2021)	•The committee of Mr. Claude Alvaris, Mr. Subrata Maity and Deputy Conservator of Forest, kachchh was appointed and the committee submitted its report on 7.6.2016. The committee suggested various measures like replanting of mangroves in 5333 ha area, GCZMA to re-examine the entire	
	of India on 18.3.2016 dismissed the			committee suggested various measures like replanting of mangroves in 5333 ha area, GCZMA	

alleging	non-	that it has exceeded its	
compliar		terms of reference and	
an order		APSEZL has already done	
Gujarat	HC	mangrove reforestation	
dated 12		and is in compliance with	
2011 pro		the Environment	
the cut		Clearance dated	
mangrov	_	18.9.2015. the Sunita	
other	forests	Narain Committee	
during	the	recommendations have	
pendend		already been captured in	
petition		the EC conditions and	
without		the company is in	
permissi	on of	compliance of the same.	
the state	e forest		
and			
environn	nent		
departm	ent in		
relation	to the		
writ p	etition.		
The sai	d Writ		
Petition	before		
the	Gujarat		
High Co	urt has		
been d	sposed		
of by c	ommon		
order	dated		
05.09.20	022.		
Further,	a Civil		
Applicat	on No.		
1 of 201	1 in CA		
9124 o	f 2011		

was filed		
against APSEZ		
and APL for		
initiation of		
contempt		
proceedings.		
• The court		
ordered the CA		
to be listed with		
another matter		
(WPPIL 121 of		
2021)		

## Annexure – 2

#### **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 – 3



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

# TABLE OF CONTENT



#### **CSR HAZIRA**



**Environment Sustainability** 

Education

Sustainable Livelihood

Development

**Community Health** 

**Community Infrastructure** 

Development

**Events** 

Awards & recognition

**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

ALCOHOL: NAME OF THE OWNER, OW			
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"





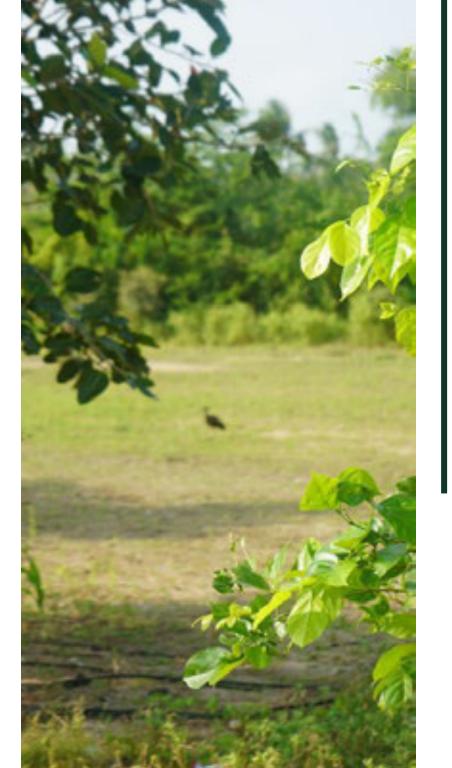




# CLIMATE

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 precised 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	Асге	Total plants
1	2021-22	Nana Kapaya	2.5	5880
2	2022-23	Partappar	6	23388
3	2023-24	Rashapir	3	5350
4	2023-24	Moti Bhujpur	3	8000
5	2023-24	Desalpar	4	10000
6	2024-25	Nani Khakhar	2	800
7	2024-25	Dhrub	3	5150
8	2024-25	Nani Khakhar	2.5	7006
9	2024-25	Pipari	3	10005
10	2024-25	Borana	4	10304
11	2024-25	Khavda	1	1120
12	2024-25	Sanghi	1	1300
		12 Adani Van	35	88303



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

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



#### **Biodiversity Enhancement**

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



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

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



#### **Plantation Achievements**

Total Plants:

88,303 across 35 acres

Native Species:

70+ species planted









#### HABITAT CREATION

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.

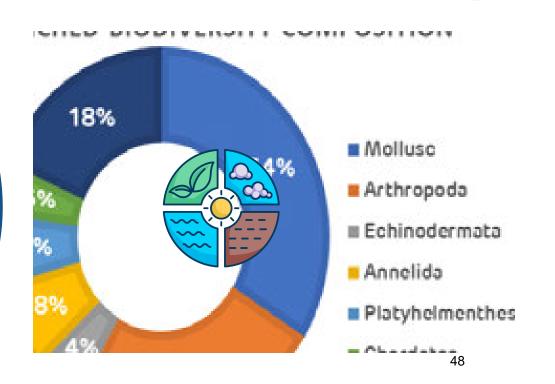
#### CARBON SEQUESTRATION

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



Green School Project

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

03



#### 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.

#### **Pond Deepening**

Structures: 135

• Water Capacity Increase: 1.028.403 CUM

Beneficiaries: 18,350

• Impact: Improves water retention and availability.



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



12,000+ student's life positively impacted





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

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

### Objectives:



Mainstreaming progressive learners

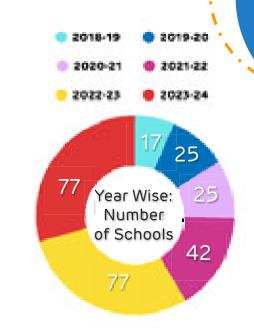


Creating joyful learning spaces

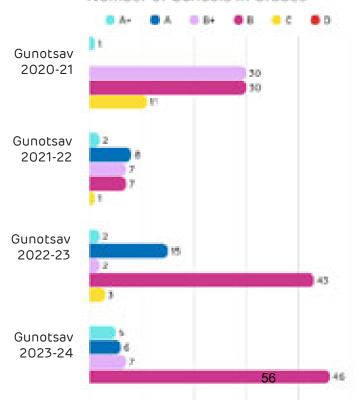




Mothers as catalyst in transformation



#### 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



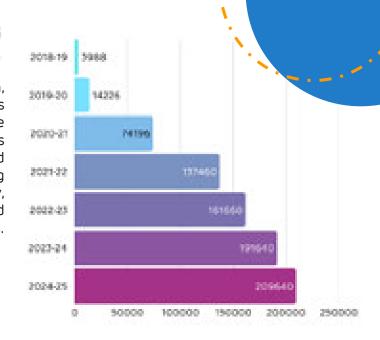
To enhance digital literacy, we introduce "IT On Wheels," a program designed to equip students with essential digital skills crucial for the 21st century. This initiative ensures that students are proficient in using technology, preparing them for future challenges.

