

Half Yearly EC Compliance Report AMSIPL-2010 Submission for Period April 23 to Sept. 23

Bhagwat Swaroop Sharma <Bhagwat.Sharma1@adani.com>

Wed 11/29/2023 4:56 PM

To:iro.gandhingr-mefcc@gov.in <iro.gandhingr-mefcc@gov.in>;ecompliance-guj@gov.in <ecompliance-guj@gov.in>

Cc:ec-rdw.cpcb@gov.in <ec-rdw.cpcb@gov.in>;ro-gpcb-kute@gujarat.gov.in <ro-gpcb-kute@gujarat.gov.in>;ms-gpcb@gujarat.gov.in <ms-gpcb@gujarat.gov.in>;diren@gujarat.gov.in <diren@gujarat.gov.in>;Charanjit Singh <Charanjit.Singh@adani.com>;Sujalkumar Shah <sujal.shah@adani.com>

1 attachments (7 MB)

EC Compliance Report_AMSIPL_Apr'23 to Sep'23.pdf;



APSEZL/EnvCell/2023-24/064

Date: 28.11.2023

To
The Inspector General of Forest / Scientist C,
 Integrated Regional Office (IRO),
 Ministry of Environment, Forest and Climate Change,
 Aranya Bhawan, A Wing, Room No. 409,
 Near CH 3 Circle, Sector – 10A,
 Gandhinagar – 382007.
 E-mail: ecompliance-guj@gov.in, iro.gandhingr-mefcc@gov.in

Sub : Half yearly Compliance report for Environment Clearance for the "Township and area development project" at Survey no. 141 (part), village: Mundra, Dist. Kutch, by M/s. Adani Mundra SEZ Infrastructure Pvt. Ltd."

Ref : Environment clearance granted to Adani Mundra SEZ Infrastructure Pvt. Ltd. vide letter dated 20th February, 2010 bearing SEIAA letter no. SEIAA/GUJ/EC/8(b)/44 /2010.

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 Clearance for the period of April 2023 to September 2023 is being submitted through soft copy (e-mail communication).

Kindly consider 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:

- 1) The Zonal Officer, Regional Office, CPCB – Western Region, Parivesh Bhawan, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara – 390023.
- 2) The Member Secretary, GPCB – Head Office, Paryavaran Bhavan, Sector 10 A, Gandhi Nagar – 382010.
- 3) The Member Secretary, SEIAA, Gujarat, Paryavaran Bhavan, GPCB, Sector 10 A, Gandhi Nagar – 382010.
- 4) The Regional Officer, Regional Office GPCB (Kutch-East), Gandhidham – 370201.

Adani Ports and Special Economic Zone Ltd
 Adani House,
 PO Box No. 1
 Mundra, Kutch 370 421
 Gujarat, India
 CIN: L63090GJ1998PLC034182

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

Registered Office: Adani Corporate House, Shantigram, Nr. Vaishno Devi Circle, S.G. Highway, Khodiyar, Ahmedabad – 382421, Gujarat, India



Growth
with
Goodness

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To

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Environmental Clearance
Compliance Report
of



Township and
Area Development Project,
Village: Mundra, Dist. Kutch, Gujarat

of
Adani Mundra SEZ Infrastructure Pvt. Limited

for the period of
April 2023 to September 2023

Index

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**Compliance Report of
Environment Clearance**

Status of the conditions stipulated in Environment Clearance

Half yearly Compliance report for Environment Clearance for the project "Township and area development project at Mundra, Dist. Kachchh, Gujarat of M/s. Adani Mundra SEZ Infrastructure Pvt. Ltd." issued vide letter no. SEIAA/GUJ/EC/8(b)/44/2010 dated 20th February 2010.

Sr. No.	Conditions	Compliance Status as on 30-09-2023
A. Specific Conditions		
A.1	Construction Phase:	
1.	Minimum Aerial distance of 100 m shall be kept between processing & non – processing areas of SEZ, as proposed.	<p>Complied during the construction phase. Not applicable at present.</p> <p>This reply covers Condition No. 1 to 27 of Construction Phase.</p> <p>The details of the compliances with respect to construction phase are submitted in Oct'16 to March'17 compliance report.</p>
2.	Height of the buildings in the project shall be restricted to 42 meter (in view of the height restriction specified by the aviation authority) or the height permissible under the bylaws prescribed the SEZ authority, whichever is more stringent. This, however, shall not increase the total population envisaged under the EIA report prepared and submitted to SEAC and SEIAA and shall not increase in the resource consumption like total water usage or wastes generated.	<p>Construction work for the project is partially completed. However, no construction activity carried out during the compliance period of Apr'23 to Sep'23.</p> <p>All the specific conditions provided for construction phase will be considered upon recommencement of construction activity in future.</p>
2(a)	The requirement for fire prevention, line	

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	safety in relation to fire and fire protection of the building shall be fulfilled in the project, as per the National Building Code of India so as to minimize danger to life and property from fire.	
2(b)	All high rise buildings shall have at least two staircases with a condition that the nearest staircases shall be available at every 30 meter from all places in a given building.	
3.	The project proponent shall not obstruct the flow of river Bhukhi passing through the social infrastructure area and shall not do any encroachment on the said river, as per their undertaking dated 21/07/2009. All necessary precautions and measures shall be taken in order to ensure that natural drainage of river Bhukhi passing through the project site is not altered / affected.	<p>Complied during the construction phase. Not applicable at present.</p> <p>The details of the compliances with respect to construction phase are submitted in Oct'16 to March'17 compliance report.</p> <p>Construction work for the project is partially completed. However, no construction activity carried out during the compliance period of Apr'23 to Sep'23.</p> <p>All the specific conditions provided for construction phase will be considered upon recommencement of construction activity in future.</p>
4.	Additional bridge / walkthrough over	

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	the Bhukhi river passing through the site shall be provided between the two bridges planned to be provided so as to reduce distance to be travelled during the emergency situations.	
5.	If SEZ authority permits, adequate parapet / fencing shall be provided along the banks of river Bhukhi passing through the site for preventing fall of animals / humans.	
6.	All required sanitary and hygienic measures shall be provided before starting the construction activities and to be maintained throughout the construction phase.	
7.	The construction site shall be provided with adequately barricades of at least 3 m height on its periphery with adequate signage	
8.	Adequate first aid facilities shall be provided in the project both during construction and operation of the project.	

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
9.	Adequate drinking water, sanitation and other amenities shall be provided for construction workers at the site. The safe disposal of wastewater and solid wastes generated during the construction phase should be ensured.	<p>Complied during the construction phase. Not applicable at present.</p> <p>The details of the compliances with respect to construction phase are submitted in Oct'16 to March'17 compliance report.</p> <p>Construction work for the project is partially completed. However, no construction activity carried out during the compliance period of Apr'23 to Sep'23.</p> <p>All the specific conditions provided for construction phase will be considered upon recommencement of construction activity in future.</p>
10.	Provision should be made for the supply of fuel (Kerosene or cooking gas), utensils such as pressure cookers etc. to the laborers during construction phase.	
11.	The project proponent shall ensure that the construction labours are provided with adequate amenities for lighting, drinking water, sanitation etc. to ensure that do not ruin the existing environmental condition.	
12.	Adequate personal protective equipments shall be provided to the construction workers to ensure their safety and the project proponent	

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	shall ensure its usage by the labours.	
13.	All topsoil excavated during construction activities should be stored separately for use in horticultural / landscape development within the project site.	
14.	Disposal of debris including the excavated material during construction phase shall not create adverse effect on neighbouring communities and shall be disposed of only at the approved sites with the approval of the competent authority after taking the necessary precautions for general safety and health aspects.	
15.	Use of diesel generator sets during construction phase should be enclosed type and confirm to EPA rules for air and noise emission standards.	<p>Complied during the construction phase. Not applicable at present.</p> <p>The details of the compliances with respect to construction phase are submitted in Oct'16 to March'17 compliance report.</p> <p>Construction work for the project is partially completed. However, no construction activity carried out during the compliance period of Apr'23 to Sep'23.</p>
16.	Ready-made mix concrete should be used so far as possible	<p>All the specific conditions provided for construction phase will be considered upon recommencement of construction activity in future.</p>
17.	Water demand during construction	

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	should be reduced by use of curing agents, plasticizers and other best practices.	
18.	Vehicles hired for bringing construction material at site should be in good conditions and confirm to applicable air and noise emission standards and should be operated only during non-peak hours.	
19.	Ambient noise levels shall conform to residential standards both during day and night. Incremental pollution load on the ambient air and noise quality should be closely monitored during construction phase.	Complied during the construction phase. Not applicable at present.
20.	Fixtures for showers, toilet, flushing and drinking should be of low flow either by use of aerator or pressure reducing devices or sensor based control.	The details of the compliances with respect to construction phase are submitted in Oct'16 to March'17 compliance report. Construction work for the project is partially completed. However, no construction activity carried out during the compliance period of Apr'23 to Sep'23.
21.	Fly ash should be used as building material in the construction as per provision of Fly Ash Notification under EPA.	All the specific conditions provided for construction phase will be considered upon recommencement of construction activity in future. 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 Sr.
22.	Structural design	

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	aspects in accordance to the seismic zone shall be strictly adhered to.	Manager (Environment) at Corporate, who heads the Environment Management Cell who directly reports to the top management. Environment Management Cell Organogram were submitted as part of compliance report submission for the duration of Apr'21 to Sep'21. And there is no further change.
23.	No ground water shall be used and the water required during construction phase shall be sourced from Gujarat Water Infrastructure Ltd.	
24.	The construction materials and debris shall be properly stored and handled to avoid negative impacts such as air pollution and public nuisances by blocking the roads and public passages. Appropriate barricading shall be done and signboards shall be put at such site.	
25.	Ambient Air Quality Monitoring / Noise monitoring shall be carried out during the construction. The location of ambient air quality monitoring stations and its frequency shall be decided in consultation with GPCB.	
26.	The provisions of the buildings and other construction workers rules shall be met	

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	with by the project proponent in addition to other statutory requirements under different environmental pollution control and safety related acts and rules.	
27.	Environment Management Cell shall be formed, which will supervise and monitor the environment related aspects of the project during construction and operational phases in addition to observance of Gujarat Building and other constructions workers act and rules including registration of the project under this act.	
A.2	Operation Phase:	
28.	Fresh water requirement during the operation phase shall not exceed 9 MLD and it shall be sourced from Gujarat Water Infrastructure Ltd. Metering of the water shall be done and its records shall be maintained. No ground water shall be extracted.	<p>Complied.</p> <p>No ground water is being extracted.</p> <p>Fresh water requirement for Samudra township and Adani Hospital is approximately average 1096.07 KLD during compliance period Apr'23 to Sep'23 which has been sourced through Gujarat Water Infrastructure Ltd. (GWIL) and APSEZ desalination plant.</p> <p>No ground water is being extracted.</p> <p>Record maintained for quantity of water usage during the</p>

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
		period Apr'23 to Sep'23 is attached as Annexure – 1.
29.	The total sewage generation from the proposed social infrastructure project shall not exceed 7.2 MLD.	<p>Complied.</p> <p>During compliance period Apr'23 to Sep'23 average received quantity of sewage was 1017.38 KLD from Samudra township, Adani Hospital & Mundra Village. Average quantity of treated sewage discharge was 875.51 KLD during compliance period. Generated sewage is being treated in STP of Samudra Township and treated water is being utilized for horticultural purpose within AMSIPL premises.</p> <p>AMSIPL has been granted Consent to Operate from Gujarat Pollution Control Board for receiving 1.0 MLD of domestic sewage from Mundra village for treatment in Samudra township STP and final disposal on land for horticulture purpose within AMSIPL as well as APSEZ premises. Details of the same were submitted along with half yearly compliance report for the period Apr'20 to Sep'20. During compliance period Apr'23 to Sep'23 an average 110.81 KLD of domestic sewage received from Mundra village to Samudra township STP for treatment.</p> <p>Details of sewage generated from township, received from Adani hospital & Mundra village and treated water discharge during the period Apr'23 to Sep'23 is attached as Annexure – 1.</p>
30.	The project proponent shall install and operate adequate sewage treatment plants (STP) comprising of 3 modules of STP (each of 2.5 MLD) to achieve ultimate capacity of 7.5 MLD, for treatment of sewage. These STP modules shall be operated regularly and effectively to achieve the GPCB norms.	<p>Complied.</p> <p>STP having capacity of 2.5 MLD with advance MBR technology is constructed and operated in township area. Treated sewage is being utilized for horticulture purposes after achieving discharge norms of GPCB.</p> <p>We have dismantled the Adani Hospital STP having 30 KLD capacity and the domestic sewage generated from hospital is being discharged in to STP of Samudra Township through underground pipeline for treatment and disposal. Consent to Operate for the same has been granted from Gujarat Pollution Control Board. Details of the same were submitted along with half yearly compliance report for the period Apr'20 to Sep'20.</p> <p>Pre-treatment facility i.e. Disinfection treatment is being provided for domestic sewage at hospital before discharging in to Samudra Township STP. During compliance period Apr'23 to</p>

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Sr. No.	Conditions	Compliance Status as on 30-09-2023																																				
		<p>Sep'23 avg. 13.89 KLD domestic sewage received from hospital for treatment.</p> <p>Third party analysis of the treated water is being carried out twice in a month by NABL and MoEF&CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. Summary of the same for duration from Apr'23 to Sep'23 is mentioned below.</p> <p>Locations: STP (Township)</p> <table border="1"> <thead> <tr> <th>Parameters</th> <th>Unit</th> <th>Min</th> <th>Max</th> <th>Average</th> <th>Perm. Limit\$</th> </tr> </thead> <tbody> <tr> <td>pH @ 25 ° C</td> <td>--</td> <td>7.14</td> <td>7.46</td> <td>7.30</td> <td>6.5 – 9.0</td> </tr> <tr> <td>Total Suspended Solids</td> <td>mg/L</td> <td>8.00</td> <td>28.00</td> <td>19.50</td> <td>100</td> </tr> <tr> <td>Biochemical Oxygen Demand (BOD)</td> <td>mg/L</td> <td>6.00</td> <td>19.00</td> <td>14.58</td> <td>30</td> </tr> <tr> <td>Residual chlorine</td> <td>mg/L</td> <td>0.67</td> <td>0.92</td> <td>0.78</td> <td>--</td> </tr> <tr> <td>Fecal Coliform</td> <td>MPN Index/100ml</td> <td>60.00</td> <td>140.00</td> <td>90.83</td> <td>< 1000</td> </tr> </tbody> </table> <p style="text-align: right;">[§] as per CC&A granted by GPCB</p> <p>Please refer Annexure – 2 for detailed analysis reports. Approx. INR 5.08 Lakh is spent for all environmental monitoring activities during FY 2023 - 24 till Sep'23 for overall APSEZ, Mundra.</p> <p>GPCB is also doing sampling and analysis of treated water during their routine visit. Last visit was carried out by GPCB on dated 1/8/2022 and collected the treated water sample. GPCB Sample analysis report was submitted during the last compliance period Oct'22 to Ma'23.</p>	Parameters	Unit	Min	Max	Average	Perm. Limit\$	pH @ 25 ° C	--	7.14	7.46	7.30	6.5 – 9.0	Total Suspended Solids	mg/L	8.00	28.00	19.50	100	Biochemical Oxygen Demand (BOD)	mg/L	6.00	19.00	14.58	30	Residual chlorine	mg/L	0.67	0.92	0.78	--	Fecal Coliform	MPN Index/100ml	60.00	140.00	90.83	< 1000
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Sr. No.	Conditions	Compliance Status as on 30-09-2023																								
31.	Two modules of STP of 2.5 MLD (i.e. total 5 MLD) shall be installed on one side of the Bhukhi River and one module of STP of 2.5 MLD shall be installed on the other side of the Bhukhi River passing through the social infrastructure project. Hence no any cross drainage civil work shall be carried out.	<p>Complied.</p> <p>At present one STP of 2.5 MLD is installed on one side of Bhukhi river for Samudra Township.</p> <p>Below underground pipeline network has been laid for receiving sewage from Mundra town and Adani hospital for treatment as well as treated water discharge to Adani hospital for horticulture purpose with requisite permissions from GPCB.</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Pipeline Connectivity</th> <th>Purpose</th> <th>Length</th> <th>Dia.</th> <th>Make</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Mundra Village to Samudra Township Existing Sewage Collection Tank</td> <td>For treatment of 1 MLD Domestic sewage</td> <td>4.2 Km</td> <td>315 mm</td> <td>HDPE</td> </tr> <tr> <td>2</td> <td>Adani Hospital to Existing Mundra Village – Samudra Township Collection tank pipeline</td> <td>For treatment of 25 KLD Domestic sewage</td> <td>323 mtr</td> <td>90mm</td> <td>HDPE</td> </tr> <tr> <td>3</td> <td>Samudra Township treated water tank to Adani hospital 40m³ tank</td> <td>For utilization of treated water @ 150 KLD for gardening purpose</td> <td>1.56 Km</td> <td>90mm</td> <td>HDPE</td> </tr> </tbody> </table>	Sr. No.	Pipeline Connectivity	Purpose	Length	Dia.	Make	1	Mundra Village to Samudra Township Existing Sewage Collection Tank	For treatment of 1 MLD Domestic sewage	4.2 Km	315 mm	HDPE	2	Adani Hospital to Existing Mundra Village – Samudra Township Collection tank pipeline	For treatment of 25 KLD Domestic sewage	323 mtr	90mm	HDPE	3	Samudra Township treated water tank to Adani hospital 40m ³ tank	For utilization of treated water @ 150 KLD for gardening purpose	1.56 Km	90mm	HDPE
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32.	Out of total 7.2 MLD of treated sewage conforming the GPCB norms, 2 MLD treated sewage shall be utilized within the project area for plantation / gardening whereas balance 5.2 MLD of treated sewage shall be utilized in the identified area of MPSEZL for plantation /	<p>Complied.</p> <p>During Apr'23 to Sep'23 Avg. 875.51 KLD of treated water was used for gardening / plantation purpose within Township area / Hospital area / APSEZ area.</p>																								