### 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

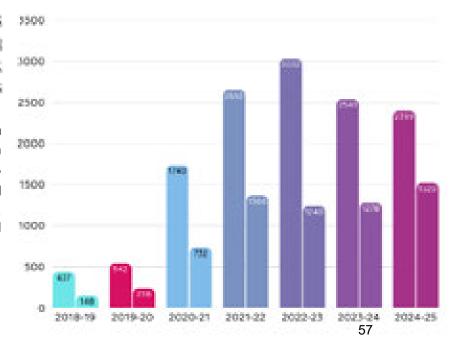


#### Progressive Students :Strengthening foundational literacy, numeracy and skills

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

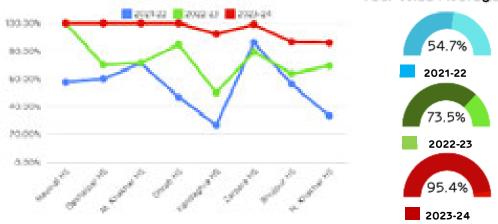
### High School Result Comparison

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



# AVMB: A Year of Outstanding Achievements



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



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





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



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



1171

students who have embarked on their journeys through AVMB









# 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

67

## 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.

## 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.



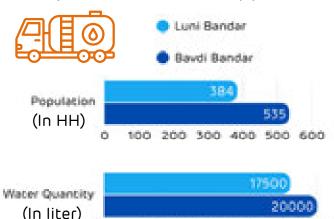
## Potable water Distribution:

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:



15000 20000

## 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.



#### **Renewable Energy Source**

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

#### **Cost Savings**

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

#### **Waste Management**

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

#### **Environmental Impact**

Biogas reduces greenhouse gas emissions, 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

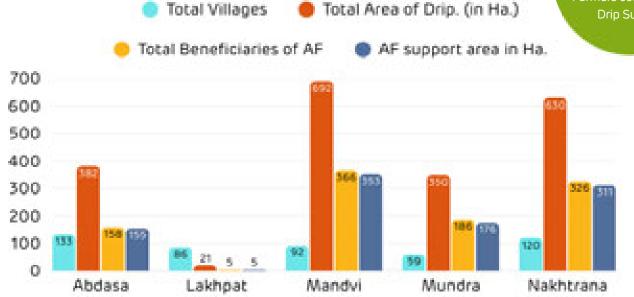
Geographical coverage in Kutch



## 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 SHOW/JUNFPC's	Income 2023- 24 (INR)	Cumulative income (INFC)
Sonal Saheti	338700	3378700
Sanitary Pad Saheli	25,600	282,266
Tejasvi Saheli	149200	4,454,250
Umang Saheli	54300	291100
Madhay Saheli	39600	549200
Soof Saheli	92000	153000
Meghadhanysh Sahati	458000	685090
Saheli Swa sahay Juch	105425	902850
Radhe Saheli	44500	924918
Shrddha Sahali	2600000	5179000
Chamunda Saheli	26900	1755700
Food Sister Sahlei	1755700	2640200
Jyot Saheli	44199	89199
Pantjanpir gay Sahali	467000	1658000
Total	6201124	75 443473

## "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.



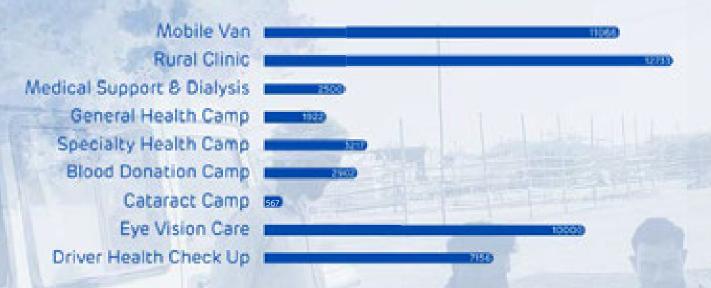
**Rural Clinic** 







## **Our Service**



## Adani Hospital Mundra Pvt. Ltd.

OPD IPD TOTAL
43183 2419 45602



## Mobile Health Care Unit

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

11,066 patients benefited



#### **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









## 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







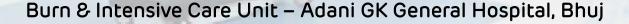
# Facility Highlights of Burn Care Center

- 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"







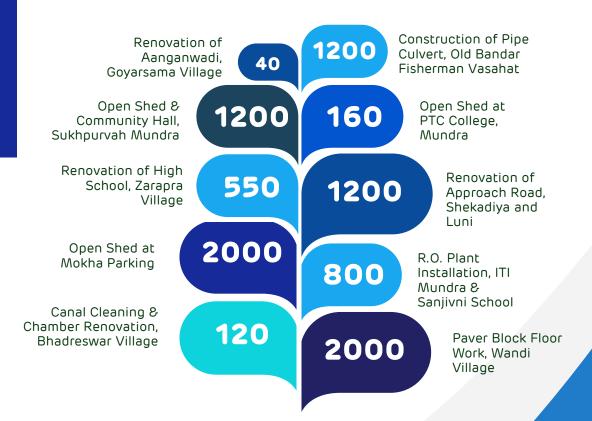


# Community Infrastructure Development



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







	Government Scheme Facilitation								
Sr. No	Scheme Detail	Gov. Support Rs/Month.	Total Beneficiaries	Total Amount per Month (INR)					
1	Widow Pension	1250	762	24785100					
2	Bal seva Ayog	2000	49	3430000					
3	Divyang pension	1000	35	670000 4163000 696000					
5	Niradhar Pension	1000	160						
6	Palak Mata Pita	3000	5						
7	Bus pas	Free ST	481	and and the con-					
8	Divyang Govt sadhan sahay	14.1	175	-					
9	Divyang certificate	1940	667	20					
	Total		2334	38944100					

## 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.

## Till date endeavor

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 – 4



## 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	Land Use Chang						
1.1	It is predicted 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	Level - 1	APSEZ has developed two townships (Shantivan and Samudra) presently accommodati ng 1668 households. Necessary permissions from concerned authorities were already obtained for the development of townships	The existing townships will be expanded to accommodate about 4 lakh people when the APSEZ is fully developed.	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 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
	development leading to poor sanitation and proliferation		and Associated infrastructure facilities.				requirements and associated facilities.  The existing social infrastructure facilities are 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



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
			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.



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
			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.				
1. 3	Due to conservation and protection of mangroves in the designated conservation area, it has been predicted	Positive Impact with ecologi cal benefits	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)	a Impact & ma Magnitud pla e1 or ad AF pe cla ap	nvironment lans adopted r being dopted by PSEZ as per ermits, learances, pplicable egulations nd guidelines tc.	Additional Risk Mitigation Measures/ESMP	Responsible agency	Timeframe for implementation	Compliance
that the current mangrove footprint area would marginally increase in next 1 years due to natural growth. This will enhance the overabiodiversity in the local coastal econsystem.	a a a a a a a a a a a a a a a a a a a	mangrove efforestation ectivities in en area of more than 2800 ha at various ocations ecross the coast of Gujarat state n consultation with various organizations				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 – 2.  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



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				
							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 (309 ecommendation plativities.	from 20 <b>%).</b> ons an an, Af	011 (2094 d NCSCM



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	Comp	oliance	
							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>



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
							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):



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	Comp	bliance				
									Mangr ove mappi ng	Mangr ove cover total	CO Inc	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		the tidal as similar to ta, Navinal,



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	
							3. Removal Algal a Prosopis growth fro mangrove areas	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
							4. Awareness of mangroves importanc in surroundir communities	Adani Foundation – CSR Arm of Adani group has done awareness camps/activities created in the community regarding importance of mangroves. Adani Foundation provides Good Quality dry and



S. environmenta No. I and social impacts for the fully developed scenario (year 2030)	Impact & m Magnitud pl e1 or ac Al po cl ag	invironment nanagement islans adopted or being dopted by NPSEZ as per permits, elearances, pplicable egulations nd 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 – 3.  To comply with the GCZMA recommendations regarding mangrove monitoring at every 2 years, presently APSEZ has awarded the work order to



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
							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. 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
	other natural processes.		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.