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	gardening.	
33.	In no case, the wastewater / treated sewage shall be discharged into the river Bhukhi passing through the social infrastructure project.	<p>Complied</p> <p>During Apr'23 to Sep'23 avg. 875.51 KLD of treated water from STP was used for gardening / plantation purpose within township area, hospital area and other APSEZ area. Hence in no case, the wastewater / treated sewage is discharged into the river Bhukhi passing through the social infrastructure project.</p>
34.	Best available technology shall be used for disinfection of treated sewage before reuse / discharge.	<p>Complied.</p> <p>Chlorination treatment is provided for disinfection before reuse / discharge.</p>
35.	Rain water harvesting of roof top run off of the building to be constructed as a part of social infrastructure as per the plan submitted shall be implemented. Before recharging the rain water, pre-treatment must be done to remove suspended matter.	<p>Complied.</p> <p>Location of rain water harvesting was earmarked at one of location in identified SEZ area based on direction of flow of storm water channel. However underground water is saline in nature due to sea water ingress and harvested water is likely to get contaminated in high tide. The project will be taken up upon finding out the solution for rain water harvesting within project boundary.</p> <p>However, APSEZ has carried out rainwater harvesting activities in the nearby villages for benefit of the locals.</p> <p>Water conservation Projects i.e. Roof Top Rain Water Harvesting, Desilting of Check dams, Bore Well Recharge and Pond deepening were taken up in past years, review and monitoring of all water harvesting structures had been taken up. Including this a big recharge operation by bunding was taken up for Zarpara village.</p> <p>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.</p> <p>Since 10 years considerable Water Conservation Work carried out in Mundra Taluka. Due to satisfactory rain in current year</p>

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023																				
		<p>1.11 mtr ground water table increased as per increased in coastal belt of Mundra as per Government Figures.</p> <p>Our water conservation work is as below. Below tabulated Water Conservation Projects completed during Compliance period:</p> <table border="1" data-bbox="602 674 1427 1052"> <thead> <tr> <th>Sr. No.</th> <th>Project</th> <th>Unit</th> <th>Outcome</th> <th>Impact</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Check dam Restrengthening-Nana Kapaya</td> <td>1</td> <td>Water Storage Capacity increased by 48000 Cum</td> <td>60 + farmer's 120+Acre Area of Agri land can be Irrigated</td> </tr> <tr> <td>2</td> <td>Recharge Borewell</td> <td>21</td> <td>Reduce Salinity ingress, and preventing water run</td> <td>150+ farmer's 260+ Acre Area of Agri land for Irrigated</td> </tr> <tr> <td>3</td> <td>Pipe Culvert at Check dam at Bhujpur</td> <td>1</td> <td>prevent water runoff into seaside.</td> <td>35 farmers' 120+Acre Area of Agri land can be Irrigated</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • 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 Deepening Capacity is 12000 Cum. • Roof Top Rainwater Harvesting 145 Nos. (40 Nos. current FY 2022-23) which is having 10,000 litre storage which is sufficient for one year drinking water purpose for 5 people family. • Recharge Borewell 208 Nos (19 Nos. current FY 2022-23) which is best ever option to direct recharge the soil. • Drip Irrigation approx. 1505 Farmers benefitted in coordination with Gujrat Green Revolution Company till date. • Bund construction on way of Nagmati River could save more than 575 MCFT water quantity which recharged in ground due to which borewell depth decreased by 50-100 Ft in Zarpara, Bhujpur and Navinal Vadi Vistar. • Pond Pipeline work at Prasla Vistar Zarpara which increase recharge capacity more than 25% in 100 hector area. • Check dam gate valve construction at Bhujpur which controlled more than 350 MCFT water to go into sea and get recharged current year. 	Sr. No.	Project	Unit	Outcome	Impact	1	Check dam Restrengthening-Nana Kapaya	1	Water Storage Capacity increased by 48000 Cum	60 + farmer's 120+Acre Area of Agri land can be Irrigated	2	Recharge Borewell	21	Reduce Salinity ingress, and preventing water run	150+ farmer's 260+ Acre Area of Agri land for Irrigated	3	Pipe Culvert at Check dam at Bhujpur	1	prevent water runoff into seaside.	35 farmers' 120+Acre Area of Agri land can be Irrigated
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Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
		Please refer Annexure – 3 for full details of CSR activities carried out by Adani Foundation in the Mundra region. Budget for CSR Activity for the FY 2023-24 is to the tune of INR 953.50 lakh. Out of which, Approx. INR 374.81 lakh are spent in FY 2023-24 till Sep'23.
36.	The Municipal Solid Waste (MSW) shall be properly collected and segregated at source and it shall be disposed as per the guidelines of the MSW Rules 2000, as may be amended time to time. The dried biomass from the STP will be used as manure in gardening / plantation.	<p>Complied.</p> <p>A well-established system for Municipal Solid Waste (MSW) management is in place.</p> <p>Municipal solid waste collection from AMSIPL area is being done on daily bases. Collected dry waste is being transported to APSEZ Material Recovery Facility (MRF) where it is being sorted out in different streams e.g. paper/plastic/cardboard/glass/metal. These sorted wastes are further transported for recycling, whereas remaining non-recyclable waste is bailed and sent to cement plant (M/s. Ambuja Cement Ltd., Kodinar) for Co-processing as RDF (Refused Derived Fuel).</p> <p>Food / Organic Waste generated from AMSIPL premises is being diverted to Organic Waste Converter and Bio gas plant installed within APSEZ premises for converting food / organic waste in to manure and / or biogas. Generated manure is being utilized by horticulture department in green belt area and biogas is being utilized in kitchen area for cooking food.</p> <p>Total 333.49 MT organic / food waste generated from entire APSEZ, Mundra was processed for converting in to reach manure and biogas during the compliance period i.e. Apr'23 to Sep'23 and utilized within APSEZ area. Dry waste collection drive including plastic free drive and waste segregation drive is being organised on regularly basis.</p>
37.	The Bio-medical Waste (BMW) shall be disposed as per guidelines of BMW rules 1998 as may be amended from time to time.	<p>Complied.</p> <p>Multispecialty hospital has taken the necessary approvals from GPCB for the disposal of Bio Medical Waste. Total 3269 kg of bio medical waste was disposed from Adani hospital to Common Bio Medical Waste Treatment facility of M/s Distromed Kutch Services Pvt. Ltd., Bhuj during the compliance period i.e. Apr'23 to Sep'23 at the frequency of once in two days. Logbook showing the record of Bio-medical Waste collection for the month Sep'23 is attached as Annexure – 4.</p>

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
		Multispecialty hospital has taken the BMW Authorization from the GPCB. The copy of BMW Authorization was submitted during the last compliance period Apr'22 to Sep'22.
38.	Hazardous wastes, if any generated during the operation phase shall be handled as per the Hazardous Waste (Management, Handling & Transboundary Movement) Rules 2008, as may be amended from time to time.	<p>Point Noted.</p> <p>No hazardous waste was generated during the compliance period of Apr'23 to Sep'23.</p> <p>If any hazardous waste generation in future, it will be disposed through authorised agency only as per Hazardous Waste Rules – 2016.</p> <p>M/s. Adani Mundra SEZ Infrastructure Pvt. Ltd, (AMSIPL) has been granted the CC&A-Renewal by GPCB vide Consent No. AWH-121264 issued dated 06/09/2022 and Valid upto: 02/09/2027. The copy of CCA – Renewal order was submitted during the last compliance period Apr'22 to Sep'22.</p>
39.	54,600 sq.m. area shall be earmarked for the parking purpose as proposed. The area earmarked for the parking shall be used for parking only. No other activity shall be permitted in this area.	<p>Complied.</p> <p>Construction work for the project is partially completed.</p> <p>Entire parking area is earmarked for parking as per National Building Code requirement within township premises. This parking is used for said purpose only.</p>
40.	Necessary signage including continuous display of status of parking availability at entry, exit and all other appropriate places shall be provided which should have appropriate size of letters and shall be visible from the at least 50 meter distance from the	<p>Complied.</p> <p>Parking area is earmarked as per National Building Code requirement. Trained security guards are deputed round the clock to guide/help for entry, exit and parking. Continuous display regarding status of parking availability will be installed once project is in full-fledged operation.</p>

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	adjacent road.	
41.	No public space shall be used or blocked for the parking and the trained staff shall be deployed to guide the visitors for parking and helping the senior citizens and physically challenged people	Complied. Adequate parking area has been provided as per National Building Code. Trained security guards are available round the clock to guide/help for entry, exit and parking to senior citizens and physically challenged people.
42.	Traffic congestion near the entry and exit points from the roads adjoining the proposed project site must be avoided.	Complied. Separate entry and exits have been provided at main gate with architectural divider for proper traffic management. Appropriate arrangements are made for emergency situations.
43.	Common utilities like drinking water facility, toilets etc shall be provided on each floor with adequate signage thereof. Adequate distance shall be maintained between the drinking water and toilet blocks.	Complied. Common utilities like drinking water facility, toilets etc. are provided at Adani Hospital and commercial building with adequate distance between drinking water & toilet facilities.
44.	The green belt shall be developed in 50 Hectares area in terms of peripheral green belt around the project site, road side plantation and green belt on either side of the Bhukhi river. The project proponent shall plant at least 20,000 trees in green belt, as proposed. The open spaces inside the	Complied. AMSIPL has developed 58.26 ha area as green belt with plantation of 75,556 saplings in AMSIPL premises. The open spaces inside the social infrastructure project are suitably landscaped and covered with green lawn and other vegetation. So, far APSEZ has developed 457.99 ha. area as greenbelt with plantation more than 9.06 Lacs saplings within the APSEZ area. Details of the green belt development activity done by APSEZL, Mundra are attached as Annexure – 5 .

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	social infrastructure project shall be suitably landscape and covered with vegetation of indigenous variety.	
45.	The area earmarked as green area shall be used only for green belt and shall not be altered for any other purpose. The fund earmarked for green belt development shall not be diverted for any other purpose.	<p>Complied.</p> <p>The area earmarked as green area is used only for green belt and not altered for any other purpose. Separate budget for the horticulture department is earmarked every year.</p> <p>The spent budget of Horticulture Department for the period of financial year 2023-24 is INR 904 lacs. Out of which, Approx. INR 628 lakh are spent during the financial year 2023-24 till Sep'23. Details upon green belt development are provided in condition no. 44 above.</p>
46.	The project proponent shall explore the application of solar energy and shall be incorporated for the illumination of common areas, lighting of internal roads and passages in addition to solar water heating, if any.	<p>Complied.</p> <p>Solar power system of 1.5 MW at roof top of residential blocks of Samudra Township and 69 KW at Adani Hospital has been installed and commissioned. Information has been already submitted to MoEF&CC along with Half Yearly Compliance Report Apr'16 to Sep'16.</p> <p>Total 949 MWH of solar power generated and supplied to the grid energy during compliance period i.e. Apr'23 to Sep'23.</p>
47.	The acoustic enclosures shall be installed at all noise generating equipments and the noise level shall be maintained as per the MoEF / CPCB guidelines / norms both during day and night time.	<p>Complied.</p> <p>D.G. Sets having acoustic enclosures are provided as stand-by and used in case of main power failure only. However, regular noise monitoring is being carried out.</p> <p>Noise (once in a month) monitoring is being carried out by NABL and MoEF&CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. Summary of the same for duration of Apr'23 to Sep'23 is mentioned below.</p> <p>Total Sampling Locations & Frequency: 2 Nos. (Monthly)</p>

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023					
		Noise	Unit	Leq Min	Leq Max	Leq Average	Leq Perm. Limit [§]
		Day Time	dB(A)	57.90	69.70	64.60	75
		Night Time	dB(A)	53.10	64.30	58.19	70
		§ as per CC&A granted by GPCB					
		Please refer Annexure – 2 for detailed analysis reports. Approx. INR 5.08 Lakh is spent for all environmental monitoring activities during FY 2023-24 till Sep'23 for overall APSEZ, Mundra.					
48.	The project proponent shall install the electric appliances, which are energy efficient and meeting with the Bureau of Energy Efficiency norms, wherever applicable.	Complied. Energy Conservation through Installation of Motion Sensor (Occu switch) & AC Temp. Controls in buildings are provided. AMSIPL has installed the electric appliances which meets the Energy Efficiency norms.					
49.	The energy audit shall be conducted at regular interval for the project and the recommendations of the audit report shall be implemented with spirit.	Complied. Energy audit is being carried on regular basis Last audit has been carried out from 18 th to 20 th January' 2022 by M/s. ECO ENERGY SOLUTION. Energy audit report for Samudra Township was submitted during the last compliance period Apr'22 to Sep'22.					
50.	The roof should meet regulatory requirement as per Energy Conservation Building Code by using appropriate thermal insulation material to fulfil requirements.	Complied. Energy Conservation Building Code is considered during the development of buildings.					
51.	Use of glass shall be minimal to reduce the electricity consumption and	Complied. Minimal glass is used in air conditioning areas to reduce electricity consumption and load on air-conditioning.					

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	load on air-conditioning.	
52.	Risk estimation shall be carried out for the project and disaster management plan shall be prepared and its recommendations shall be implemented in the time bound manner.	<p>Complied.</p> <p>Emergency Response Plan was prepared by Trivedi & Associates Technical Services Pvt. Ltd in August, 2015 for AMSIPL which included risk estimation for medical emergency, fire emergency, natural calamities.</p> <p>Detail submitted to the MoEF & CC along with half yearly compliance report for the period from Apr – 2015 to Sep – 2015.</p> <p>Various plans as fire service plan, communication plan, mutual aid plan, and evacuation plan are implemented to combat with emergency situations.</p>
53.	The raw water sumps will be equipped with suction differential head / partition so as to insure that minimum 500 KL water shall remain reserved as fire water as proposed.	<p>Complied.</p> <p>250 KL of fire water is reserved with fire hydrant system for Adani hospital. Approximately 400 KL water is available in 6 different water tanks at various sectors of Samudra Township. In total, more than 500 KL water is reserved as fire water at AMSIPL.</p>

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023														
54.	Necessary emergency lighting system along with emergency power back up system shall be provided. In addition, emergency public address system arrangement and signage for emergency exit route shall be provided on each floor.	<p>Complied.</p> <p>Power is supplied through M/s MPSEZ Utilities Limited to the project site.</p> <p>Power failure is the rarest situation in the area and in case of such emergency, there is provision of 125 KVA D.G. set at Samudra Township and 500 KVA D.G. set at Adani Hospital.</p> <p>Public address system is available with the security staff in the vicinity.</p> <p>Emergency contact is display each block as below</p> <table border="1"> <tr> <td>Security control</td> <td>8980048877</td> </tr> <tr> <td>Township Security control</td> <td>8980015046</td> </tr> <tr> <td>Medical Adani hospital reception</td> <td>2838-619555</td> </tr> <tr> <td>Medical Emergency Number -</td> <td>2838-619667</td> </tr> <tr> <td>Medical Emergency mobile Number</td> <td>7574848413</td> </tr> <tr> <td>Fire control room-</td> <td>2838-255801</td> </tr> <tr> <td>Fire control room mob.</td> <td>9879114996</td> </tr> </table>	Security control	8980048877	Township Security control	8980015046	Medical Adani hospital reception	2838-619555	Medical Emergency Number -	2838-619667	Medical Emergency mobile Number	7574848413	Fire control room-	2838-255801	Fire control room mob.	9879114996
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55.	Necessary auto glow, signage at all appropriate places shall be provided to guide the people towards exits and assembly points during the unforeseen emergency and eventuality conditions.	<p>Complied.</p> <p>Auto glow signage is provided at adequate locations to provide guidance to the people towards exits. Also the township & Adani Hospital is under security guard surveillance to combat with unforeseen emergency conditions. Photograph showing the auto glow signages were submitted along with compliance report submission for the duration of Oct'16 to Mar'17.</p> <p>Photographs showing the emergency signages were submitted along with EC Compliance report for the period Apr'19 to Sep'19.</p>														
56.	Training to the staff for the First Aid and Fire Fighting Alarm with regular mock drill shall be conducted regularly and shall be made in integral part of the disaster	<p>Complied.</p> <p>For first aid situations a First Aid centre is provided at Samudra Township. Multispecialty Hospital is part of the project activity which can be utilised for medical emergencies.</p> <p>Regular mock drill and fire training is also being conducted at project site. Home fire safety awareness, Kitchen Safety and firefighting training was conducted in township on April 2023</p>														