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			
							The details of interval time) summarized in t	recorded from		
							Perio Name	Average Shoreline	Shoreline C	Change(M)
							d of the	Change(M/Y ear)	Maximum Accretion	Maximu m Erosion
							2015- West 2022 Faster	-11.43	39.86	-78.68
							n side	-26.60	191.32	-165.19
							The Shoreline GUIDE was s compliance rep	ubmitted alon	g with six	x monthly
							Shoreline chang MS, Chennai (N part of Waterfr EIA study. The s	ABET accredite ont Developme	d consultan nt Project –	t) also as a Expansion
							To estimate the approved wate shoreline changusing the satel 2018. In order the shoreline,	front developr ge assessment lite imagery fo o avoid any ma	nent plan, a has been o r a period o jor errors in	historical undertaken of 2008 to estimating



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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



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
	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			l a company of the co
	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				



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
	possible .		estimated to				
	increase in traffic		be about 16,000				
	congestions		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 been imparting Driver Training Programs to	APSEZ can undertake technical feasibility of implementing Intelligent	APSEZ & GSRDC*	Long Term	APSEZ is being imparting the regular in-house training awareness program in different mode i.e., classroom, on-job training, virtual platform & Assessment by internal & external trainer to all drivers and employees on below topics:  ✓ Basic induction Training for drivers



S. env No. I an imp the dev sce	entified vironmenta	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>



S. environ No. I and so impacts the fully develop scenario (year 20	menta 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
						<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	1	
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.



S. environmenta No. I and social impacts for the fully developed scenario (year 2030)	Impact & ma Magnitud pla e1 or ad AF pe cle ap re; an etc		Additional Risk Mitigation Measures/ESMP	Responsible agency	Timeframe for implementation	Compliance
37,000 m3/day (@125 lpcd) in future when the area is fully grown into larger municipality due to induced economic growth. Water demand of the local communitie s is met through Narmada water supply system to some extent, but largely depending on the	Find the control of t	Adani Foundation has contributed bbout Rs. 600 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



Identified S. environmenta No. I and social impacts for the fully developed scenario (year 2030)	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	n	I		I	
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.



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			APSEZ and other two power plants				Locations: 1	•		15 + AP	L – 3 inc	luding 4
			are monitoring				Frequency:			00		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				SO <sub>2</sub>	µg/m³	7.15	34.01	19.13	80
			GPCB/CPCB 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				Approx. INF environment 2024-25, w monitoring f Other indus requisite pe for their re environmen comply with	s recorded  7 17.27  Tal monit  Thich also  For overal  Tries loca  Trmissions  Spective  Tal monit  The per	confirms  Lakhs is  coring a  o includ  I APSEZ  ted with  s from the  plant a  toring v  rmission	is spent of the state of the st	by AP. during bient air  EZ have of etent au also car neir pren d. The sa	SEZ for the FY quality obtained thorities ried outnises to ome has
			installed continuous emission and				been ensure regular vi visits/inspec	isits. A	PSEZ	carries	out	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 – 10.  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/ 150 18.86 32.11 22.41  Nm³ 150 18.86 32.11 22.41  NOx 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>



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	Any increase in noise levels beyond three decibels from the background levels would be perceived as noise nuisance (USEPA)7.		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.			basis.  The noise (Oct'24 to Locations: Frequency  Noise  Day Time Night Time  Approx. If environme 2024-25, monitoring it can be surroundin All other in	Mar'25) a  18 Nos. Conce in  Unit  dB(A)  dB(A)  NR 17.27  ntal more which a gror over ults are we inferred a communications.	a month of Leq Min 69.30 66.40 Lakhs included in lateral within that the unity.	24 hour Leq Maxn 47.90 38.70 \$ as p stivities des amb Mundra the star ere no	y) Leq Avr. 63.36 59.61 er GPCB by Af during pient ai . ndards. I	Leq Perm. Limit <sup>\$</sup> 75 70 standards PSEZ for the FY r quality From this on the
			designated noise				monitor a					•



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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 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 date	Efforts shall be made to recycle complete treated wastewater for port operations and industrial operations of APSEZ in future based on a detailed technoeconomic feasibility study.	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.  Presently entire quantity of treated water from CETP is used for gardening / horticulture purpose within APSEZ premises.
			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 use (to remove Presently in a month namely M Pvt. Ltd., reports of concerned The maring six month Locations Frequence	Marin th by N th/s. U Vapi of the d auth the wat this (Oct	e monit IABL and nistar El for APS same orities de er qualif '24 to N	t), is a oring d MoEnviron SEZ & are to regular'25)	Illowed is bein F&CC ment a APL to eing ular ba nitorin is as p + API	g carr accre and Re both. submi sis. g sum per be	ied ou dited a esearc The a tted	sea.  It once agency th Labs nalysis to the
				hazard category industry within APSEZ shall			TEST PARAM ETERS	UNIT		itive Su	rface		llative E	
				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 beep sead of the sead of th	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.



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7	Groundwater	uality and sa	plant outfall 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.	mangrove areas 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 GPCB.			Marine monitoring is being carried out once in a month 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. Summary of marine water for the last six months is as mentioned above.  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 such areas.
7	Groundwater q	uality and sa	linity ingress				



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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 – 11</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 – 12</b> .



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	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



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		possibility of salinity ingress due to APSEZ development is not envisaged. Mundra and Anjar blocks fall under fresh water to medium salinity zones. It can be observed that little variation was observed in the ground water salinity levels from year 2013 to 2016 across the Mundra and Anjar blocks. This aspect confirms				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	All Concerned Stakeholders, District Administratio n and CGWB*	Continual Process	ingress prever canal project, implement above the project is Under this proving 180 villages with this will sign ground water of APSEZ (9 Local (5 Locations – sampling and of to the regulator	Govt.  out 820 at var  ject ab  iiii be b  ificantly  esource  ations –  quarte  eports  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 posted that has posted the pression.  by) & Adani ying out gree are being regular base and war	roposed to er canal and ementation. In about of the contract on the Power Ltd. Tound water g submitted sis.
				quality monitoring as per the			as below. Nos. of Location	on: 09	Min	Max	<b>A</b>
				environmental							Average
				clearances			рН @ 25 ° С		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					
8.	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



material, construction noted by the determinant of the state of the st	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
re facilities, these wastes will enter into environmen t and would pose long		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			there by avoiding ecological			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 <b>Annexure – 13</b> .  APSEZ is being done proper solid waste management in his operational area with 5R principle as per Waste



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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.	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. en No. I a im the de	entified nvironmenta and social npacts for ne fully eveloped cenario 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
th ar Ai di of ef in m er t	idjacent to he APSEZ irea. Accidental lischarges of industrial effluents narine environmen would acce certain ecological isk.		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>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.</li> <li>b. Tidal observation in creeks in and around APSEZ – The cost of the said activity was INR 1.0 Lacs incurred by APSEZ.</li> <li>c. 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 – 2.</li> <li>d. 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	on of mangro	ves:	
			Plantation' scheme in the area as				Mangrove mapping Year	Monitoring Agency	Mangrove cover total Area (Ha.)		ove cover ncreased
			an alternative							Нас.	%
			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 A Ha) is 629 H of GCZMA reconservation following ac	PSEZ from 2 a (30%). ecommendat n action p	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. %  Year Area (Ha.) Hac. %



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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 experien adequat mangrov • The cos	tions at to 2017 ata, Navina creeks of NCSCA served ti that to the for the res.	loca in al, Boch under A. dal ra :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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							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 - 2.  4. Awareness of mangroves importance e in surrounding communities  g communities  es  Adani Foundation – CSR Arm of Adani group has done awareness camps/activities created in the community regarding importance 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 15,74,250 Kg Green – 51,66,805 Kg.  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.



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							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 – 3.  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	M	ax		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
			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 indicates the	the cor	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/g SEZ Industri	aking <sup>.</sup> reenbel	measure t develo	es/ steps opment. A	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>



1.0	gistics	ı	T		1	1	
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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></ul></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> </ul>
							<ul> <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. Identified environme No. I and socia impacts fo the fully developed scenario (year 2030)	Magnitud r 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
Similar tremmight continue in future due induced economic growth in tregion.	to					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.



S. No. 1	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
	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> <li>Specialty Health Camp</li> <li>It is organized to support focused medical care to rural communities through consultations</li> </ul>
							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.



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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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	Due to essid						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.
10. 5	Due to rapid economic development in the region, several employment opportunities can be generated to the local people.  When the area is fully developed by the end of 2030, the working population of the Mundra taluk would increase from		APSEZ has been giving preferences to people from Gujarat for providing employment opportunities based on eligibility and skills. In Mundra, special programmes have been conducted by Adani Foundation to enhance the employability of youth from fisherfolk	APSEZ is committed to provide support for fishermen livelihood activities and has submitted a detailed 5 years plan to MoEF&CC with a total budget of Rs.13.5 Cr.	APSEZ	Short Term	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  ★ 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.



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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> <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>
							❖ Job opportunity
							<ul> <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 – 14</b> .

# Annexure – 5

## REGIONAL LEVEL POLLUTION RESPONSE EXERCISE REPORT

## OFF VADINAR ON 14-15 OCT 24

## TABLETOP EXERCISE- 14TH OCT 2024

Below team members participated in Tabletop exercise organized by ICGS Vadinar at Hotel Vishal International, Jamnagar on 14th Oct-24:

- 1. Vikram Pratap Singh Radio Officer
- 2. Ramdas Pawale Marine Diver

## AT SEA PR EXERCISE- 15TH OCT 2024

Venue: Off Vadinar

Exercise conducted by: Indian Coast guard

## Resource agencies and stake holders involved:

- 1. M/S Adani Port & SEZ, Mundra
- 2. Indian Oil Corporation LTD, Jamnagar
- 3. M/S Nayara Energy LTD VOTL, Vadinar
- 4. M/S Reliance Industries LTD, Sikka Jamnagar
- 5. M/S Essar Bulk Terminal, Salaya

## Manpower Attendees:

- 1. Capt. Prasoon Roy Marine Pilot
- 2. Ayush Jha SPM Maint. (Assist. Manager)
- 3. Mr. MP Choudhary Diving In charge
- 4. Vikram Pratap Singh Radio Officer
- 5. Yugul Kishor Sharma Mooring Master
- 6. Pradeep Pandey Supervisor
- 7. Shashikant Padave Tanker Seaman
- 8. Narayan Tamhankar Tanker Seaman
- 9. Dhruvas Patekar Tanker Seaman
- 10. Monu Rai Tanker Seaman
- 11. Santosh Rasam Tanker Seaman
- 12. Sandeep Kumar Diver
- 13. Som Kumar Diver
- 14. Ajay Kumar Diver
- 15. Suresh Kumar Diver
- 16. Khagendra Dewangan HMEL
- 17. Shashi Kumar HMEL/VIRAJ
- 18. Kuldeep HMEL/VIRAJ
- 19. Pavan Sharma HMEL/VIRAJ
- 20. Kulbir Singh HMEL/VIRAJ
- 21. Sunil K Maurya Sea Care
- 22. Rakesh Kumar Sea Care
- 23. Swapnil Sutar Sea Care
- 24. Sunil Gupta Sea Care

## Tugs & Crafts

- 1. Dol 11 Crew with Master
- 2. Tug KB 48

## Statement of facts

**0500 hrs.:** Tug KB 48 left SPM & started proceeding to Vadinar for exercise.

**0548 hrs.:** Tug Dol 11 with crew and attendees left for Vadinar for Regional Level Pollution Response exercise from Ro-Ro pontoon.

**0642 hrs.:** Tug Dol 11 informed Vadinar Port Control that Tug Dol 11 & Victor will be entering Vadinar port limit for Regional Level Pollution Response exercise.

**0700 hrs.:** Tug Dol 11 arrived at coast guard given position.

**0710 hrs.:** Briefing of drill carried out.

**0750 hrs.:** Informed ICG vessel Samudra Pawak (Victor1) on VHF Ch-67 that Tug Dol 11 arrived at specified location 2 cable south of 22 34.00 N 069 43.10 E. Samudra Pawak (Victor1) advised to keep watch on VHF CH 67 for further communication.

**0930 hrs.**: Tug Dol 11 communicated with ICG vessel Samudra Pawak (Victor1) for launching boom to demonstrate 'U' shape boom configuration. ICG vessel Samudra Pawak (Victor1) advised to commence launching boom.

0932 hrs.: Commence lowering boom.

**0950 hrs.:** Completed lowering boom (5 section 250 m in length).

**1005 hrs.:** U-formation of boom completed. Same informed to ICG vessel Samudra Pawak (Victor1) . Victor 1 advised maintaining position with 'U' shape boom configuration.

1015 hrs.: Skimmer & floating storage tank deployed in water.

**1150 hrs.:** The whole operation observed by ICG vessel Samudra Pawak (Victor1) and appreciated the quick and professional response from Dol-11. The Coast guard advised to start securing gears & break off from position.

1200 hrs.: Drill called off.

1205 hrs.: Secured all deployed equipment and started recovering boom.

**1235 hrs.:** Completed recovering boom and vessel started proceeding to Mundra. Same informed to Vadinar port control and ICG vessel Samudra Pawak (Victor1).