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023																																																						
	management plan of the project.	and total 695 residents participated in the same. Please refer Annexure - 6 for fire training and awareness details.																																																						
57.	Ozone Depleting Substance (Regulation and Control) rules shall be followed while designing the air conditioning system of the project.	<p>Complied.</p> <p>Ozone Depleting Substance inventory was produced and is maintained during the compliance period of Oct'18 to Mar'19. New gas being used in refilling of ACs is ozone friendly in nature.</p>																																																						
58.	Environment Management Cell shall be formed by the project proponent during operation phase which will supervise and monitor the environment related aspects of the project including incremental pollution loads on the ambient air quality, noise and water quality periodically till the management of the project remains with the project proponent.	<p>Complied.</p> <p>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 Sr. Manager (Environment) at Corporate, who heads the Environment Management Cell who directly reports to the top management. Environment Management Cell Organogram were submitted as part of compliance report submission for the duration of Apr'21 to Sep'21. And there is no further change.</p> <p>Ambient Air Quality (twice in a week) and Noise (once in a month) monitoring are being carried out by NABL and MoEF&CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. Summary of the same for duration from Apr'23 to Sep'23 is mentioned below.</p> <p>Total Sampling Locations & Frequency: 2 Nos.</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Unit</th> <th>Min</th> <th>Max</th> <th>Average</th> <th>Perm. Limit[§]</th> </tr> </thead> <tbody> <tr> <td colspan="6" style="text-align: center;">AAQM</td> </tr> <tr> <td>PM₁₀</td> <td>µg/m³</td> <td>31.53</td> <td>89.83</td> <td>69.91</td> <td>100</td> </tr> <tr> <td>PM_{2.5}</td> <td>µg/m³</td> <td>11.14</td> <td>34.24</td> <td>21.75</td> <td>60</td> </tr> <tr> <td>SO₂</td> <td>µg/m³</td> <td>5.15</td> <td>18.36</td> <td>11.60</td> <td>80</td> </tr> <tr> <td>NO₂</td> <td>µg/m³</td> <td>7.23</td> <td>25.89</td> <td>15.87</td> <td>80</td> </tr> <tr> <th>Noise</th> <th>Unit</th> <th>Leq Min</th> <th>Leq Max</th> <th>Leq Average</th> <th>Leq Perm. Limit*</th> </tr> <tr> <td>Day Time</td> <td>dB(A)</td> <td>57.90</td> <td>69.70</td> <td>64.60</td> <td>75</td> </tr> <tr> <td>Night</td> <td>dB(A)</td> <td>53.10</td> <td>64.30</td> <td>58.19</td> <td>70</td> </tr> </tbody> </table>	Parameter	Unit	Min	Max	Average	Perm. Limit [§]	AAQM						PM ₁₀	µg/m ³	31.53	89.83	69.91	100	PM _{2.5}	µg/m ³	11.14	34.24	21.75	60	SO ₂	µg/m ³	5.15	18.36	11.60	80	NO ₂	µg/m ³	7.23	25.89	15.87	80	Noise	Unit	Leq Min	Leq Max	Leq Average	Leq Perm. Limit*	Day Time	dB(A)	57.90	69.70	64.60	75	Night	dB(A)	53.10	64.30	58.19	70
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Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023					
		Time					
		<p>§ as per NAAQ standards, 2009 * as per CC&A granted by GPCB</p> <p>Please refer Annexure - 2 for detailed analysis reports. Approx. INR 5.08 Lakh is spent for all environmental monitoring activities during FY 2023-24 till Sep'23 for overall APSEZ, Mundra.</p>					
B. General Conditions							
59.	The project proponent shall permit the outside people to use the social infrastructures like hospital, schools, colleges etc. coming up in the proposed project, as per their undertaking dated 21/07/2009.	<p>Complied.</p> <p>Outside people are allowed to use the social infrastructures like hospital and school.</p> <p>Total 1135 patients including OPD (Outpatient Department) as well IPD (In-Patient Department) from nearby villages were treated in the Hospital during this compliance period. Approx. INR 8.79 Lakh worth of free medical services given to nearby villagers during the compliance period Apr'23 to Sep'23.</p>					
60.	Various provisions of the Environment (Protection) Act, 1986 and the Rules / Notifications issued there under by the Ministry of Environment and Forest, Govt. of India, from time to time shall be strictly complied with.	Point noted.					
61.	No further expansion or modification in the plant shall be carried out without prior approval of the MoEF/SEIAA as the case may be. In case of deviations or alterations in the project proposal	Point noted.					

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	from those submitted to MoEF / SEIAA / SEAC for clearance, a fresh reference shall be made to the SEIAA / SEAC to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.	
62.	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	<p>Complied.</p> <p>Separate budget for the Environment cell is earmarked every year. All environmental and horticulture activities are considered at group level and budget allocation is also done accordingly.</p> <p>Budget for environmental management measures (including horticulture) for the FY 2023-24 is to the tune of INR 1536.48 lakh. Out of which, Approx. INR 823.48 lakh are spent during the year FY 2023-24 till Sep'23. Detailed breakup of the expenditures for the past 3 years is attached as Annexure - 7.</p>
63.	The applicant shall inform the public that the project has been accorded Environmental Clearance by the SEIAA and i.e. copies of the clearance letter are available with the GPCB and may also be seen at the website of SEIAA / SEAC / GPCB. This shall be advertised within seven days	<p>Already complied. Not applicable at present.</p> <p>The advertisement was circulated in Gujarati language through local newspaper – Kutchh Mitra as well as in English language through local newspaper – Indian Express on the date of 10.03.2010.</p> <p>Information has been already submitted to MoEF & CC along with half yearly compliance report April – 2015 to Sep – 2015.</p>

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023																					
	<p>from the date of the clearance letter, in at least two local newspaper that are widely circulated in the region, one of which shall be in the Gujarati language and the other in English. A copy each of the same shall be forwarded to the concerned regional office of the Ministry.</p>																						
64.	<p>It shall be mandatory for the project management to submit half yearly compliance report in respect of the stipulated prior Environmental Clearance terms and conditions in hard and soft copies to the regulatory authority concerned, on 1st June and 1st December of each calendar year.</p>	<p>Complied.</p> <p>Compliance report of EC conditions is uploaded regularly. Last compliance report including results of monitoring data for the period of Oct'22 to Mar'23 was submitted to Integrated Regional Office (IRO), MoEF&CC @ Gandhinagar, Zonal Office of CPCB @ Baroda, GPCB @ Gandhinagar & Gandhidham and SEIAA, Gandhinagar vide our letter dated 25.05.2023. Copy of the same is also available on our web site https://www.adaniports.com/ports-downloads. A soft copy of the same was also submitted through e-mail on 30.05.2023 to all the concern authorities. Please refer below for the details regarding past six compliance submissions.</p> <table border="1" data-bbox="625 1444 1404 1696"> <thead> <tr> <th>Sr. No.</th> <th>Compliance period</th> <th>Date of submission</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Apr'20 to Sep'20</td> <td>26.11.2020</td> </tr> <tr> <td>2</td> <td>Oct'20 to Mar'21</td> <td>25.05.2021</td> </tr> <tr> <td>3</td> <td>Apr'21 to Sep'21</td> <td>30.11.2021</td> </tr> <tr> <td>4</td> <td>Oct'21 to Mar'22</td> <td>30.05.2022</td> </tr> <tr> <td>5</td> <td>Apr'22 to Sep'22</td> <td>30.11.2022</td> </tr> <tr> <td>6</td> <td>Oct'22 to Mar'23</td> <td>30.05.2023</td> </tr> </tbody> </table>	Sr. No.	Compliance period	Date of submission	1	Apr'20 to Sep'20	26.11.2020	2	Oct'20 to Mar'21	25.05.2021	3	Apr'21 to Sep'21	30.11.2021	4	Oct'21 to Mar'22	30.05.2022	5	Apr'22 to Sep'22	30.11.2022	6	Oct'22 to Mar'23	30.05.2023
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65.	<p>The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.</p>	<p>Point noted.</p>																					

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
66.	The project authorities shall inform the GPCB, regional office of MoEF and SEIAA about the date of financial closure and final approval of the project by the concerned authorities and the date of start of the project.	Complied
67.	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Point noted.
68.	The company in a time bound manner shall implement these conditions. The SEIAA reserves the right to stipulate additional conditions, if the same is found necessary. The above conditions will be enforced inter-alia under the provisions of the water (Prevention and Control of Pollution) Act, 1974, Air (Prevention and Control of Pollution) Act, 1981, the environment (Protection) Act, 1986, Hazardous	Complied. The company has implemented the provided conditions and the compliance report is being submitted regularly. Please refer Condition No. 64 for further details.

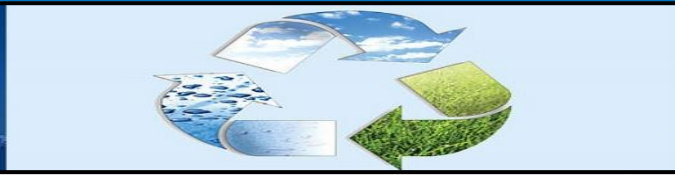
Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	Wastes (Management and Handling) Rules 2003 and the Public Liability Insurance Act, 1991 along with their amendments and rules.	
69.	This environmental clearance is valid for five years from the date of issue.	Point noted.
	Additional condition - (amendment to Environment Clearance Order No. SEIAA/GUJ/EC/8(b)/44/2010 dated 20 February 2010	
--	The applicant shall carry out comparative carbon footprint study of low rise building with large ground coverage v/s high rise building with low ground coverage through reputed institute like CEPT or GIDR and submitted to SEIAA within one year from the issuance of EC.	Complied. Comparative carbon footprint study report submitted to the MoEF & CC along with half yearly compliance report Oct – 2014 to March – 2015.

Annexure – 1

Water Consumption and Wastewater Generation Details for AMSIPL (Apr'23 to Sep'23)			
Month	Fresh Water Consumption (Samudra Township, KL	Total STP Inlet Water (Samudra Township + Adani Hospital+ Mundra Town), KL	Total STP Outlet Water, KL
Apr-23	34167	24244	19012
May-23	33052	29611	23918
Jun-23	34292	33754	26626
Jul-23	33004	34756	30033
Aug-23	32724	29473	27129
Sep-23	33341	34343	33500
Total	200580	186181	160218
Avg. Per Day	1096.07	1017.38	875.51
Sewage Received at Samudra Township STP (Apr'23 to Sep'23)			
Month	Samudra Township, KL	Adani Hospital, KL	Mundra Town, KL
Apr-23	20206	121	3917
May-23	23485	104	6022
Jun-23	29166	641	3947
Jul-23	33247	908	601
Aug-23	28758	403	312
Sep-23	28499	365	5479
Total	163361	2542	20278
Avg. Per Day	892.68	13.89	110.81

Annexure – 2



“Half Yearly Environmental Monitoring Reports “

For,



M/S. ADANI MUNDRA SEZ INFRASTRUCTURE PVT. LTD. (AMSIPL)

PLOT NO/Survey No. 141 (Part), Village – Mundra, Tal.: Mundra, Dist. – Kutch.

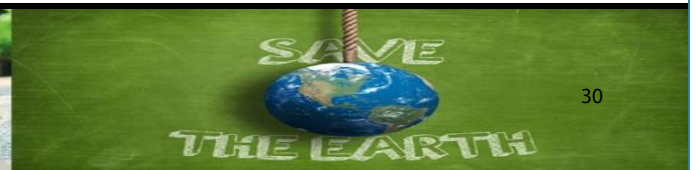
Monitoring Period: April – 2023 to September - 2023

Submitted By



UniStar Environment & Research Labs Pvt. Ltd.

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



RESULTS OF STP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	SAMUNDRA TOWNSHIP STP OUTLET						GPCB Permissible Limit	TEST METHOD
			Apr-23		May-23		Jun-23			
			10-04-2023	20-04-2023	12-05-2023	29-05-2023	12-06-2023	29-06-2023		
1	pH @ 25 ° C	--	7.14	7.21	7.34	7.22	7.14	7.21	6.5 to 9	APHA 23 rd Ed.,2017,4500- H ⁺ B
2	Total Suspended Solids	mg/L	18	8	12	14	20	22	100	APHA 23 rd Ed.,2017,2540 -D
3	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	9	6	16	17	14	15	30	APHA 23 rd Ed,2017,5210- B 5-6
4	Residual chlorine	mg/L	0.71	0.67	0.84	0.88	0.68	0.72	0.5 Min.	APHA 23 rd Ed.,2017,4500- CI-B
5	Fecal Coliform	MPN Index/100ml	70	110	90	140	80	70	1000	IS 1622: 1981

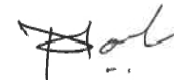
Continue...

RESULTS OF STP OUTLET WATER

SR.NO.	TEST PARAMETERS	UNIT	SAMUNDRA TOWNSHIP STP OUTLET						GPCB Permissible Limit	TEST METHOD
			Jul-23		Aug-23		Sep-23			
			13-07-2023	26-07-2023	11-08-2023	23-08-2023	12-09-2023	21-09-2023		
1	pH @ 25 ° C	--	7.36	7.35	7.46	7.42	7.45	7.34	6.5 to 9	APHA 23 rd Ed.,2017,4500-H ⁺ B
2	Total Suspended Solids	mg/L	28	26	24	22	18	22	100	APHA 23 rd Ed.,2017,2540-D
3	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	16	18	19	14	15	16	30	APHA 23 rd Ed.,2017,5210-B 5-6
4	Residual chlorine	mg/L	0.84	0.76	0.68	0.82	0.84	0.92	0.5 Min.	APHA 23 rd Ed.,2017,4500-Cl-B
5	Fecal Coliform	MPN Index/100ml	110	80	90	60	110	80	1000	IS 1622: 1981



Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

Results of Ambient Air Quality Monitoring

Name of Location		SAMUDRA TOWNSHIP – STP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM ₁₀ µg/m ³	PM _{2.5} µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	CO mg/m ³	NH ₃ µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
1.	03-04-2023	88.37	17.56	13.72	21.81	NOT DETECTED	8.24	<5.0	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED
2.	06-04-2023	73.14	19.68	8.47	16.63	--	--	--	--	--	--	--	--
3.	10-04-2023	87.64	23.79	10.83	22.12	--	--	--	--	--	--	--	--
4.	13-04-2023	76.98	24.13	9.98	16.46	--	--	--	--	--	--	--	--
5.	17-04-2023	65.26	18.77	13.45	21.84	--	--	--	--	--	--	--	--
6.	20-04-2023	71.32	21.58	11.24	19.52	--	--	--	--	--	--	--	--
7.	24-04-2023	89.73	26.81	14.93	23.79	--	--	--	--	--	--	--	--
8.	27-04-2023	86.25	19.58	13.45	20.13	--	--	--	--	--	--	--	--
9.	01-05-2023	89.42	26.18	13.64	19.38	--	--	--	--	--	--	--	--
10.	04-05-2023	85.27	27.12	16.37	24.61	--	--	--	--	--	--	--	--
11.	08-05-2023	73.84	22.4	11.59	18.42	--	--	--	--	--	--	--	--
12.	11-05-2023	79.16	19.67	13.14	20.61	--	--	--	--	--	--	--	--
13.	15-05-2023	81.36	24.16	17.63	25.58	--	--	--	--	--	--	--	--
14.	18-05-2023	72.19	21.76	12.98	19.13	--	--	--	--	--	--	--	--
15.	22-05-2023	86.53	24.78	14.24	22.65	--	--	--	--	--	--	--	--
16.	25-05-2023	75.94	22.35	11.73	17.46	--	--	--	--	--	--	--	--

Continue...

Name of Location		SAMUDRA TOWNSHIP – STP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
17.	29-05-2023	87.27	26.16	15.42	23.69	--	--	--	--	--	--	--	--
18.	01-06-2023	86.17	28.41	16.24	24.63	--	--	--	--	--	--	--	--
19.	05-06-2023	83.78	25.85	13.42	21.75	--	--	--	--	--	--	--	--
20.	08-06-2023	81.58	21.62	12.78	18.46	--	--	--	--	--	--	--	--
21.	12-06-2023	78.31	17.27	10.89	15.37	--	--	--	--	--	--	--	--
22.	15-06-2023	51.23	17.85	8.25	12.23	--	--	--	--	--	--	--	--
23.	19-06-2023	40.23	15.23	7.21	10.15	--	--	--	--	--	--	--	--
24.	22-06-2023	48.22	16.25	6.25	7.23	--	--	--	--	--	--	--	--
25.	26-06-2023	45.87	14.22	5.23	8.15	--	--	--	--	--	--	--	--
26.	29-06-2023	40.56	12.31	5.15	8.12	--	--	--	--	--	--	--	--
27.	03-07-2023	42.69	13.27	7.47	10.63	NOT DETECTED	<5.0	<5.0	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED
28.	06-07-2023	36.81	12.75	5.91	7.47	--	--	--	--	--	--	--	--
29.	10-07-2023	31.53	11.14	5.24	8.31	--	--	--	--	--	--	--	--
30.	13-07-2023	39.62	13.99	6.16	10.11	--	--	--	--	--	--	--	--
31.	17-07-2023	45.17	16.28	8.64	12.87	--	--	--	--	--	--	--	--
32.	20-07-2023	40.32	14.47	7.95	11.77	--	--	--	--	--	--	--	--
33.	24-07-2023	49.71	17.83	12.61	15.42	--	--	--	--	--	--	--	--

Continue...

Name of Location		SAMUDRA TOWNSHIP – STP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m3	PM2.5 µg/m3	SO2 µg/m3	NO2 µg/m3	CO mg/m3	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
34.	27-07-2023	44.05	16.38	10.25	14.72	--	--	--	--	--	--	--	--
35.	31-07-2023	51.76	18.13	14.32	16.57	--	--	--	--	--	--	--	--
36.	03-08-2023	76.63	20.12	8.18	11.32	--	--	--	--	--	--	--	--
37.	07-08-2023	81.47	23.54	9.38	13.02	--	--	--	--	--	--	--	--
38.	10-08-2023	73.29	21.67	9.12	12.64	--	--	--	--	--	--	--	--
39.	14-08-2023	89.63	27.95	11.43	13.61	--	--	--	--	--	--	--	--
40.	17-08-2023	82.15	24.63	9.79	11.64	--	--	--	--	--	--	--	--
41.	21-08-2023	87.25	26.18	8.52	10.46	--	--	--	--	--	--	--	--
42.	24-08-2023	84.16	23.9	10.53	13.18	--	--	--	--	--	--	--	--
43.	28-08-2023	79.93	21.24	9.11	11.65	--	--	--	--	--	--	--	--
44.	31-08-2023	87.63	25.82	11.49	13.78	--	--	--	--	--	--	--	--
45.	04-09-2023	82.46	21.57	10.35	13.62	--	--	--	--	--	--	--	--
46.	07-09-2023	85.61	23.24	11.43	14.74	--	--	--	--	--	--	--	--
47.	11-09-2023	87.19	26.43	13.72	15.93	--	--	--	--	--	--	--	--
48.	14-09-2023	83.61	20.38	10.22	14.58	--	--	--	--	--	--	--	--
49.	18-09-2023	71.38	15.79	7.31	10.76	--	--	--	--	--	--	--	--
50.	21-09-2023	77.43	18.28	9.57	12.28	--	--	--	--	--	--	--	--

Continue...