**1240 hrs.:** Debriefing of drill carried out.

1400 hrs.: Dol 11 arrived Mundra port. Tug KB 48 arrived at IOCL SPM.

## Tabletop & Drill Exercise Snap - 14th-15th Oct 2024

## TABLETOP EXERCISE AT HOTEL VISHAL INTERNATIONL, JMANAGAR ON 14<sup>TH</sup> OCT 2024

Tabletop exercise





## **DRILL EXERCISE OFF VADINAR ON 15 OCT 2024**

Initial debriefing of drill







Lowering boom (5 section 250 m in length)

U- formtion making in progress





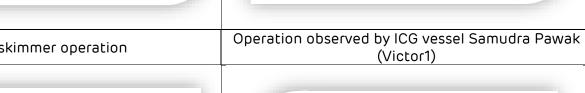
U-formation completed



Floating storage tank deploying



Brush skimmer operation





Commence recovering of boom



Completed recovering of boom





# APSEZL Mundra PR Team on Tug Dolphin -11

# Annexure – 6

## MOCK DRILL POLLUTION RESPONSE TRAINING/EXERCISE- 2025 REPORT 06 FEB 2025

<b>Date</b> : 06 Feb 2025	Exercise: PR Exercise		
Name: Mr. Saket Kumar	Position: Radio Officer		
Contact Number: 7874604321	Location: APSEZL, Mundra		

## Date: 06 Feb 2025: Final Planning of Exercise

0900-1030~hrs: Pre Exercise briefing carried out at SPM Store to all participants of APSEZ Mundra .

Date: 06 Feb 2025 - Mock OSR drill

# Location- Near MICT TURNING CIRCLE (22° 44.63'N 069° 43.1' E)/APSEZL, Mundra

## **Drill Activity Timeline:**

- 1100 hrs.: Tug KB 48 reported to Marine Control and Dol 11 that an Oil patch observed in MICT Turning Circle.
- 1101 hrs.: Marine Control informed Marine HOD/HOS and all concerned departments.
- 1102 hrs.: Dol 11 was informed to pick up OSR team from RORO and proceed to sight immediately.
- 1115 hrs.: Dol 11 reached on site and commenced boom deployment.
- 1015 hrs.: Informed commercial team (Mr. Jagdish Rabadia), environment cell (Mr. Radhe Shyam Singh) and Liquid Control Room by Mr. Sudhakar Singh about the drill/incident to be in immediate readiness.
- 1120 hrs.: All vessels and crafts movements suspended in effected area.
- 1125 hrs.: Marine Control informed Tug Dol 17 & 18 to standby with OSD for spraying.
- 1130 hrs.: Marine Control informed Barge BB-10 along with Tug Dol 10 to be stand by.
- 1130 hrs.: Security department were informed to allow entry of authorized persons, emergency vehicles without any delay and OHS/Adani hospital to be on alert.
- 1145 hrs.: Dol 11 informed that spill is spread in an area of around 35-50  $m^2$ .
- 1200 hrs.: Dol 11 reported 150m boom deployed and continued to deploy the remaining 100 meters and reported wind Ely 5-6 knots.

- 1215 hrs.: Dol 11 reported 250 m boom deployment completed and commenced J-formation.
- 1245 hrs.: Dol 11 reported J-formation completed, and oil containment is in progress and commenced skimmer deployment and this is HSD so it is volatile in nature, hence deploying resources to contain.
- 1255 hrs.: Liquid team informed Marine Control that the motor pump and other equipment is standby at RORO.
- 1305 hrs.: Recovery of 50 Ltrs spilled oil completed.
- 1310 hrs: Recovered oil stored in Drum.
- 1315 hrs.: Drill called off and at the same time informed all concerns.
- 1320 hrs.: Boom recovery started.
- 1325 hrs.: Area assessed by diving team for recovered oil and confirmed all clear.
- 1330 hrs.: Informed environment team for water sampling of spillage area.
- 1345 hrs.: Environment team informed that area is clear of oil and no harm for sea.
- 1345 1415 hrs.: De-briefing carried out onboard Dol 11.

## Personnel & Boats Participated in Drill

- 1. Capt. Hemant Dhruv-APSEZL
- 2. Capt. Prasoon Roy-APSEZL
- 3. Ayush Jha-APSEZL
- 4. Yugul Kishor Sharma-APSEZL
- 5. Ramdas Pawale-APSEZL
- 6. Shubham Sonagara-APSEZL
- 7. Meet Patel-APSEZL
- 8. Saket Kumar APSEZL
- 9. Vikram Pratap Singh-APSEZL
- 10. Prem Kumar Pabbisetty-APSEZL
- 11. Abhishek Panda-APSEZL
- 12. Shubham Agre-APSEZL
- 13. Radheshyam Singh-APSEZL
- 14. Javesh Parmar-APSEZL
- 15. Harsh Parmar-APSEZL
- 16. Members from M/s Sea Care 02
- 17. Crew of Tug Dol 11
- 18. Crew of Tug KB 48
- 19. Tug Dol 10 17 and 18.

## **Drill Performance Monitoring:**

SI. No	Activity	Time Taken
1.	Time taken to shift OSR	NA / 200-meter Fence boom and
	equipment from SPM Store to	1- skimmer is kept 24 x 7 on Tug
	load on DSV tugs	Dol 11.
2.	Time taken for Tug cast off from	NA
	time information given.	
3.	Time taken from tug cast off to	NA
	Reach at Location.	
4.	Time taken for deploying 250-	30 min.
	meter boom and skimmer after	
	reaching at site.	
5	Time taken for J/U formation and	11 min.
	deployment of skimmer.	

## Observations:

SR. NO	POINTS	ACTION TAKEN	TARGET DATE	RESPONSI BILITY	REMARKS
1	Internal communication between Dol 11 and KB48 should be streamlined.	Point discussed during de-brief	10.02.2025	Dol 11	
2	The Boom laying area to be clear of obstruction	Point discussed during de-brief	10.02.2025	Dol 11	
3					

## Pre Exercise Briefing - 06 Feb 2025

Pre Exercise briefing at SPM Store



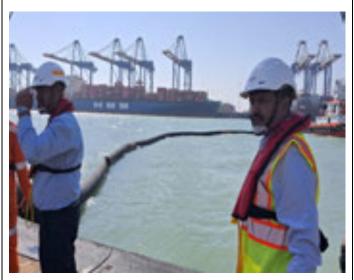


## PR Drill snap - 06 Feb 2025

Boom laying from Tug Dol 11



J formtion making in progress

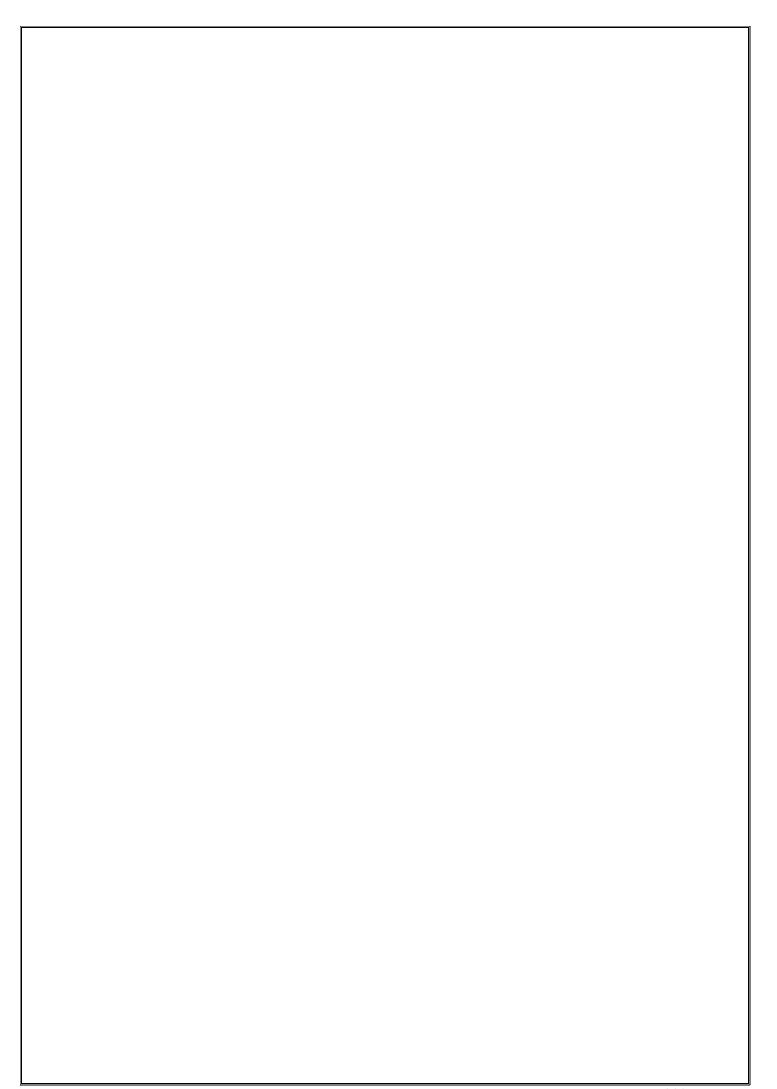






De-briefing onboard Dol 11





# Annexure – 7



### **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 DISTURBED 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 – 8

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

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

GICHMARIET ACCIDITION DIA & GW Consultant Organisation

GPCB Recognized Environmental Auditor (Ich-II) Certified 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 5003; 2015 150 45001; 2018 Certified

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

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



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

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750 9003; 2015 150 45001; 2018 Centified

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

				PUB	ADANI HOU	JSE STP OU	TLET		GPCB	
SR.NO.	TEST PARAMETERS	UNIT	Jar	n-25	Feb	-25	Ma	r-25	Permissible	TEST METHOD
	PARAWILTERS		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: g. NABL USQ/EE 17025-2017(Assertment Testing Laboratory (TC-15345) \$2.05.3625 to 22.09.20243

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750 9003; 2015 150 45001; 2018 Centified

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

				SAMUI	NDRA TOW	NSHIP STP (	<del></del> OUTLET		CDCD	
SR.NO.	TEST PARAMETERS	UNIT	Oct	:-24	Nov	<i>ı</i> -24	Dec	c-24	GPCB Permissible	TEST METHOD
	PARAIVIETERS		09-10-2024	24-10-2024	13-11-2024	23-11-2024	05-12-2024	25-12-2024	Limit	
1.	рН @ 25 ° С		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



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

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150 9003; 2015 | 150 45003; 2018 Centified

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

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

Reset

Mr. Nilesh Patel Sr. Chemist

CULIARAT

Mr. Nitin Tandel **Technical Manager** 



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-15345) \$2.05.3625 to 22.09.20243

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750 9003; 2015 150 45001; 2018 Centified

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

				1	North Gate	STP OUTLE	T			
SR.NO.	TEST	UNIT	Oct	:-24	Nov	<i>ı</i> -24	Dec	:-24	GPCB Permissible	TEST METHOD
	PARAMETERS		09-10-2024	23-10-2024	13-11-2024	23-11-2024	05-12-2024	25-12-2024	Limit	
1.	pH @ 25 ° C	-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



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

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750 9003; 2015 150 45001; 2018 Centified Environmental Auditor (Sch. II) Cartified Company (SNS Management System

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

					North Gate	STP OUTLET				
SR.NO.	TEST	UNIT	Jar	n-25	Feb	-25	Ма	r-25	GPCB Permissible	TEST METHOD
	PARAMETERS		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

Mr. Nitin Tandel **Technical Manager** 

CULIARAT



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 ACCIDITION DIA 5: GW Consultant Organisation

GPC8 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

			Results of A	mbient Air Qu	ality Monitor	ing		
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>	SO <sub>2</sub> μg/m³	NO <sub>2</sub> μg/m³	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



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

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

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

150 9003; 2015 ISO 45003; 2018 Cartifled

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



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

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/m³	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 DETECTE
33.	23-01-2025	73.49	28.10	18.53	23.74	0.73	2.6	NOT DETECTE
34.	27-01-2025	68.58	26.35	16.84	21.53	0.68	2.48	NOT DETECTE
35.	30-01-2025	71.24	27.51	17.46	23.58	0.72	2.54	NOT DETECTE
36.	03-02-2025	72.71	26.18	17.65	22.11	0.65	2.52	NOT DETECTE
37.	06-02-2025	76.42	28.53	19.42	24.35	0.68	2.57	NOT DETECTE
38.	10-02-2025	78.64	29.35	19.97	25.17	0.70	2.64	NOT DETECTE
39.	13-02-2025	69.53	25.93	17.11	22.64	0.63	2.55	NOT DETECTE
40.	17-02-2025	66.81	24.76	16.99	22.19	0.62	2.49	NOT DETECTE
41.	20-02-2025	70.61	26.53	17.84	23.15	0.66	2.57	NOT DETECTE
42.	24-02-2025	74.58	28.46	19.54	24.63	0.72	2.65	NOT DETECTE
43.	27-02-2025	68.75	25.11	16.79	21.36	0.68	2.59	NOT DETECTE
44.	03-03-2024	67.53	23.47	15.93	19.72	0.64	2.46	NOT DETECTE
45.	06-03-2024	70.23	25.74	18.13	22.45	0.66	2.51	NOT DETECTE
46.	10-03-2024	73.46	27.91	19.20	23.42	0.71	2.48	NOT DETECT
47.	13-03-2024	68.63	23.58	16.24	20.63	0.68	2.55	NOT DETECTI



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

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

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

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750 9003; 2015 150 45001; 2018 Centified

Name	of Location	PUB / Adani House										
	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>	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				
	ble Value as per IAAQMS	100.0	60.0	80.0	80.0	2.0		5.0				
Tes	st Method	IS - 5182, Part- 23	UERL/AIR/ SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	Gas analyzer	IS – 5182, Part – 11				

Nikunj D. Patel (Chemist)

GUJARAT

Jaivik S. Tandel (Manager - Operations)



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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	Results of Ambient Air Quality Monitoring												
Name	of Location	Adani Guest House											
	Date of			Parameter with Result	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/m³	NO <sub>2</sub> μg/m <sup>3</sup>	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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750 9003; 2015 150 45001; 2018 Centified

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/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	



Laboratory under The EPA, 1986.