Name of Location		SAMUDRA TOWNSHIP – STP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
51.	25-09-2023	73.65	16.4	8.26	10.77	--	--	--	--	--	--	--	--
52.	28-09-2023	80.11	19.53	9.75	13.12	--	--	--	--	--	--	--	--
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0	400	100	1	20	6	5	1
Test Method		IS - 5182, Part- 23	UERL/AIR /SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	UERL/AIR /SOP/05	IS – 5182, Part – 9	IS – 5182, Part – 22	IS – 5182, Part – 22	IS – 5182, Part – 22	IS – 5182, Part – 11	IS – 5182, Part – 12



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Ambient Air Quality Monitoring

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
1.	03-04-2023	88.37	21.83	15.91	21.71	NOT DETECTED	<5.0	<5.0	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED
2.	06-04-2023	68.57	19.99	11.83	16.78	--	--	--	--	--	--	--	--
3.	10-04-2023	89.83	26.78	17.15	24.62	--	--	--	--	--	--	--	--
4.	13-04-2023	78.42	23.86	13.57	17.35	--	--	--	--	--	--	--	--
5.	17-04-2023	82.18	34.24	18.36	25.89	--	--	--	--	--	--	--	--
6.	20-04-2023	72.47	28.58	14.1	20.71	--	--	--	--	--	--	--	--
7.	24-04-2023	83.66	29.82	17.36	23.59	--	--	--	--	--	--	--	--
8.	27-04-2023	79.85	22.83	10.92	16.26	--	--	--	--	--	--	--	--
9.	01-05-2023	74.37	24.68	13.35	17.49	--	--	--	--	--	--	--	--
10.	04-05-2023	83.28	21.47	15.23	22.64	--	--	--	--	--	--	--	--
11.	08-05-2023	87.73	28.61	12.18	16.39	--	--	--	--	--	--	--	--
12.	11-05-2023	76.29	25.46	10.93	14.78	--	--	--	--	--	--	--	--
13.	15-05-2023	84.81	31.38	14.51	19.78	--	--	--	--	--	--	--	--
14.	18-05-2023	73.35	24.79	11.28	16.37	--	--	--	--	--	--	--	--
15.	22-05-2023	86.24	32.73	16.49	24.58	--	--	--	--	--	--	--	--
16.	25-05-2023	68.46	27.19	14.77	21.26	--	--	--	--	--	--	--	--

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
17.	29-05-2023	79.57	30.61	17.38	23.79	--	--	--	--	--	--	--	--
18.	01-06-2023	82.48	27.65	16.24	20.12	--	--	--	--	--	--	--	--
19.	05-06-2023	86.73	30.12	17.41	22.73	--	--	--	--	--	--	--	--
20.	08-06-2023	79.52	26.49	14.38	16.26	--	--	--	--	--	--	--	--
21.	12-06-2023	73.19	23.37	11.98	14.23	--	--	--	--	--	--	--	--
22.	15-06-2023	53.26	21.31	9.25	13.05	--	--	--	--	--	--	--	--
23.	19-06-2023	45.21	15.95	8.44	11.23	--	--	--	--	--	--	--	--
24.	22-06-2023	50.34	14.12	7.36	8.25	--	--	--	--	--	--	--	--
25.	26-06-2023	47.82	13.21	7.12	9.15	--	--	--	--	--	--	--	--
26.	29-06-2023	42.35	13.55	6.18	9.23	--	--	--	--	--	--	--	--
27.	03-07-2023	50.61	18.37	11.14	14.62	NOT DETECTED	<5.0	<5.0	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED
28.	06-07-2023	44.78	15.56	9.85	11.42	--	--	--	--	--	--	--	--
29.	10-07-2023	41.35	14.84	7.79	9.63	--	--	--	--	--	--	--	--
30.	13-07-2023	35.93	12.07	7.12	9.42	--	--	--	--	--	--	--	--
31.	17-07-2023	39.26	13.51	8.63	10.17	--	--	--	--	--	--	--	--
32.	20-07-2023	46.74	16.28	10.31	13.01	--	--	--	--	--	--	--	--
33.	24-07-2023	51.12	18.53	11.26	14.43	--	--	--	--	--	--	--	--

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m3	PM2.5 µg/m3	SO2 µg/m3	NO2 µg/m3	CO mg/m3	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
34.	27-07-2023	42.49	15.3	8.64	10.17	--	--	--	--	--	--	--	--
35.	31-07-2023	53.67	17.92	10.97	12.55	--	--	--	--	--	--	--	--
36.	03-08-2023	61.48	21.88	10.27	13.75	--	--	--	--	--	--	--	--
37.	07-08-2023	74.82	24.58	12.54	15.38	--	--	--	--	--	--	--	--
38.	10-08-2023	68.48	22.65	10.19	12.96	--	--	--	--	--	--	--	--
39.	14-08-2023	72.91	23.65	12.52	15.12	--	--	--	--	--	--	--	--
40.	17-08-2023	77.26	25.75	15.83	18.65	--	--	--	--	--	--	--	--
41.	21-08-2023	81.43	28.11	17.42	21.53	--	--	--	--	--	--	--	--
42.	24-08-2023	85.51	29.72	16.84	20.76	--	--	--	--	--	--	--	--
43.	28-08-2023	76.46	25.57	13.26	17.61	--	--	--	--	--	--	--	--
44.	31-08-2023	79.12	27.28	14.53	16.15	--	--	--	--	--	--	--	--
45.	04-09-2023	74.37	23.15	12.43	14.78	--	--	--	--	--	--	--	--
46.	07-09-2023	77.51	24.74	13.58	16.46	--	--	--	--	--	--	--	--
47.	11-09-2023	81.13	27.41	15.32	18.23	--	--	--	--	--	--	--	--
48.	14-09-2023	79.54	25.35	13.18	15.36	--	--	--	--	--	--	--	--
49.	18-09-2023	61.38	18.57	9.36	11.93	--	--	--	--	--	--	--	--
50.	21-09-2023	68.54	21.83	11.34	14.72	--	--	--	--	--	--	--	--

Continue...

Name of Location		SAMUDRA TOWNSHIP CUSTOMER CARE											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM10 µg/m ³	PM2.5 µg/m ³	SO2 µg/m ³	NO2 µg/m ³	CO mg/m ³	NH3 µg/m ³	Ozone µg/m ³	Pb µg/m ³	Ni ng/m ³	As ng/m ³	Benzene µg/m ³	B(a)P ng/m ³
51.	25-09-2023	63.78	19.61	10.83	13.27	--	--	--	--	--	--	--	--
52.	28-09-2023	71.37	22.26	12.42	14.91	--	--	--	--	--	--	--	--
Permissible Value as per NAAQMS		100.0	60.0	80.0	80.0	2.0	400	100	1	20	6	5	1
Test Method		IS - 5182, Part- 23	UERL/AIR /SOP/11	IS - 5182, Part - 2	IS - 5182, Part - 6	IS - 5182, Part - 10	UERL/AIR /SOP/05	IS - 5182, Part - 9	IS - 5182, Part - 22	IS - 5182, Part - 22	IS - 5182, Part - 22	IS - 5182, Part - 11	IS - 5182, Part - 12



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Noise Level Monitoring

Location Name		SAMUDRA TOWNSHIP – STP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		22-04-2023	13-05-2023	07-06-2023	15-07-2023	11-08-2023	13-09-2023
1	06:00 to 07:00	63.9	61.2	60.3	60.9	63.2	62.7
2	07:00 to 08:00	67.8	62.8	62.5	61.4	64.6	65.4
3	08:00 to 09:00	68.9	68.9	68.5	66.7	67.1	63.3
4	09:00 to 10:00	67.1	65.4	65.5	63.3	65.8	67.2
5	10:00 to 11:00	68.5	69.1	64.2	68.2	67.4	64.7
6	11:00 to 12:00	69.1	62.4	64.5	62.9	65.1	66.3
7	12:00 to 13:00	67.5	69.7	65.2	65.4	63.4	67.4
8	13:00 to 14:00	66.9	62.2	66.1	69.1	65.7	65.8
9	14:00 to 15:00	61.8	68.2	60.6	65.5	66.8	68.6
10	15:00 to 16:00	63.8	63.1	61.8	68.9	65.9	65.3
11	16:00 to 17:00	66.7	65.7	62.5	64.3	65.2	64.8
12	17:00 to 18:00	65.3	66.9	61.5	61.3	63.6	66.4
13	18:00 to 19:00	66.7	67.2	64.6	65.8	64.6	62.5
14	19:00 to 20:00	62.9	65.5	60.2	65.9	67.1	63.1
15	20:00 to 21:00	64.2	68.2	63.5	61.5	64.2	64.3
16	21:00 to 22:00	60.1	64.7	60.5	64.7	61.7	60.7
Day Time		<75 dB (A)					

Continue...

Location Name		SAMUDRA TOWNSHIP – STP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		22-04-2023	13-05-2023	07-06-2023	15-07-2023	11-08-2023	13-09-2023
1	22:00 to 23:00	61.3	58.5	60.8	57.2	59.4	59.5
2	23:00 to 24:00	59.7	58.3	56.7	55.8	56.9	61.4
3	24:00 to 01:00	57.4	57.5	53.9	56.3	59.4	58.7
4	01:00 to 02:00	56.9	55.2	54.2	57.3	62.8	60.4
5	02:00 to 03:00	59.4	56.5	53.6	53.2	61.8	57.4
6	03:00 to 04:00	60.3	54.2	54.7	57.1	59.5	60.1
7	04:00 to 05:00	58.4	55.3	57.2	55.8	60.4	61.4
8	05:00 to 06:00	60.6	56.5	57.3	58.3	57.8	62.6
Night Time		<70 dB (A)					

Test Method	IS: 9989 : 1981
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Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Noise Level Monitoring

Location Name		SAMUDRA TOWNSHIP CUSTOMER CARE					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		18-04-2023	20-05-2023	20-06-2023	19-07-2023	18-08-2023	20-09-2023
1	06:00 to 07:00	62.8	66.7	60.5	60.3	58.9	63.5
2	07:00 to 08:00	64.2	68.8	62.8	62.7	61.3	61.2
3	08:00 to 09:00	63.9	67.3	66.1	66.4	65.8	64.5
4	09:00 to 10:00	64.5	65.7	65.5	67.8	64.9	65.8
5	10:00 to 11:00	62.9	66.2	62.8	63.2	65.8	67.4
6	11:00 to 12:00	63	66.2	66.9	68.4	67.4	65.7
7	12:00 to 13:00	60.4	65.4	65.6	62.1	62.8	63.8
8	13:00 to 14:00	67.1	65.8	65.2	65.7	63.6	67.2
9	14:00 to 15:00	64.5	66.2	64.2	68.2	67.1	64.1
10	15:00 to 16:00	69.6	69.5	67.2	63.8	62.9	62.7
11	16:00 to 17:00	65.2	66.7	66.5	61.9	64.8	65.3
12	17:00 to 18:00	63.2	65.4	68.5	64.8	67.9	63.8
13	18:00 to 19:00	61.5	68.2	63.2	64.2	62.8	59.8
14	19:00 to 20:00	66.7	65.1	60.2	65.5	63.9	60.4
15	20:00 to 21:00	60.5	64.7	59.5	62.8	60.1	62.1
16	21:00 to 22:00	63.9	62.6	61.3	60.5	57.9	58.8
Day Time		<75 dB (A)					

Continue...

Location Name		SAMUDRA TOWNSHIP CUSTOMER CARE					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Night Time					
		18-04-2023	20-05-2023	20-06-2023	19-07-2023	18-08-2023	20-09-2023
1	22:00 to 23:00	60.2	60.8	57.9	58.5	56.7	56.8
2	23:00 to 24:00	64.2	56.7	58.3	54.4	59.4	60.4
3	24:00 to 01:00	58.2	53.9	57.3	59.3	62.6	57.3
4	01:00 to 02:00	57.3	54.2	61.2	58.3	60.4	61.3
5	02:00 to 03:00	63.2	53.1	58.9	57.8	57.4	57.9
6	03:00 to 04:00	64.3	55.5	58.8	58.5	61.3	59.4
7	04:00 to 05:00	55.1	58.8	56.3	56.1	56.8	60.1
8	05:00 to 06:00	58.4	57.9	55.9	56.9	58.1	58.9
Night Time		<70 dB (A)					

Test Method	IS: 9989 : 1981
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Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Results of Stack Monitoring

Sr. No.	Parameter	Unit	Sep - 2023	GPCB LIMIT	Method of Test
			Adani Hospital DG Set		
			01-09-2023		
1.	Particulate Matter	mg/Nm ³	20.11	150	IS 11255 (Part - 1)
2.	Sulphur Dioxide	ppm	7.68	100	IS 11255 (Part - 2)
3.	Oxide of Nitrogen	ppm	27.91	50	IS 11255 (Part - 7)
4.	Carbon Monoxide	mg/Nm ³	3.8	--	UERL/AIR/SOP/18
5.	Non Methyl Hydro Carbon	ppm	Not Detected	--	UERL/AIR/SOP/27



Nikunj D. Patel
(Chemist)




Jaivik S. Tandel
(Manager - Operations)

Minimum Detection Limit

Ambient Air Quality Monitoring

Sr. No.	Test Parameter	Unit	MDL
1	Particulate Matter (PM10)	µg/m ³	5 µg/m ³
2	Particulate Matter (PM2.5)	µg/m ³	5 µg/m ³
3	Sulphur Dioxide (SO ₂)	µg/m ³	4 µg/m ³
4	Nitrogen Dioxide (NO ₂)	µg/m ³	5 µg/m ³
5	Carbon Monoxide (CO)	mg/m ³	0.01 mg/m ³
6	Ammonia (NH ₃)	µg/m ³	5 µg/m ³
7	Ozone (O ₃)	µg/m ³	5 µg/m ³
8	Lead (Pb)	µg/m ³	0.5 µg/m ³
9	Nickle (Ni)	ng/m ³	1 ng/m ³
10	Arsenic (As)	ng/m ³	1 ng/m ³
11	Benzene	µg/m ³	1µg/m ³
12	Benzo(o)Pyrene	ng/m ³	0.1 ng/m ³
13	Hydro Carbon	µg/m ³	1 µg/m ³

Stack Emission Monitoring

Sr. No.	Test Parameter	Unit	MDL
1	Suspended particulate matter	mg/Nm ³	2 mg/Nm ³
2	Sulphur Dioxide SO _X	mg/Nm ³	4 mg/Nm ³
3	Oxides of Nitrogen NO _X	mg/Nm ³	5 mg/Nm ³

STP Water

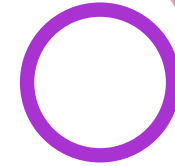
Sr. No.	Test Parameter	Unit	MDL
1	pH @ 25 ° C	--	2
2	Total Suspended Solids	mg/L	4
3	Biochemical Oxygen Demand (BOD) (5 days at 20 ° C)	mg/L	1
4	Residual chlorine	mg/L	0.1
5	Fecal Coliform	MPN Index/100ml	<2

Annexure – 3

Kutch CSR

Six Monthly Report

2023-24



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

Preface

Taking inspiration from the philosophy of our Chairman of trusteeship, the Adani Foundation strives to create sustainable opportunities. It does so by facilitating quality education, enabling the youth with income-generating skills, promoting a healthy society by women empowerment and supporting infrastructure development.

With an aim to contribute to the holistic development of communities, the Adani Foundation is contributing to the global agenda of meeting Sustainable Development Goals (SDGs).

Adani Foundation Gujrat sites are catalyst for rural communities residing in villages of Kutch,, Surat and Bharuch District. AF has transformed

thousands of lives by serving community to uplift their standard of living by performing CSR activities in various in terms of Infrastructure, Social development, Education, Agriculture, Women empowerment, Water conservation and management and empowering fishermen and Tribal community.

Pankti Shah
Head CSR Gujrat
Adani Foundation

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CSR Kutch

Demographic Details

Block	Villages	No. of HHs	Population
Mundra	61 Village and 9 Fishermen Vasahat	35192	153179
Anjar	3 Villages	4350	18500
Nakhtrana	8 Villages	4093	16373
Bite – 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 Panel Making Unit
7. Green to PVC Mundra Limited
8. Adani Kandla Bulk Terminal Port Pvt Limited
9. Adani Solar Limited – Bitta, Abdasa
10. Adani Green Energy Limited – Nakhatrana
11. Adani Green Energy Limited - Khavda
12. Adani Transmission Limited – Mandvi

Environment Sustainability



Action to environment Sustainability



The environment and biodiversity serve as the lifeblood of our planet, playing a crucial role in maintaining ecological balance and sustaining life in all its diverse forms.

Preserving them is more than a necessity; it is a shared responsibility to secure the health and well-being of both present and future generations.

Adani Foundation embodies this commitment through its varied environmental projects.

These range from extensive tree plantation and mangrove restoration to innovative biogas provision, drip irrigation, groundwater recharging, and water conservation.

Environment Sustainability

Water Conservation Project

The water landscape of our Business periphery villages has undergone a significant transformation due to our proactive approach to groundwater and surface water conservation and management work. Our mission is clear – to nurture and sustain water resources. We are primarily focusing on initiatives such as pond deepening, reinforcing check dams, implementing Rainwater Harvesting Systems (RRWHS), setting up borewells, and cleaning river inlets.