(RED. 60. 2023 to 28.00.2028)

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750 9003; 2015 150 45001; 2018 Centified

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/m³	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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GPCB Recognized Environmental Auditor (Ich-II) Certified Company CRS Management System

150 9003; 2015 | 150 45003; 2018 Centified

Name	e 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/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	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)



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

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150 5003; 2015 150 45001; 2018 Certified

		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/m <sup>3</sup>	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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GCI-MARIET ACCINISTRATION DIA & GW Consultant Organisation

GPCB Recognized 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/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	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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Testing Laboratory (TC-15345) (32.01.3625 to 22.09.2024)

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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/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)

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Name	e 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>	
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	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. (02.04.2025 to 28.04.2028)

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		Resu	lts of Ambient Air	<b>Quality Monitoring</b>				
Name	of Location	SAMUDRA TOWNSHI	P – STP					
	Date of Monitoring		Parameter with Results					
Sr. No.		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	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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Name	of Location	SAMUDRA TOWNSHIP – 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/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)

GICHMARIET ACCINISTRATION DIA & GW Consultant Organisation

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

750 9003; 2015 150 45001; 2018 Centified

Name	of Location	SAMUDRA TOWNSHIP – 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	NO₂ 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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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	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)



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Testing Laboratory (TC-15345) (32.01.3625 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

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	**************************************	Resul	ts of Ambient Air	Quality Monitoring				
Name	of Location	SAMUDRA TOWNSHI						
	Date of Monitoring	Parameter with Results						
Sr. No.		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	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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GPCB Recognized Environmental Auditor (Sch-II) Certified Company (INS Management System

150 5003; 2015 150 45001; 2018 Certified

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	SO <sub>2</sub> μg/m³	NO <sub>2</sub> μg/m³	CO mg/m <sup>3</sup>		
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			



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750 9003; 2015 150 45001; 2018 Centified

Name	of Location	SAMUDRA TOWNSHI	P 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	NO₂ 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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GPCB Recognized Environmental Auditor (Sch. II) Certified Company CRS Management System

150 9003; 2015 | 150 45003; 2018 Centified

Name	e of Location	SAMUDRA TOWNSHIP	CUSTOMER CARE				
	Date of Monitoring	Parameter with Results					
Sr. No.		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	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 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)



Jaivik S. Tandel (Manager - Operations)



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

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	Results 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>	SO₂ μg/m³	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		



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

750 9003; 2015 150 45001; 2018 Centified

Name	of Location	AIR STRIP						
Sr. No.  Date of Monitoring	Date of	Parameter with Results						
		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		



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150 5003; 2015 150 45001; 2018 Certified

Name	of Location	AIR STRIP						
	Date of Monitoring	Parameter with Results						
Sr. No.		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/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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GPCB Recognized Environmental Auditor (Ich-II) Certified Company CRS Management System

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Name	e of Location	AIR STRIP					
	Date of Monitoring	Parameter with Results					
Sr. No.		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)



Jaivik S. Tandel (Manager - Operations)



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

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	Results of Ambient Air Quality Monitoring							
Nam	e of Location	SV2						
	Date of Monitoring	Parameter with Results						
Sr. No.		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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GPCB 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

Nar	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	NO <sub>2</sub> μg/m <sup>3</sup>			
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			



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AMUEFBCC Recog Environmental J 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 ACCIDITION DIA 5: GW Consultant Organisation

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

750 9003; 2015 150 45001; 2018 Centified

Nar	ne of Location	SV2							
		Parameter with Results							
Sr. No.	Date of Monitoring	PM <sub>10</sub> µg/m³	РМ <sub>2.5</sub> µg/m³	SO <sub>2</sub> μg/m³	NO <sub>2</sub> 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) (32.01.3625 to 22.09.2024)

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750 9003; 2015 150 45001; 2018 Centified

Name	e 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			
	ble Value as per IAAQMS	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)





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750 9003; 2015 150 45001; 2018 Centified

	Results of Noise Level Monitoring									
	Location Name PUB / Adani House									
Sr.	Sampling Date and				dB(A) - Day Time		T			
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 0	IB (A)					



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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

Lo	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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750 9003; 2015 150 45001; 2018 Centified

	Results of Noise Level Monitoring									
	Location Name Adani Guest House									
Sr.	Sampling Date and		I	•	dB(A) - Day Time		T			
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			< <b>75</b> d	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

Lo	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
Test Method	IS: 9989 : 1981

Nikunj D. Patel (Chemist)

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Laboratory under The EPA, 1986.

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750 9003; 2015 150 45001; 2018 Centified

			<b>Results of Nois</b>	e Level Monitor	ring		
	Location Name	WTP- Nr. CETP					
Sr.	Sampling Date and		ı	1	dB(A) - Day Time		1
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 (	IB (A)		



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150 9003; 2015 | 150 45003; 2018 Centified

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

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

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	Results of Noise Level Monitoring								
	Location Name	SAMUDRA TOWI	NSHIP – STP						
Sr.	Sampling Date and		l		dB(A) - Day Time	l	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 (	dB (A)				



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

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L	ocation Name	SAMUDRA TOWI	NSHIP – STP					
Sr. No.	Sampling Date and	Noise Level Leq. dB(A) – Night Time						
31. NO.	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
Test Method	13. 3363 . 1361

Nikunj D. Patel (Chemist)

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Laboratory under The EPA, 1986.

(02.04.2025 to 28.04.2028)

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750 9003; 2015 150 45001; 2018 Centified

Results of Noise Level Monitoring								
	Location Name	SAMUDRA TOWI	NSHIP CUSTOMER	CARE				
Sr.	Sampling Date and		I		dB(A) - Day Time	I	T	
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 c	B (A)			



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

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Lo	ocation 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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	Results of Noise Level Monitoring								
	Location Name	AIR STRIP							
Sr.	Sampling Date and		I		dB(A) - Day Time		ı		
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)				



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

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Lo	ocation Name	AIR STRIP						
Sr. No.	Sampling Date and	Noise Level Leq. dB(A) – Night Time						
31.110.	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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Testing Laboratory (TC-15345) (32.01.3025 to 22.09.2024)

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			<b>Results of Nois</b>	e Level Monitor	ring		
	Location Name	SV2					
Sr.	Sampling Date and		l		dB(A) - Day Time		I
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 (	dB (A)		



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Lo	ocation Name	SV2					
Sr. No.	Sampling Date and			Noise Level Leq. d	IB(A) – Night Time		
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

Nikunj D. Patel (Chemist)