These efforts have led to enhanced water storage, ensured consistent water access for drinking and agricultural use.



Sr. NO	Project	Unit	Outcome	Impact
1	Check dam Restrengthening-Nana Kapaya	1	Water Storage Capacity increased by 48000 Cum	60 + farmer's 120+Acre Area of Agri land can be Irrigated
2	Recharge Borewell	21	Reduce Salinity ingress , and preventing water run	150+ farmer's 260+ Acre Area of Agri land for Irrigated
3	Pipe Culvert at Checkdam at Bhujpur	1	prevent water runoff into sea side.	35 farmer's 120+Acre Area of Agri land can be Irrigated

Impact

483

Total area covered (Acre)

335

Total Farmers benefitted (No)

7%

TDS Reduction

7.2%

Increase Revenue %

1150

Reduce in health expenses Monthly



Environment Sustainability

Vruksh Se Vikas – Massive Drive

Since 2014, we have embarked on a transformative journey to execute a wide range of tree plantation drives in collaboration with local communities and forestry departments.

1. Miyawaki Forest Development: Native species plantation in the 2-acre area at Nana Kapaya village, creating a flourishing mini-forest with 5,508 trees,...

2. Massive Public Plantation Drives: Barren spaces were transformed into lush green havens through our massive public plantation drives. One notable example is the Bhupur Visri Mata Temple, where 25,000 trees were planted.



Environment Sustainability



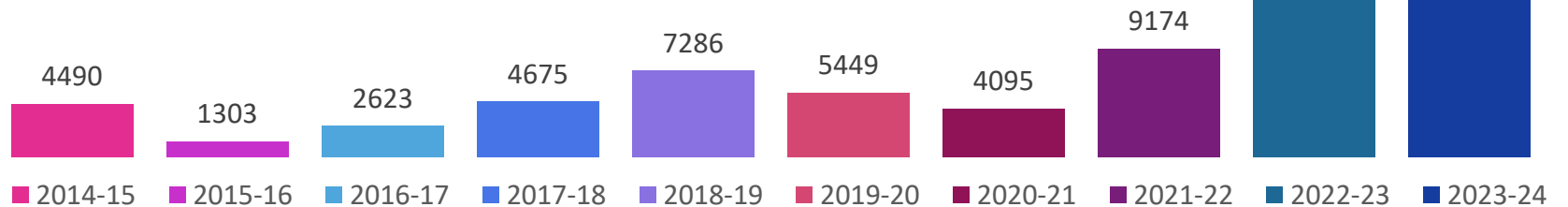
Vruksh Se Vikas – Massive Drive

1.27 Lac tree plantation

Prakrurath: This initiative goes beyond just planting trees; it is about fostering a sense of responsibility towards our environment. Through sapling distribution to individuals, we have empowered communities to take ownership of their surroundings, leading to a heightened consciousness about the environment's significance.



Till the date Total 1.27 Lac tree plantation have been done that has enriched the local ecosystem and also significantly contributed to carbon sequestration



Environment Sustainability

Home Bio Gas

Home biogas systems, adept at converting organic waste into renewable energy, present a sustainable and eco-friendly solution for cooking. We have started this project in 2020, with farmers contributing 10% towards the cost, that persisted till 2022. Since then, we have scaled our initiative by aligning with government home biogas schemes to amplify the reach and adoption of this eco-friendly technology in wider rural regions.

The deployment of home biogas has been particularly transformative for women, offering a healthier, smoke-free cooking environment reducing greenhouse gas emissions.

Current year we process to facilitate 258 Gobardhan unit through Gov.



Phase	unit	Unit Cost In Rs.	AF Support in Lac	Beneficiaries Contribution in Lac	Gov. Convergence in Lac	Total in Lac
Phase -1	125	23200	29	3.75	0	32.75
Phase -2	100	42000	42.0	5.0	0	47
Phase -3	100	42000	0	5.0	37	42
Phase -4	258	42000	6.45	6.45	95.46	108.36
Total	583	149200	77.45	20.2	132.46	230.11

Environment Sustainability

Mangrove Biodiversity



In 2010, we initiated a mangrove plantation project at Luni coastal belt, ultimately leading to 162 hectares of dense mangrove forests. Subsequently, we expanded our efforts by planning and implementing a multi-species mangrove plantation across an additional 20 hectares. 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..

Since PhD scholars and students frequently visit this area for study. we plan to establish it as a Center of Excellence, serving as a hub to create awareness among students and facilitating research activities for scientist

- Spices of Mangroves

4+

- Coastal Spices as habitat preservation

60+

- Hecter Avicennia marine plantation

160+

- Hecter Biodiversity park

20+

* Funded by -Mundra Petro chem Limited

Mangrove Plantation Work Detail

Sr. No	Year	Number	Men days	Remarks
1	2011-12	50000	3000	
2	2012-13	125000	6943	
3	2013-14	60000	1480	
4	2014-15	125000	6501	
5	2015-16	65000	3533	
6	2016-17	20000	3125	
7	2017-18	100000	3666	
8	2018-19		7539	Algal Removal work
9	2019-20		6261	Algal Removal work
10	2020-21		4830	Algal Removal work
11	2021-22	97000	5200	
12	2022-23	100000	4445	
Total		742000	56523	

Environment Sustainability

Plastic free Drive

Objective: The central aim of the Plastic-Free Drive is to empower and enlighten students as key agents of change, enabling them to disseminate awareness and instill the practice of reducing single-use plastics within their community.

1. Educate: Spread awareness about the harmful effects of plastic on the environment, marine life, soil health, and human well-being.

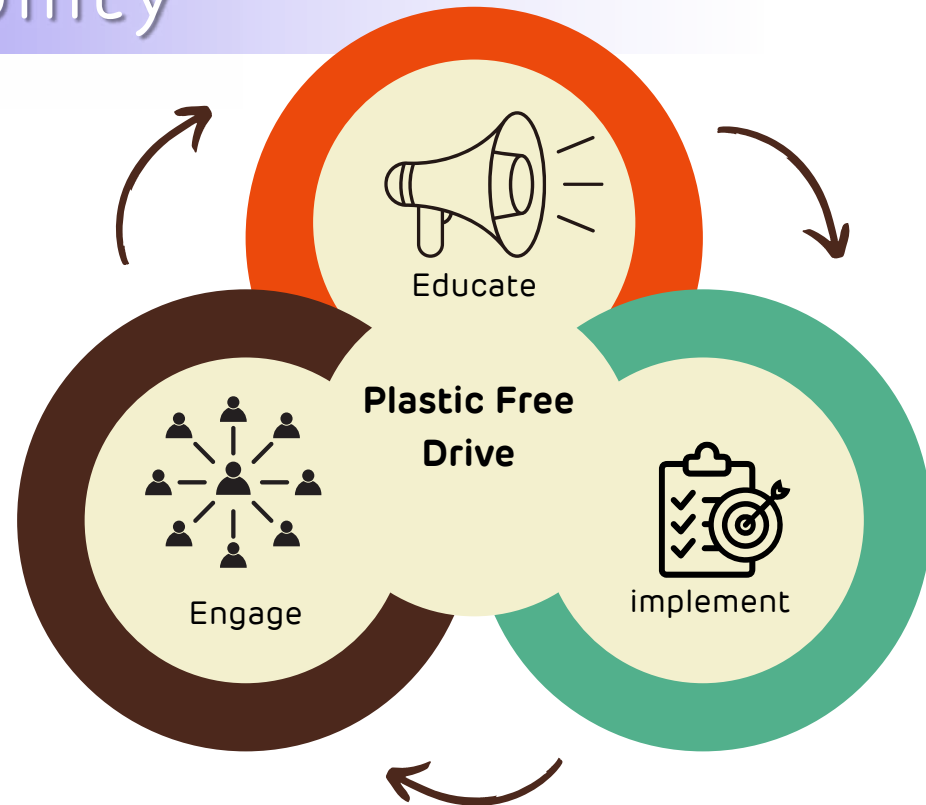
2. Engage: Mobilize community members, especially the youth and family members to actively participate in plastic waste reduction activities.

3. Implement: Introduce sustainable alternatives to ensure proper disposal and recycling. As of now we supply to APSEZ plastic waste management plant.

Outreach :-

10000 Students of Primary Schools.

990 Students of Secondary Schools of Mundra Block.



Environment Sustainability



Natural Farming

Natural farming is an urgent need of the hour, We have initiated a comprehensive approach to promote natural farming practices through a variety of activities aiming to minimize pesticides and chemicals uses ,lead to produce , nutritious, chemical-free produce which is benefitting both farmers and consumers by providing healthier and more sustainable food options as well as plays significant role to flourishing environment and balanced ecosystem.
Funded By GPVC- Mundra Petro chemical limited

250 Farmers

- **Awareness Sessions at Village Level:** Spreading awareness on natural farming benefits and address their concerns.

05 exposure

- **Hands-On Training & Exposures :** Arranged Workshop and training to emphasizing on real-world techniques.

857 Farmers

- **Link with Government Scheme:** facilitation of govt. Cow Nurturing scheme to promote eco-friendly farming practices.

257 Gobardhan

- **Bio-gas Support:** Link with Gov Gobar Dhan Biogas Unit Nutrient-rich slurry serves as an essential organic fertilizer for natural farming

35 Farmers

- **Natural Farming Certification Process** to obtain natural farming certification through the Gujarat Organic Product Certification Agency (GOPCA) for the 35 Farmers who are Members of Raj shakti Sahakrai Mandali.

Rs.7.47 Lacs RG

- **Marketing Assistance:** Provide platforms and resources ensuring fair prices and broader consumer reach.







UTTHAN – FLAGSHIP EDUCATION PROGRAM OF ADANI FOUNDATION

Project Utthan, launched by the Adani Foundation in 2018–19, is an innovative intervention to enhance students' learning capabilities, provide facilities to schools, and achieve better learning outcomes at the grassroots level. The project adopts government primary schools to convert it as model schools, tutors' progressive learners, introduces English as a third language, and conducts various academic and co-curricular activities to enhance quality of education. It also works on staff capacity building and engages educators, SMC members and parents, especially mothers, to improve children's basic literacy and numeracy skills.

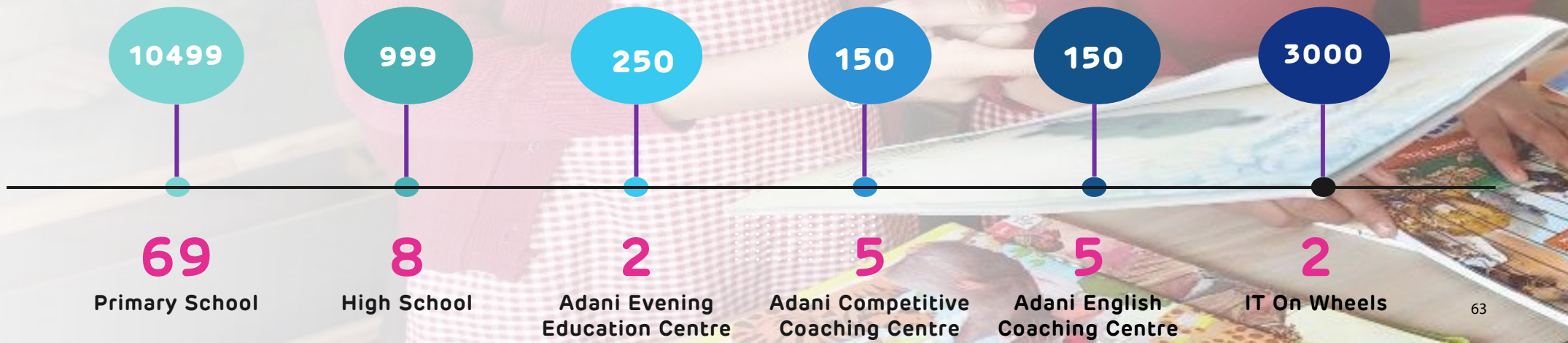


UTTHAN OBJECTIVES

-  Adopting government primary schools
-  Main streaming Progressive learners
-  Enhancing Learning Outcomes
-  Arresting dropout rates
-  Introducing English as a Third Language
-  Enabling Joyful Learning Spaces
-  Collaborating for teachers' capacity building

-  Strengthening Government primary schools
-  Appointing an Utthan Sahayak in each school who acts as a catalyst and facilitator
-  Providing resources and facilities
-  Literacy, numeracy and skills for life
-  Government school teachers' capacity building
-  Special focus on 'Priya' Vidyarthi's (progressive learners)
-  Training students for Competitive exam

UTTHAN REACH





PROGRESSIVE LEARNER

2541 Progressive Learner;
Assessment of 6314
Students (3 to 7 Std.)



MOTHERS MEET

400+ Mothers Meet : 10000+
Mothers Joined.



COMPETITIVE EXAM

877 Students preparing
Competitive Exam. 354 JNV,
273 PSE & 250 NMMS



ENGLISH : THIRD LANGUAGE

5000+ Facilitating
English from Classes 1-4.



LIBRARY ACTIVITY

72000+ Book Issued :
924 Library Activities, OASIS
200+ Reading Workshop



IT ON WHEELS

4170 students
Empowered with digital
skills & knowledge.



SUMMER CAMP

4300+ students of
Primary & High Schools
participated .

Our other various initiatives include:

- ✓ Kutch University has conducted an impact assessment of IT on Wheels, which has been evaluated and certified by the DEO Office.
- ✓ Exposure Visit of Project officers from three different locations to learn about the best practices.
- ✓ Computer Classes in High school : 200 Students took advantages of this computer classes.
- ✓ Career Counselling in 8 Utthan High Schools.
- ✓ Plastic Bag Free village workshop in all High schools.
- ✓ Remedial classes during summer break.
- ✓ Day Celebration : World Book Day, World Environment Day, National Reading Day, International Yoga Day, National Plastic, Bag Free Day, Raksha Bandhan, Independence Day & Celebration of Sports Day.
- ✓ Planned various Capacity Building Program (CBP) & Exposure visit for Utthan Sahayak & Students.
- ✓ Achievements : • Utthan sahayak motivate mothers to open an account of Sukanya Samrudhi Yojana • Utthan supported Taluka levels Kala Utsav in Primary & High Schools. •Utthan Sahayak supported Taluka level Science Fair. •06 students selected in District Level Sports School (DLSS).

Utthan in High Schools

Utthan Aligned With GoI & GoG



Utthan in High Schools

8 High school

2 teachers hired, (1 Math's & Science, and 1 English)

Goal is to improve the students' fundamental skills in these subjects.

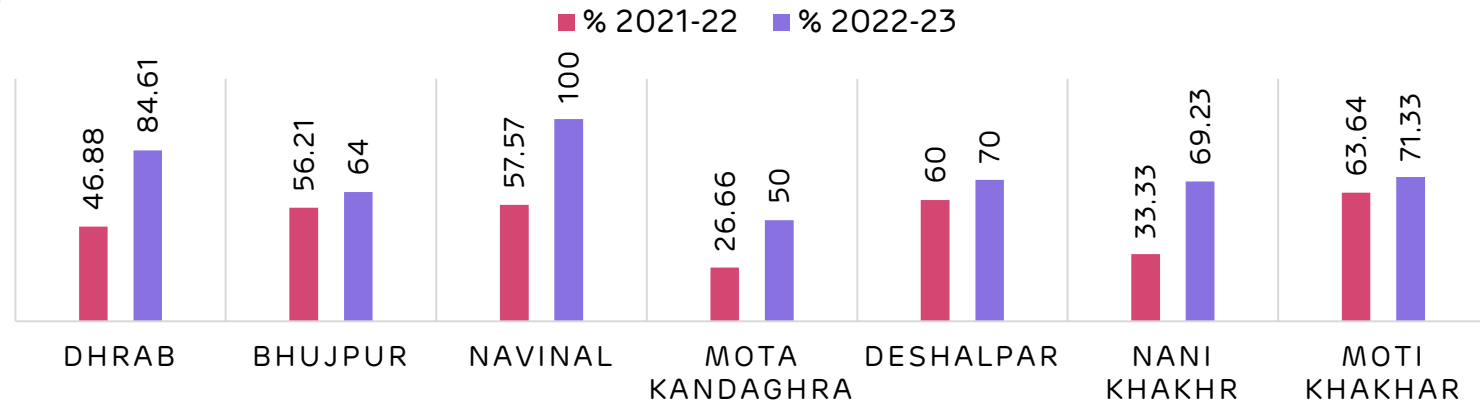
2 AEEC

help students improve their academic performance by revising the syllabus and clearing their doubts

Our trained teachers and volunteers provide personalized guidance and feedback to the students in a conducive learning environment these programs will boost the confidence and skills of the students and prepare them for a brighter future.

Good Board Result

UTTHAN HIGH SCHOOL RESULT COMPARISON



Adani Education Evening Centre is running in 2 centers, where Utthan Sahayak teaches Maths, Science & English for an additional 2 hours. This has had an impact on the board results.



Adani Vidya Mandir, Bhadreshwar

Empowering Communities through Free and Compulsory Education

Adani Vidya Mandir, Bhadreshwar, was established in June 2012 with the goal to have access of quality and cost free Education with essential amenities like food, uniforms, and books, to Financial Weaker community children of the Mundra Block.. The school boasts excellent infrastructure and resources necessary for the holistic development of each student. Children are admitted to the school from Senior Kg to 10th Standard.

Few notable points:

- We are empowering economically disadvantaged families through free and quality education
- We are fostering an environment of academic excellence.
- Pioneering Excellence: The First Gujarati Medium School in Gujarat Accredited by NABET
- Over 600 Students Learning Each Year in AVMB
- More than 35% of enrolled students in AVMB come from the Fisherfolk community.



- Work shop was conducted on Mental Health and behavioral change
- AVMB got 1st rank in Vaadan, Gayan and drawing in Kala Maha Kumbh competition and selected for Next block level competition
- AVMB selected for district level Kho-kho Match competition organized by SGFI-School Game Federation of India,
- 2 students selected for District Level Athletic Competition

AVMB STD 10 – SSC Board Result (2022-23)		
Sr. No.	Grade	Student
1	Above 80%	8
2	Above 70%	8
3	Above 60%	6
4	Above 50%	0
5	Above 40%	1
	Total Students	23

100% Success: Adani Vidya Mandir Bhadreswar's Remarkable Achievement in Gujarat Board Standard 10th Examination.

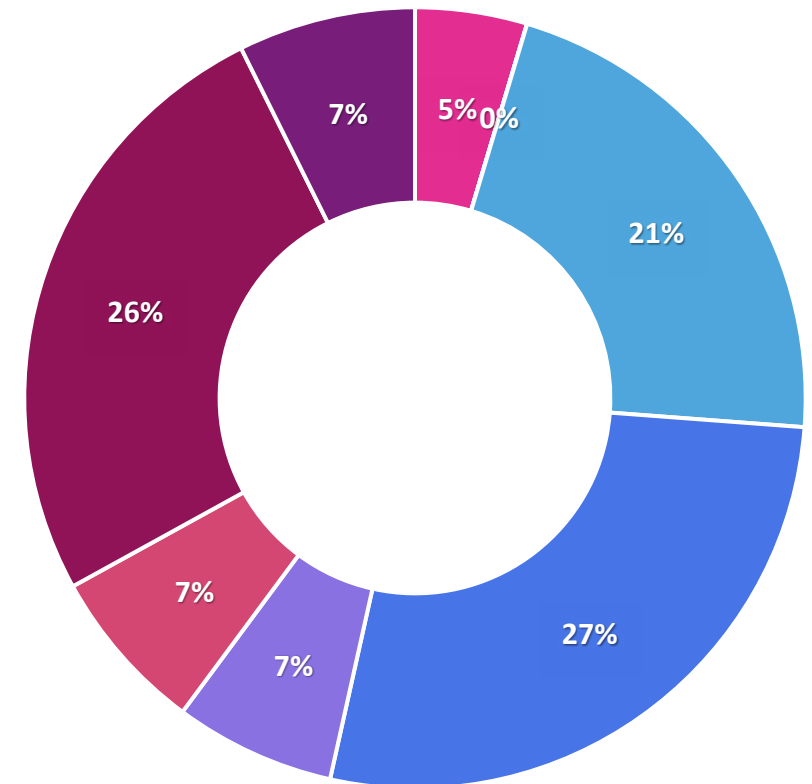


Community Health

Quality healthcare is not just about addressing illness; it's about providing everyone an equal opportunity to not just long life, but also rich in quality.

At the Adani Foundation, our steadfast commitment is to offer accessible and affordable healthcare. Through Our diverse healthcare initiatives which are dedicated to cultivating a healthier society to the develop strong and vibrant nation."

CH MIS Data Month April to Sep - 2023		
Sr. No.	Projects	Total
1	Medical Supports	1007
2	Diaylsis	58
3	Mobile Van	4690
4	Rural Clinice	5939
5	Health Camp	1448
6	Speciality Health Camp	1489
7	Ayushman Card	5584
8	Blood Donation Camp	1598
Total		21757





Our Mobile Health Care Units and Rural Clinic Services have made significant strides in delivering essential healthcare to remote rural areas and underserved populations Since the inception.

MHCU Outreach :- 29 Villages -31 Stoppage

Rural Clinic:- 7 Villages Of Mundra And Mandavi Block

SROI 1:541 (Ref.Soulace impact assessment report)

- **10629 individuals** benefited from the services.
- **35 villages** villages covered.
- **20 %** average savings on healthcare-related costs.
- **25%** People are aware and become health Conscious

29-Villages 31-MHCU Stoppage 7-Rural clinic

Medical Support Poor Patients.

Adani Foundation's Medical support program is a beacon of hope for the less fortunate, offering aid for a diverse range of ailments, from kidney problems to heart conditions and beyond at Our Adani Hospital Mundra.

In the critical cases, after stabilizing patients we refer them to GKGH, Bhuj, for advanced treatment with ened to end co-ordination

Live Impacted -1008 People



Community Health



Dialysis Support:

In Mundra, where water quality challenges contribute to a higher prevalence of urinary infection lead to kidney failure cases. Our Dialysis Support Program is designed to assist those in extreme need and Financial weaker.

The program is not only alleviating their financial burden but also enabling them to lead healthier lives.

Live Impacted:- Two Patients 58 Times

Our health camp initiatives are designed to bridge healthcare gaps in underserved regions, offering a holistic approach for community well-being with combining Preventive and Precautionary measure through Awareness session , Health check Camp, screening and treatment.

The "Cataract-Free Mundra"

The initiative is a dedicated effort to eradicate cataract-related vision impairments specially focused on Senior citizen through Meticulous planning as below.

Outreach:- 9 Villages

Lives Impacted:-473

- Comprehensive Eye Screenings at Village level
- Cataract Surgeries to GKGH ,Bhuj
- Post-Operative Care and Follow-up.

As well as we arranged gynecological and ophthalmic and general health camp at Village level in collaboration with KCL limited, GKGH Bhuj, and THO

*Mundra - Kutchh Copper Limited

CH MIS Data Month April to Sep - 2023

Sr.	Projects	Total
1	Health Camp	1448
2	Speciality Health Camp	1489
3	Blood Donation Camp	1598
Total		4535



Community Health

Ayushman card facilitation

Ayushman Bharat PM-JAY is a global healthcare milestone, offering an unprecedented health cover of Rs. 5 lakhs per family annually for secondary and tertiary care. Adani Foundation has started 100% Ayushman Card coverage in all villages of Mundra in coordination with the District Health Department.

Villages -25 Villages

Live Impacted:- 5,584
Ayushman cards have been Issue.

25 Village
5,584 Ayushman
cards Issue



Women Health & Well Being

Outreach-18 Village

Lives Impacted:-2230+ women.

- **Gynec Health Check-ups:**
Conducted thorough check-ups, with GKGK referrals when necessary.



Sustainable Livelihood Development

"Raj Shakti Prakrutik Kheti Sahkari Mandali



The Adani Foundation has taken a proactive step by organizing awakening and awareness sessions to promote natural farming practices in Mundra block Villages. These efforts led to the formation of the "Raj Shakti Prakrutik Kheti Sahkari Mandali," comprised of 35 dedicated farmers who are deeply committed to natural farming.

We have started green Carnival to provided a platform for these farmers to sell their agricultural produce in our two colonies in Mundra. Encouraged by positive feedback, the farmers have set-up a organic Agri produce shop in Mundra, It serves as an inspiration for others to embrace eco-friendly agricultural practices. Now 302+ farmers are collaborated with Mandli.

Previously, these farmers used to sell their produce in bulk to vendors. Now, they are able to sell directly to consumers, leading to a 35% increase in their income. Furthermore, they have applied for the "GOPCA" certificate from the Gujarat Organic Product Certification Agency, highlighting their commitment to organic farming practices.

They have started Collective organic farming in the 200 acre of agri land with proper fencing and technique.

Rajshakti Prakrut sahakari Mandali had Opportunity to meeting with honorable Governor of Gujarat Achrya devvrat at Gandhinagar on 30 August. As well as had exposure to Gautirth vidhyapith Bansi ghar Gaushala,Ahmedabad.



Sustainable Livelihood Development

Dates Restoration

In the aftermath of the devastating Bipor Joy cyclone, our farming community faced a severe setback as numerous Date, Mango, and other fruit plants were damaged and uprooted. These plants, which served as a vital source of income for farmers, were left in shambles.

To address this crisis and provide a ray of hope, we embarked on the Dates Restoration Project in collaboration with Krishi Vigyan Kendra (KVK) and other agricultural experts. This project aimed to rejuvenate and revive the fallen Date plants.

As of the current date, 615 Date plants have been successfully restored. These plants are now on the path to recovery and are expected to bear fruit in the upcoming season this will providing significant financial relief to farmers.

Kitchen Garden Kit

We have supported vegetable kitchen garden kits to 500 farmers with the aim to enable them to grow fresh and nutritious, chemical-free vegetables. This will enhance their food security and promote self-reliance.

Tree Restored : 500 Unit

Each Date trees is projected to yield approximately Rs. 25,000, Total Yield in Next Season:-Rs.1.53 Cr.



Sustainable Livelihood Development

Fodder Support

Our Fodder Support Program is dedicated to assisting our neighboring villages during the challenging seasons of summer, drought, and crop failures. Through this program, we have provided a significant amount of Green and dry Fodder to ensure the well-being of both the communities

Grassland Development Program

We have started Grass land development with a primary objective to create a self-sustaining village by converting common pastureland (Gauchar) into fertile and productive grasslands to ensure a reliable source of fodder for the community, especially during challenging times.

Total area :- 213 acres of gauchar land has been cleaned and allocated for Grass land development with strong Community Contribution and Mobilization.

Villages : Zarpara ,Siracha, Gundal , Kukadsar

Out put:- Cattle relayed for one Month due to fodder Production

Cattle Health camp

we had arranged Cattle Health Camps, in close coordination with Government Veterinary doctors and the Animal Husbandry Department, dedicated to ensuring the crucial veterinary care to a significant number of cattle, effectively addressing their immediate health needs. To date, we have successfully treated more than 500 cattle, ensuring their health and vitality.



799413 Kg Dry Fodder Support

2353303 Lac Kg Green Fodder Support

24 Beneficiary Villages

16000 Cattle benefitted :-



Sustainable Livelihood – Fisherfolk Community

Education



Vehicle Transportation Facilities

We extend vehicle transportation services to school-going children from Luni and Randh Fishermen Settlements to the AVMB School, Bhadreshwar. Similarly, we ensure for Juna Bandar Fisherfolk Students to the nearest Government School and enable them to school for regularity and easy to reach school.

Funded By AF - 165 Students
Funded By - 53 Students

Education Kits Support

Education Kits including notebooks, guides, and bags, to fisherfolk students studying in 9th to 12th standard to enhance their learning experience

Funded By AF - 15 Students
Funded By GPVC - 42 Students

Outcome

- Increased Attendance- 75%
- Enhanced Learning: 20%
- Parental Engagement:- 25%
- Cultural Shift:-10%

Educational awareness sessions were conducted in four Fisherfolk Vasahat of GPVC Villages to highlight the importance of education, with a particular focus on promoting girl-child education.

Primary Schools - 445 Students
Secondary Students - 42 Students

Youth employment

Our main objective is to offer sustainable employment opportunities to the local fishing community in APSEZ Mundra. We bridge the gap between industries and Fisherfolk youth by facilitating job placements.

Currently, we have successfully engaged a total of 12 Fisherfolk youth in this endeavor.

Scholarship Support

We are deeply committed to empowering the future of fisherfolk communities through education. To this end, we provide scholarship support to 30 deserving students, covering their actual school fees. In our unwavering commitment to promoting gender equality and advancing girl child education, we extend 100% fee support to female candidates and 80% to male candidates."



Sustainable Livelihood – Fisherfolk Community



Cement Roof Sheet Support

fisherfolk Home were significantly damaged by the Bipor Cyclone. In response to that we provided 2696 cement sheets to 336 fisherfolk households of Juna Bandar, Luni, and Randh Bandar to support their recovery."

Potable water Distribution

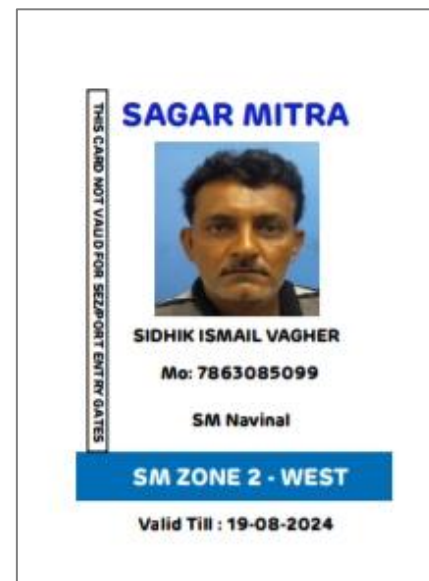
Providing access of potable Drinking water Facilities to Nine sherfolk vasahat on Daily bases, either By Water tanker or Linkage with Nearest Gram panchayat.

More than 5000 Fisherfolk Population are getting benefit which impact on their health and efficiency.

Sr. no	Vashat Name	Population	Water Quantity in KL
1	Luni Bandar	401	15000
2	Bavdi Bandar	535	20000

Sagar Mitra

We have introduced the 'Sagar Mitra Card' to simplify access for Fisherfolk to specific fishing routes within APSEZ. This digital card is connected to a digital punching machine located at designated entry points. Initially, we have implemented this system for Navinal Fisherfolk, and so far, we have issued a total of 57 Sagar Mitra Cards."



Women Empowerment

Project Saheli

- Kutch Copper Limited is dedicated to empowering women both financially and socially. To that end, a comprehensive training program that has reached **850 women across 82+ Self Help Groups with 30+ Lacs saving Corpus**, out of which 5 groups have outstanding revenue generation.

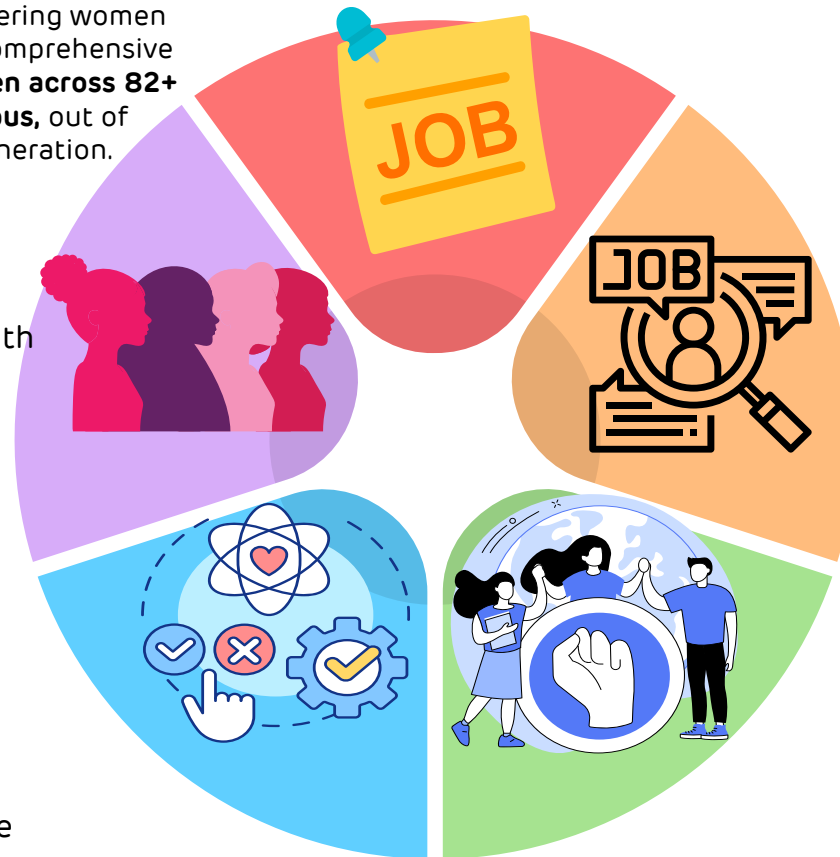
Self Help Groups

- 82 Self Help Groups in coordination with National Rural Livelihood Mission.
- 850+ Members
- 31 Lacs Saving Amount Corpus

Making SHG Self Reliant

- 16 SHG are on path ways of self reliance.
- Various handicraft, dry and fresh food making, stitching, tie and die etc.
- 160+ women - Monthly average income @ 7000 of each member oer Month

* Funded by – Kutchh Copper Limited



Job Sourcing - Govt

- 11 Women supported for application and process of Gram Rakshak Dal, Bank Sakhi, Bima Sakhi and Professional Resouce Person.
- Average income 4200 Per Month

Job Sourcing - Private

- Coordination for Job by Unnati Portal with Adani Group company companies, Britania, B Medical and Emphazer company
- 387 Women supported till date for job sourcing of 18 villages
- Average income 10200 Per Month

Social Empowerment

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

Women Empowerment

Menstrual Hygiene Awareness

Objective :-

To educate and empower rural girls and women about menstrual health, break down negative social views on menstruation, supply to enhance their overall health, education, and empowerment."



* Funded by – Kutchh Copper Limited

18 Villages

1587 Women participated

494 School girls

Till date 36% women had never used sanitary Napking single time now they started using due to our intervention. This will reduce UTI @ 22%. As our sample survey

Process



Conducted Awareness Session at Village level



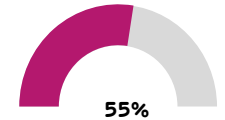
Awareness Session at Schools



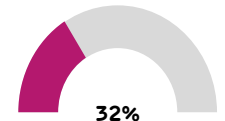
Provide Sanitary pad



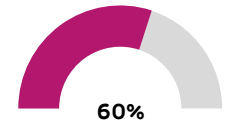
Feed back and Evolution



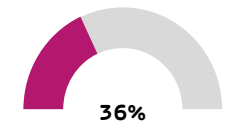
55%
Women Never heard about Menstrual hygiene



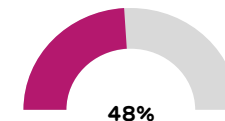
32%
Women faced mild infection in life-time



60%
were using cloths on regular basis



36%
Women had never Used sanitary pads



48%
Women had no information about UTI

Women Empowerment

Millet Program

Village Name	Women Participated	Millet dish prepared
Bidada	67	22
Moti Bhujpur	61	12
Mundra	50	20
Mota Bhadiya	50	22
Mandvi	50	24
Siracha	40	14
Tragdi	24	13
Nani Bhujpur	37	23
Kandagra	36	15
Navinal	36	24
Nani-Khakhar	36	18
Nana Bhadiya	25	12
Deshalpar	33	17
Total	545	236

International year of Millets-2023

With the vision of promoting the culture touch, awareness, benefits and consumption of millets in Mundra, we conducted Millet competition in Nine villages.