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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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		Resul	ts 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/Nm <sup>3</sup>	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	GPCB LIMIT	Method of Test
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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		Resul	ts of Stack Monitoring		
		<b>Monitoring Peri</b>	od: October - 2024 to March - 2025		
			Adani House D.G.Set No. S-1		
C. N.	Parameter	11!1	(750 KVA )	GPCB LIMIT	Method of Test
Sr. No.		Unit	Mar-25		
			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)

Sr. No.	Parameter	D.G.Set No. S-2 (500 KVA –PUB)  Parameter Unit  Mar-25  21.34		GPCB LIMIT	Method of Test
1	Particulate Matter	mg/Nm³	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)

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### **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				
1.	рН @ 27°C		7.69	8.34	7.74	7.77	7.48	7.42	6.5 to 8.5	IS 3025(Part 11):2022			
2.	Temperature	<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	APHA 24th Ed.2023,2540 –D			
5.	Oil & Grease	mg/L	BDL(MDL:2.0)	3	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	BDL(MDL:4.0)	20	IS 3025(Part 39):2021			
6.	Phenolic Compound	mg/L	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	2	IS 3025(Part 43):2022			
7.	Fluoride	mg/L	1.72	1.2	1.8	1.48	1.62	1.44	2	APHA 24th Ed.2023,4500 F, D			
8.	Iron as Fe	mg/L	0.132	0.165	0.144	0.125	0.118	0.125	3	IS 3025(Part 53):2003,			
9.	Zinc as Zn	mg/L	0.084	0.102	0.094	0.086	0.124	0.135	15	IS 3025(Part 49):1994			
10.	Trivalent Chromium	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	3	By Calculation			
11.	Sulphide	mg/L	0.54	1.3	1.2	0.52	0.61	0.52	2	APHA 24th Ed.2023,4500 S <sup>-2</sup> F			



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

Best 1

Mr. Nilesh Patel Sr. Chemist

Mr. Nitin Tandel Technical Manager



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

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

					CETP C		<u> </u>			
	TEST		Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	GPCB Permissible	
SR.NO.	PARAMETERS	UNIT	Oct 24	1404 24	DCC 24	3411 23	100 23	14101 25	Limit CETP	TEST METHOD
			05-10-2024	08-11-2024	25-12-2024	04-01-2025	20-02-2025	21-03-2025	Outlet	
1.	pH @ 27 ° C	-1	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



AMUEFBCC Recog Environmental J 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

GCI-MARIET ACCINISTRATION DIA & GW Consultant Organisation

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

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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

Que!

Mr. Nilesh Patel Sr. Chemist

Mr. Nitin Tandel Technical Manager



AMJERBOD Recog Environmental J. NABL USQAED 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 Environmental Auditor (Sch. II) Cartified Company CRS Management System

### **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

CULINBAT

Mr. Nitin Tandel Technical Manager



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

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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 SOIL SAMPLE**

SR.NO.	TEST PARAMETERS		05-03-2025	05-03-2025	05-03-2025	05-03-2025
311.140.	TEST FAMILIERS	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)



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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

Mr. Nilesh Patel Sr. Chemist

CALLIARAT

Mr. Nitin Tandel Technical Manager



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

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	Minimum Detection Lin	nit									
	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	0C	5								
3	Colour	Pt. Co. Scale	5								
4	Total Suspended Solids	mg/L	4								
5	Oil & Grease	mg/L	4								
6	Phenolic Compound	mg/L	0.1								
7	Fluoride	mg/L	0.2								
8	Iron as Fe	mg/L	0.1								
9	Zinc as Zn	mg/L	0.05								
10	Trivalent Chromium	mg/L	0.05								
11	Sulphide	mg/L	0.05								
12	Ammonical Nitrogen	mg/L	5								
13	BOD (3 days at 27 0C)	mg/L	1								
14	COD	mg/L	2								
15	Chloride (as Cl) <sup>-</sup>	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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Laboratory under The EPA, 1986. (REST ON 2020 to 28 03.2028)

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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									

# Annexure – 9



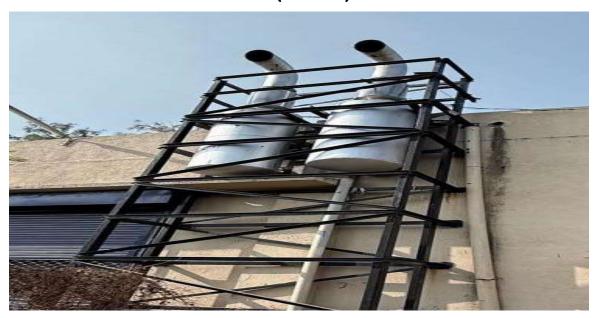
# **Cost of Environmental Protection Measures**

Sr.	Activity	Cost i	incurred (INR	in Lacs)	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

# Annexure – 10

## PHOTOGRAPHS OF INSTALLED RECD ON DG SETS

Adani House (DG Room) - 750 KVA



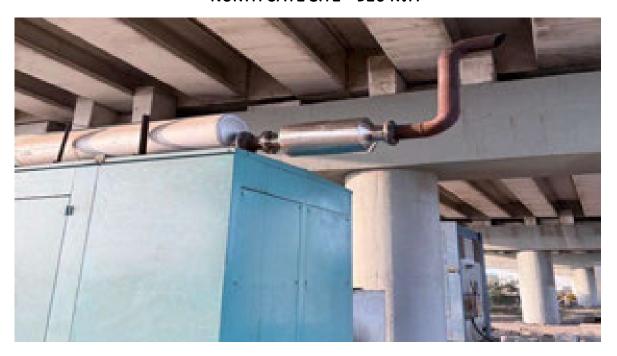
PUB Custom House - 500 KVA



WTP -CETP: 380 KVA



NORTH GATE SITE - 320 KVA



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





# Annexure – 11



# GUJARAT POLLUTION CONTROL BOARD

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

## CCA-Amendment (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) GCA issued by this office vide order no- AWH- 113458 dated 28/06/2021 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



Page 1 of 3

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# **GUJARAT POLLUTION CONTROL BOARD**



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		antity	Schedule	Facility
No.		Existing	After GCA- 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	Collection, storage, transportation and co- processing plant or CHWIF site.
4.	Spent ion exchange resin		5 MT	1-35.2	GRIVVIE BIO.

 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

Page 3 of 3

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# Annexure – 12



# **GUJARAT POLLUTION CONTROL BOARD**

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

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 Adami
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.
- 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/ Septic 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.



# **GUJARAT POLLUTION CONTROL BOARD**

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

	-	Permissible Limit (microgram /m³)				
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 – 13





# **Certificate of Validation**

### Zero Waste to Landfill Achievement

#### Presented to

#### **Mundra Port**

#### Adani Ports and Special Economic Zone Ltd

At & Post -Mundra, Gujarat-370405, India

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

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





Seema Arora
Deputy Director General
Confederation of Indian Industry

Certificate Issued on: 03 May 2025 Certificate No.: CII/ZWL/2025/001

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

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

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

# Annexure – 14

	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
	Expenditure Details (Amount in Rs.)											
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