Evolution & Feedback

Prize Distribution

Arranged Millet Food Competition

Conducted Awareness Session at Village level

Collaboration With ICDS

* Funded by – Kutchh Copper Limited

Never heard about millets or it's benefits 60%

Never used millets in diet 30%

Unhealthy lifestyle 75%

Learned new and healthy dishes 80%

Weight Management 55%

Other disease 35%

Community Infrastructure Development

Adani Foundation is dedicated to enhancing the quality of life of communities under the **Community Infrastructure Development Initiative**. It acknowledges the government's role in providing fundamental infrastructure facilities and strives to bridge gaps, ensuring its activities are tailored to meet specific needs and responsive to grassroots requirements. Some of the initiatives include constructing check dams, deepening ponds to augment water storage capacity, infrastructure support to fisherfolk communities, and facilitating access to clean drinking water for villagers.



GPVC



Restrengthening & Desilting of Check dam – 720+ Benefited



Road Renovation and Civil Maintenance Work at Fisherman Vasahat – 600+ Benefited



Construction of Pipe Culvert – 400+ Benefited



River Cleaning and JCB Support - 2250+ Benefited



10 JCB Support for 45 days to Farmers for Cleaning Vadi vistar after cyclone – 1650+ Benefited



6 Percolation Bore well Recharge – 4000+ Benefited

KCL



4 location Pipe Support – 4800+ Benefited



Renovation of High School at Zaarapa – 2200+ Benefited



Renovation of Approach road Vadi Vistar at Mota bhadiya village.- 7200 Benefited



3 Villages - Renovation of Godown and Gauthala Shed

Community Infrastructure Development



377 - AC Roof sheet support to Fisherfolk Vasahat – 1700+ Benefited



2 Development of Common Gathering flooring work – 4000+ Benefited



195 Stall – Vegetable market– 900+ Benefited



Solar Panel System at Mundra – 600+ Benefited



Maintenance, Fencing & Material Support - 30+ Benefited



Renovation of Shed at Shekranpir Bhopavandh - 2000+ Benefited



Work done during Biparjoy Cyclone

Cyclone Biparjoy caused huge losses in Mundra and nearby villages. Adani Foundation's worked for relief and recovery with Panchayat & Government body. More than 17,000 people benefited from various efforts.

Adani foundation consider this as ethical responsibility and a source of satisfaction. Stakeholders and government bodies also appreciated the efforts.

Meetings with Taluka & District government officials to facilitate assistance and coordination with local authorities.



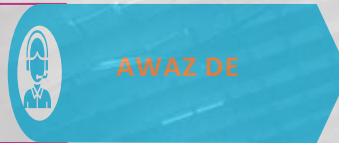
Connect With Government & community

Health teams and ambulances on standby in case of emergency.



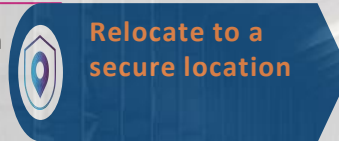
Health Team

Reached to more than 10000 people by Awaz de to aware all, specially for fisherfolk settlement.



AWAZ DE

4500+ Workforce migration with basic amenities.



Relocate to a secure location

100+ Team member distributed for each taluka/Villages as per requirement



Duty delegation



Monitoring

Tracking the cyclone's progress by AF team member.



Connect

Team members in directly touch with 10 Temporary housing & 60 Villages.



Government

Co-ordinating with Government organizations from Talati to Collector.



Panchayat

Co-ordinate with Gram panchayat in case they need any emergency support.

Pre-cyclone preparation



- Team distribution
- Workforce migration
- Basic amenities
- Awareness efforts.
- Meetings with government.

During cyclone



- Food and shelter provision
- Fodder support
- Awareness messages
- Vehicle support.
- Coordination with Panchayat

Post-cyclone relief



- Temporary housing
- Food packets
- Excavator support
- Transfer of affected individuals.
- Provision of fodder



Some
Glimpses of
BiporJoy
Relief Work



PROJECT UDAAN



202 institutes visit

5 Corporate visit

13226 Participants



The Project Udaan is an educational initiative led by the Adani Foundation, with the overarching goal of inspiring students to think big through a comprehensive educational mission. As part of this initiative, educational tours are organized, allowing school and college to visit various Adani Group facilities, including Adani Port, Adani Power, and Adani Wilmar refineries at different locations. These tours provide valuable insights for students to aspire for great achievements in their own lives. Moreover, the project enhances students' learning experiences and encourages them to envision themselves as future entrepreneurs, innovators, and leaders.

During six month Udaan project had conducted 202 institutes visit and 5 corporate visit. Total 13226 participants (7688 Male Students, 4861 Female Students and 677 Faculties).



Adani Skill Development Centre

Total Admission in Both centre 2023-24

Mundra

Courses	Female	Male	Total	Revenue Generated
Digital literacy	4	3	7	4130
Hydrography	-	3	3	15,000
Advance Excel training	-	18	18	18,850
RTG Crane Operator	-	15	15	1,50,000
Mud work	30	-	30	Fees Received on F.Y. 2022-23
Solar Technician	-	-	Training Completed on F.Y. 2022-23	42260
Total	34	39	73	2,30,240

Bhuj

Courses	Female	Male	Total	Revenue Generated
Digital literacy	34	10	44	25960
Hydrography	-	9	9	45,000
EDP – Tie up with CED	09	21	30	14500
GDA	14	09	23	1,35,280
5 S	-	01	01	590
Interview Skills	-	01	01	00
Industrial Safety	-	01	01	3540
Total	57	52	109	2,24,870

Adani Skill Development Centre, Mundra

Digital Literacy

Digital literacy training was provided to seven students at Bhujpur Government High School, and as a part of the DEO project, certificates were distributed .

RTG Crane operator

RTG crane operator training is successfully given to 15 candidates.

Beauty therapist

The distribution of certificates for beauty therapist training celebrated the successful culmination of the program

Mud work

After the mud work training in Dhrab Village, a certificate distribution ceremony was held, benefiting a total of 30 female participants.

Advance Excel training

Eighteen employees from Sumitomo India Ltd. Co. underwent advanced Excel training, significantly boosting their skills.



Adani Skill Development Centre, Bhuj

Digital Literacy

ASDC has partnered with Tally as the Knowledge Partner for its Tally - GST course. The first batch, consisting of 16 students from Bhuj location, achieved a remarkable 100% pass rate.

Real-time exposure

Twenty-five Nursing Assistant trainees gained valuable real-time experience in Emergency services through interactions with 108 Ambulance services and an industry visit.

We offer on-the-job training to nursing students to build their confidence and prepare them for delivering high-quality patient care.

Hydrography training

Provided practical Hydrography training to nine participants.

Entrepreneurship Development Programme (EDP)

Conducted EDP training in collaboration with CED, Gandhinagar, for a total of 30 trainees.

Placement

We successfully hosted a placement drive at our center on April 23rd, where 11 out of 15 candidates secured positions at KK Patel Hospital with an impressive average monthly salary of Rs. 17,000.



AKBPTL - TUNA

ADANI KANDLA BULK TERMINAL PVT LTD -TUNA

Potable Water Distribution

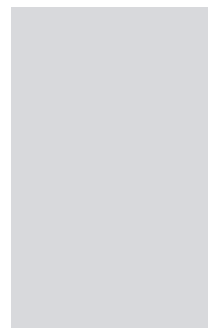
Potable water (17.5 KL per Day)
Distribution to Vira and
Dhavlvaro Bandar on regular
base through Water tanker
Regularly through **AKBTPL and
GWIL**



Fodder Support

Support of Dry & Green Fodder
to Tuna and Rampar Village and
Gaushala during Scarcity. That
impacted on Cattle health and
Milk Productivity.

Total 7410 Kg Dry and 447473
Green Fodder Distribution
1228 3 Villages1228.



Prakrut Rath –Tree Plantation

Total 3000 Tree sapling were
distributed to individual And 500
tree have planted at Common
place and school with ensure
their responsibility for watering
and caring.

The paver block work at Vandi and Tuna
Common Gathering which enhances their
usability and convenience for the
community. During the monsoon season,
certain areas of Wandi village get
waterlogged , we took measures to clean
and address the issue Immediately.



AGEL-Dayapar

Dayapar Adani Wind Energy project is a large-scale wind power project located in the Kutch district of Gujarat, India. It is one of the biggest wind farms in the country, with a total capacity of 575 MW. The project was developed by Adani Group and Inox Wind, it project was commissioned in April 2019 and supplies clean energy to various states in India through power purchase agreements with Maharashtra State Electricity Distribution, NTPC, PTC India



Sr. No.	CSR Activities	Beneficiaries	
1	Ayushman Health card Camp	86	Nana Valaka & Mota Valka
2	General health camp	267	Nana Valaka & Mota Valka Ghadani, Paneli
3	Animal Health camp	1,500+	Gahadani
4	Tree Plantation	5,435	AGEL Surrounding Villages



Village Name									
Village Detail	Mota Valka	Paneli	Ghadani	Ludbay	Amara	Muru	Deshalpar	Haroda	Total
Total Household	224	87	357	278	700	218	351	120	2335
Population	926	520	2224	1509	1913	1329	2025	718	11164
Male	473	261	1110	807	943	696	1026	379	5695
Female	453	259	1114	702	970	633	999	339	5469
BPL	79	34	155	83	180	123	138	24	816
ICDS-Anganwadi	2	1	2	1	2	1	1	1	11
Children Number	180	18	112	35	65	35	32	15	492
Primary School	2	1	2	1	2	1	1	1	11
Students	298	61	242	145	325	143	237	40	1491
Higher secondary School	No	No	No	No	1	No	1	1	3
Students					35		63	20	118
Disable Person	3	3	11	7	5	2	6	5	42
Pond/Chackdams	9	12	8	8	8	6	4	7	62
Two Wheeler	125	40	100	37	80	47	117	40	586
Four Wheeler	25	10	30	15	30	21	38	3	172
Loading Vehicle	1	2	1	6	3	7	9	4	33
Cattle Poppulation	3905	672	1937	3911	1375	1250	1375	1250	15675
Cow	100	166	180	100	175	230	80	100	1131
Buffalo	3750	162	367	3756	350	220	325	250	9180
Sheep/Goat	55	344	1390	55	850	800	970	900	5364
Total Milk Production-(Ltr)	1520	1000	1100	1400	514	700	550	600	7384
Dairy	2	1	2	1	2	1	1	1	11
Land Details (Accor)	2112	3009	2914	268	3154	5678	2015	2043	21193
Farming Land (irrigated)	452	447	805	10	914	317	715	450	4110
Non Irrigated	345	300	510	94	720	335	93	110	2507
Gauchar & Other Land	1315	2262	1599	164	1520	5026	1207	1483	14576
Health Facilities									0
PHC	1	1	1	1	1	1	1	No	7
CHC	No	No	No	No	1	No	1	No	2
Drinking Water									
Home connection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Sanitation									
Toilet facilities	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Electric Facilities									
Individual home connection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Women SHG	7	3	8	2	1	5	11	No	37 ⁹²

AGL Khavda

Adani Khavda renewable solar plant is a hybrid power project that will use both solar and wind energy to generate electricity. It will be built in the Khavda desert along the Indo-Pak border in Kutch district of Gujarat, having Total capacity of 20,000 megawatts (MW), making it the world's largest hybrid renewable energy park and will cover an area of 72,600 hectares of waste land¹.

It is expected to play a major role in fulfilling India's vision of generating 450 gigawatts (GW) of renewable power by 2030.

Tree plantation:- We distributed 650 tree saplings to primary schools along with an awareness session highlighting the importance of trees.

Ayushman Card Facilitation to Dinara, Khavda, Birndiyari, Gorivalli Villages. Total 311 Card Issued.

We have conducted Primary baseline assessments and created Village profile of 07 villages and identify their specific needs, aspirations, and developmental potential. Though we have started some entry point activities and Based on Village profile data Initially we will start Project Utthan and Some Health and Livelihood projects.



Village Name								
Village Detail	Mota & Kotada	Kuran	Mota Dinara	Nana Dinara	Khavda	Tuga & Jam Kunariya	Khari	Total
Total Poppulation	5500	1800	7500	4000	11000	3300	3600	36700
Total Family	700	300	3000	2500	800	673	470	8443
SC	NO	YES	NO	NO	YES	NO	YES	
ST	NO	NO	NO	NO	YES	NO	NO	
OBC	YES	YES	YES	YES	YES	YES	YES	
General	NO	YES	NO	NO	YES	NO	YES	0
BPL	35	60	500	300	37	500	100	1532
ICDS-Anganwadi	YES	YES	YES	YES	YES	YES	YES	
Children Number	250	45	350	200	300	300	150	1595
Primay School	YES	YES	YES	YES	YES	YES	YES	
Secondary School	NO	YES	NO	YES	YES	YES	NO	
Higher secondary School	NO	YES	NO	NO	YES	NO	NO	
Above 18 to 30 Yrs: 10th pass	15	200	60	12	40	50	40	417
Disable Person	40	12	100	17	10	15	25	219
Senior cityzone	100	100	100	500	500	80	300	1680
Widow	50	60	60	50	20	30	60	330
Unemployed Youth	200	45	40	20	50	120	100	575
Two Wheeler	150	150	250	50	300	70	200	1170
Four Wheeler	15	50	50	25	80	15	20	255
Loading Vehicle	10	43	50	90	100	57	30	380
Cattle Population								
Cow	3400	400	4000	6000	250	8000	3000	25050
Buffalo	3000	350	3000	300	1500	600	10000	18750
Sheep	200	100	1000	1500	50	360	150	3360
Goat	600	2000	2500	200	800	3300	2500	11900
Total Milk Production-(Ltr)	1500	600	2000	6000	3000	3200	4000	20300
Dairy	2	2	3	4	2	2	2	17
Land Details (Accor)								
Farming Land	1000	2500	12500	3200	741	2000	600	22541
Gauchar	200	4500	2000	1800	100	412	480	9492
Health Facilities								
Sub-PHC	NO	YES	YES	NO	NO	NO	YES	
PHC	NO	NO	NO	YES	NO	NO	NO	
CHC	NO	NO	NO	NO	YES	NO	NO	
Drinking Water								
Home connection	YES	YES	YES	YES	YES	YES	YES	
Sanitation								
Toilet facilities	NO	YES	YES	YES	YES	YES	YES	
Electric Facilities	YES	YES	YES	YES	YES	YES	YES	
Individual home connection	YES	YES	YES	YES	YES	YES	YES	
Women SHG	NO	NO	NO	NO	NO	NO	NO	
Sakhi mandal	NO	NO	NO	NO	NO	NO	NO	

Sanghi Cement

Sanghi Cement, located near Moti ber village of Abdasa block, in Kutch, Gujarat, stands as a notable player in the cement industry. The company's presence in the region has a significant impact on the local economy and community.

We have conducted Primary baseline assessments of Sanghi Cement Periphery 10 villages. The primary objective of this initiative is to gain a deep understanding of the socio-economic and environmental conditions of these villages, to identify their specific needs, aspirations. Based on that we will design Comprehensive CSR Projects in the core of education, healthcare, livelihood enhancement, women's empowerment,.

6.6 MMTPA capacity
Clinker Plant

6.1 MMTPA capacity
Cement Plant

143 MW capacity power
plants



Village Detail	Village Name										
	Nani Ber	Moti ber	Vayor	Hothaiy	Aakri Moti	Nava Vas	Golay	Pakho	Jadva	Pipar	Total
Total House Hold	137	606	1129	116	227	79	288	39	732	192	3545
Poppulation	478	2205	4027	534	426	215	642	130	254	881	9792
Male	248	1272	2715	266	224	111	316	72	373	429	6026
women	230	933	1312	268	202	104	326	58	359	452	4244
BPL											
O-16 Roster	17	24	39	7	51	13	8	9	12	41	221
O-20 Roster	53	56	76	18	70	20	44	11	25	76	449
others	36	21									57
ICDS-Anganwadi	1	3	4	1	2	1	2	0	1	1	16
Children Number	32	122	284	66	34	27	87	0	31	26	709
Boy	20	80	169	35	22	15	45	0	20	15	421
Girl	12	42	115	22	13	12	32	0	11	11	270
Primay School	1	3	2	1	2	1	1	1	1	4	17
Studnets Number	114	401	407	93	59	21	136	19	141	203	1594
Boy	64	213	219	35	33	11	74	8	72	100	829
Girl	50	188	188	22	26	10	62	11	69	103	729
Secondary School	NO	NO	1	NO	No	No	No	NO	No	No	1
Studnets Number	4	4	55	0	5	0	3	0	8	6	85
Boy	0	0	37	0	0	0	0	0	0	0	37
Girl	0	0	18	0	0	0	0	0	0	0	18
Higher secondary School	NO	NO	YES	NO	NO	No	No	0			0
Arts stream-Students	8	5	18	0	0	0		0	10	0	41
Science Stream	No	0	4	0	0	0		0			4
Agriculture											0
Farmers	55	85	151	35	84	15	63	0	53	43	584
Gruh Udhuog	1	0	0	0	0		0	0			1
Cattle Poppulation											0
cow	137	430	366	61	212	350	276	180	1228	581	3821
Buffalo	429	537	426	310	224	43	551	227	1127	841	4715

Village Name											
Village Detail	Nani Ber	Moti ber	Vayor	Hothaiy	Aakri Moti	Nava Vas	Golay	Pakho	Jadva	Pipar	Total
Land Details (Hector)											
Forest	195	191	0	0	0	432	1098	513	0	0	2429
not usable	128	35	406	0	705	116	23	399	1020	4236	7068
Non agri	386	323	35	466	35	0	16	478	1543	9	3291
barred	444	760	209	154	893	24	0	60	96	634	3274
Farming Land	710	281	1083	134	710	66	1167	0	338	400	4889
Gauchar	0	83	113	48	1142	0	32	128	398	98	2042
others					118						118
Irrigation Land-(Hector)		0									0
Canal	102	0	0	0		0	0	0	0		102
well	35	80	50	44	3	0	0	0	0	200	412
lift irrigation	15	44	0	0		0	16	0	56		131
Health Facilities											0
Sub-PHC	No	1	2	No	No	No	No	No	No	1	4
PHC	No	No	1	No	No	No	No	No	No	No	1
CHC	No	No	No	No	No	No	No	No	No	No	0
District Hospital	No	No	No	No	No	No	No	No	No	No	0
Drinking Water											0
Home connection	85	227	990	116	172	79	288	39	254	102	2352
without connection	52		139	0	25	0					216
Sanitation		227									227
Toilet facilities	137	227	990	116	167	60	288	39	200	100	2324
without drainage connection	50		840	0	30	19			54		993
Electric Facilities											0
individual home connection	137	227	990	116	113	60	91	37	240	100	2111
Agri connection	35		10	7	7	0		10	30	2	101
Women SHG	2	2	3	0	1	0		0	3	2	13
Sakhi mandal	11	12	23	4	1	0	5	0	4	15	75
Others											0
Senior Citizen card	5	3		2	21	2	2	0	2	10	47
Widow Pension	1	1		4	3		1	1	26	8	45
Ayushman Card	20	35		32	24		0	0	0	0	111
Disable Pension			3		0		1	0	2	0	6
LPG Gas	58	1	780	10	19	10	60		100	15	1053

ATL-Mandvi & Rapar Block Villages

Adani Transmission is a company active in the power transmission and distribution sector in India and internationally. It holds a significant position as one of India's largest private sector power transmission companies, with a combined network spanning over 12,000 circuit kilometers. We will start CSR initiatives in 12 villages located within the Mandavi and Rapar Block areas, intersected by the Adani Transmission Line."

We have conducted Primary baseline assessments and created Village profile of 12 villages and identify their specific needs, aspirations, and developmental potential. Based on that We have started CSR Activities in the core of education, healthcare, livelihood enhancement, women's empowerment,.



Village Name							
Village Detail	Kidiyanagar	Bhimasar	Moti khakhar	Gangapar	Moti Bhadai	Nani Bhadai	Total
Total House Hold	1300	1765	436	80	250	116	3947
Poppulation	9000	15000	2139	272	1171	498	28080
BPL	250	290	50	1	31	10	
ICDS-Anganwadi	10	10	1	0	1	1	23
Children Number	30	600	34	0	38	20	722
Primay School	10	13	2	1	1	1	28
Studnets Number	1083	1547	246	6	160	160	3202
Secondary and high secondry School	125	245	144	0	120	NA	634
Agriculture							0
Farmers	650	750	150	80	200	105	1935
Gruh Udhug	1	0	1	NA	NA	NA	2
Cattle Poppulation							
Cow	400	750	700	100	686	600	3236
Buffalo	2600	1000	500	NA	768	188	5056
Sheep	1500	2500	1000	NA	100	NA	5100
Goat	1500	2500	1000	NA	200	NA	5200
Land Details (acers)	16702	4777	1000	3000	10460.00	4637	40576
Forest	0	100	NA	50	0	NA	150
not usable	1500	100	NA	200	1000	NA	2800
Non agri	NA	386	NA	300	1000	2537	4223
barred	NA	444	NA	450	NA	NA	894
Farming Land	11500	3500	600	1800	7800	2000	27200
Gauchar	3000	237	400	200	600	100	4537
Irrigation Land-(Hector)		0					
well	550	650	150	80	200	105	1735
lift irrigation	100	100	100	60	150	80	590
Health Facilities							0
Sub-PHC	1	1	1	NA	NA	NA	3
PHC	1	1		NA	NA	NA	2
CHC	No	No		NA	NA	NA	0
District Hospital	No	No		NA	NA	NA	0
Drinking Water	1300	1765	436	80	250	116	3947
Home connection	1300	1765	436	NA	250	116	3867
without connection	0	0	0			NA	0
Sanitation							0
Toilet facilities	1200	1650	400	80	200	100	3630
without drainage connection	100	115	36	NA	50	16	317
Electric Facilities							0
individual home connection	1300	1765	436	80	250	116	3947
Agri connection	600		1	80	NA	105	786
Women SHG	2	2	1	NA	200	0	205
Sakhi mandal	10	12	3	NA	1	1	27
Others						0	0
Widow Penson	400	400	40	5	50	25	920
Disable Penson	60	55	13	2	11	10	151

Events

Mother's Day Celebration



On May 14th, we celebrated Mother's Day in Mundra. Mrs. Chhaya ben Gadhvi, former District Education Chairperson of Kutch, delivered an inspiring speech about the importance of mothers in shaping families and our nation's future. More than 200 Mother had participated.

Inauguration of Ground water Recharging projects



On May 17th, Inaugurated a groundwater recharging project involving 21 percolation wells. We were honored to have notable attendees, including Mr. S.K. Prajapati (DDO Kutch), Mr. Rakshit Shah (EDM, APSEZ, Mundra), Mr. Mahendra Gadhvi (Chairman, Kutch Jilla Panchayat), and local Taluka Panchayat Presidents at the event.

Employee Volunteer Program



On May 14th and 15th, 2023, in Samudra Township, Mundra, the Adani Foundation organized a "Joy of giving" in partnership with the Indian Coast Guard Station, Mundra, with the noble aim to assisting those in need with essential items. We gathered old but usable clothes, utensils, and books to provide support to those less fortunate.

Organic Vegetable Shop Inauguration



Adani Foundation is promoting natural farming in Mundra through the "Rajshakti Prakrutik Kheti Sahkari Mandali," a group of 32 farmers. They opened a shop on May 24th to sale their produce open market

Events

Launching Of "Prakruti Rath"



On June 2nd, 2023, Adani Foundation Mundra and Kutch Copper Limited, along with the Government of Gujarat's Social Forestry Department, launched "Prakruti Rath," a 30-day environmental initiative aimed to distribute 50,000 tree saplings to 61 villages via an innovative vehicle that educates about environmental awareness.

Vegetables Kitchne Garden Kits Distribution



On June 3rd, Mundra Petrochemical and Adani Foundation celebrated World Environment Day in collaboration with the District Horticulture Department and distributed kitchen garden kits to over 500 farmers. In the Esteemed presenece of Mr.Amit Arora Collector Kutch.

State-level Kabaddi Tournament



State-level Kabaddi tournament was scheduled through The Maharana Pratap Group of Bhujpur ,more than 21 teams had participated from across Gujarat. We sponsored Rs. 25,000 to The winning team Rs. 15,000 to runner sup Team . We continue to support and encourage young talents for their growth and achievements..

Inauguration of Dates Restoration



Adani Foundation surveyed cyclone-caused agricultural crop damage, particularly date trees. They initiated a comprehensive project in partnership with KVS to restore the trees, commencing on June 24th in the presence of Mr. Anirudh Dave, MLA of Mundra-Mandvi, and Mr. Rakshit Shah, Executive Director of APSEZ, Mundra.

Events

Education Kits Distribution



On June 23rd, Mundra Petrochemicals organized a special program to distribute education kits to students in grades 9 to 12 from the Fisherfolk community. Mr. Omprakash Sir, representing Mundra Petrochemicals, shared an inspiring message about the importance of education. 40 students had benefited.

Inauguration Of Vegetable Market



Adani Foundation developed the Vegetable Market in Mundra, offering 195 stalls for convenient vegetable trading. It was handed over to Mundra Nagarpalika on June 24th, with Mr. Anirudh Dave (MLA Mundra-Mandavi) and Mr. Rakshit Shah (Executive Director of APSEZ, Mundra) present.

Guru Purnima Day Celebration



On July 3rd, Project Uthhan Mundra celebrated Guru Purnima Day across 69 primary schools and 8 high schools. The day commenced with a special prayer dedicated to the teachers (Gurus), followed by engaging activities such as drama performances and elocution competitions among the students.

Millet Food Competition



AF organized a Millet Dish competition on July 14th. in Collaboration of ICDS Department. Top three winners were recognized, and rewarded them, encouraging millet-based cooking

Events

Conservation of the Mangrove Ecosystem



On July 26th, Mundra Petrochemical celebrated Mangrove Day with spreading awareness over 9th and 10th-grade students and Fisherfolk. The session ended with a Mangrove plantation. 150+ People had participated.

Kala Utsav Program



Kalautsav program was organized in collaboration with the District Education Department, on the 11th of August. The event was featured with various competitions, including drawing, singing, and instrumental playing. 70+ students from secondary and higher secondary schools from 42 School of Mundra had participated..

Rakshabandhan Celebration



On Rakshabandhan, eco-friendly Rakhi making competition took place in all Utthan schools of Mundra. 46 exceptional girl students tied their Rakhis to BSF soldiers in Jakhau as a gesture of respect and gratitude.

Dr. Priti G Adani mam's 58th Birthday



On August 29th, Mundra Petrochem Ltd. marked Dr. Priti G Adani's 58th birthday with three impactful initiatives: 8,000 tree plantings in Deshalpar village, 500 sapling distributions at Government High School, and a workshop for 60 farmers on sustainable farming, all geared towards enhancing the local ecology and community resilience.

VVIP and VIP visits

Kajal Oza – Vaidhya



Famous Gujarati author and motivational speaker Mrs. Kaajal Oza Vaidya visited our Natural farming fields in Mangra village.

Fulcrum Batch 0



HODs of different business groups of Adani came for CSR visit of Batch-0 as part of Fulcrum Leadership Development Program at Mundra.

Jay Vasavda Visit



Famous Gujarati writer and orator Mr. Jay Vasavada had visited our CSR work.

Pranav Adani Sir's Visit



Mr. Pranav Adani, along with other VIP guests, visited the Mangrove Plantation area in Luni coastal.

VVIP and VIP visits

VIP Visit : Ms. Lisa



Mrs Lisa MacCallum, Independent Director of Adani Energy Solution had visited our CSR work at Mundra.

VIP Visit – Sairam Dave



Mr. Sairam Dave, a renowned humorist and educationalist, visited Uthhan to inspire and motivate the students and teachers.

Journalist Visit



All journalist team came from Jarkhand ref by Ms. Varsha Chainani. They visited Women Empowerment and Agriculture Projects

AVMB Visit – Sairam Dave



Mr. Sairam Dave, a renowned humorist and educationalist, visited AVMB to inspire and motivate the students and teachers.

Award & Recognized

The Gujarat State Disaster Management Authority has acknowledged Adani Ports and SEZ for their outstanding support in establishing the world's top-ranking Miyawaki forest at Smruti Van, Bhuj. The Adani Foundation team actively monitored the project's advancement and made frequent site visits to ensure effective coordination..



Mr. Rajubhai, a team member of the Adani Foundation, was honored with the District Level Van Mitra Award by the District Administration during the 74th Van Mahotsav for his outstanding contributions to intensive tree plantation initiatives.

Case Study

A Breath of Change: Soanbai's Bio Gas Journey

Sonbai Vishram, a diligent 46-year-old woman, resides with her close-knit family in Vadi Vistar, Zarapara. She oversees a herd of 13 cattle with enthusiasm while caring for her seven family members. However, her life was far from easy. Every day, she would wake up at the crack of dawn and head into the dense farm to gather firewood. The Chulha, a traditional clay stove, was her only means of cooking, but it came with a hefty price.

Chopping wood and inhaling the thick smoke took a toll on Sonbai's health. Her eyes stung, her chest felt heavy, and she often found herself coughing uncontrollably. Furthermore, a lot of time is consumed by cutting wood. She deeply longs for more moments with her family, rather than devoting all her time to woodcutting; this sometimes leads to feelings of regret and sadness.

Seeing her mother's condition, her daughter Jetbai felt deeply disheartened. Fortunately, she learned that Mundra Petrochem was distributing biogas through a government-funded project "Gobardhan" to assist those in needs. She reached out to the Mundra Petrochem team, and upon witnessing her helplessness, they extended their support. They took full responsibility for all the documentation, registration, banking work, and installation. They also cover 50% of beneficiaries' biogas expenses. Additionally, they offered comprehensive training in biogas usage and maintenance, along with regular follow-up visits.

As soon as the biogas stove was up and running, Sonbai's life began to transform. Cooking became a breeze, and the air in her kitchen was free of choking smoke. Now, after eight months of using biogas, Sonbai's health has shown remarkable improvement, and she feels more energetic than she has in years.

She couldn't believe the remarkable transformations that had occurred in her life. Now, whenever she meets our team, she expresses her gratitude, and witnessing her radiant smile and heartfelt thanks, we find the true reward for our efforts.



Rising Above the Menstrual Taboo



This is a story of Laxmiben and many women like her living in Zarpara village. As women, they have the incredible gift of giving birth, but they also go through the monthly menstrual cycle. However, in many villages, including Zarpara, menstruation is considered a taboo topic. Women are often hesitant to talk about their personal experiences, and many don't even know about the menstrual cycle and its science.

Seeing the challenges faced by these women, Devalben and Roopaben, with the support of the Adani Foundation, organized a menstrual hygiene awareness camp in Zarpara. In this camp, they provided education about menstrual health to all the women. In just a short session, women began to open up and talk freely about their experiences. They revealed that they had never used menstrual products and typically relied on old, used cloths. In addition to this, their daughters had to miss school due to a lack of resources and the uncomfortable feeling during their periods.

Hearing these stories, Devalben and Roopaben explained the harmful effects of using old cloths and not maintaining proper hygiene during menstruation. They introduced the women to different menstrual products and taught them how to use and dispose of them correctly. They also discussed the various health issues that could arise from poor menstrual hygiene. Many women realized that they had experienced symptoms of these health problems but had never paid attention to them.

To help the women understand better, they showed an informative video about the menstrual cycle. After the session, the women felt grateful for the knowledge they had gained. Many of them admitted that they had never taken menstruation seriously before but were now committed to practicing proper menstrual hygiene. Those with symptoms of menstrual health issues decided to seek medical advice and treatment. All the women pledged to use sanitary pads regularly and ensure that their children's health and education were not affected by menstruation.

Our team was equally delighted that these women had broken free from the menstrual taboo and were determined to prioritize their menstrual hygiene.



Mayuri's Journey: A Tale of Determination and Hope



Mayuri comes from a simple middle-class family with four sisters. Her mother is a homemaker, while her father is a wage earner. They didn't have a lot of money, and life was tough.

Despite the financial hardships, Mayuri applied for the PSE exam, hoping it would open doors for her future education. She embarked on this journey alone, being the sole girl in her class brave enough to take on the competitive exam.

Mayuri's life took a hopeful turn when she crossed paths with Utthan Sahayak. This mentor provided her with a comprehensive guide for the PSE exam. This guide was like a lifeline for her. It made her feel more confident and less confused.

Mayuri was determined to succeed. She worked really hard. She found books and old exam papers to study from. She even watched videos on YouTube to learn more. She spent 2-3 hours studying every day, sometimes giving up fun things to focus on her studies. She didn't keep all that knowledge to herself; she shared what she learned with her friends and even during school prayers.

Mayuri went to the library often and used teaching and learning materials to learn more. She read a lot and practiced so much that she became really good at school competitions and public speaking. Her general knowledge improved and she became an expert in Gujarati grammar.

But, despite all her hard work, Mayuri didn't get the top score in the PSE exam. It was really disappointing for her. She had worked so hard, and it felt like all her efforts were in vain. But, it wasn't all bad. This experience taught her to never give up and to keep hoping for a better future.

The Magic of Practice: a remarkable Handwriting Transformation



Buchiya Nita, a diligent third-grade student at Gundala Kanya School, faced a deep-seated issue - her handwriting. Despite the correctness of her content, her messy handwriting often cast a shadow on her answers, making them appear incorrect. She held a belief that her handwriting would never improve and that it didn't hold much significance.

One fateful day, a compassionate Utthan Sahayak named Chauhan Kinjalba stepped in to assist her. Kinjalba aimed to aid Nita in enhancing her handwriting and enlighten her about its importance. Kinjalba noticed the errors Nita made while writing and gently pointed them out, allowing Nita to rectify them independently.

Nita's daily homework included writing a paragraph. Through persistent practice and unwavering commitment, her handwriting gradually became neater over several months. The ultimate test arrived when a calligraphy competition was organized. To the delight of everyone, Nita secured the second position in the competition, and her heart brimmed with joy at the remarkable improvement in her handwriting.

From a mischievous troublemaker to a responsible scholar



The teacher-student relationship is like the two wheels of a cart. When both wheels work together smoothly, the cart goes forward without any interruption. However, if one wheel comes loose, the cart stops in its tracks.

One such story revolves around Kumbhar illiyash, a student at Gundala Kumar School. Utthan Sahayak learned from teachers and fellow students that Illiyash was quite mischievous. He occasionally took items from other kids in class, sometimes bothered his classmates, disrupted the class with his behavior, and frequently seemed disinterested in his lessons.

Utthan Sahayak decided to have a loving and understanding conversation with Illiyash to encourage him to change his behavior. They would sit together every day, and she would teach him new habits and engage him in various activities. Gradually, Illiyash started developing an interest in learning, and with consistent effort and engaging activities, his active mind was redirected toward education, leading to a positive change in his behavior.

Just as milk and curd complement each other, Illiyash, once a mischievous child, has transformed into a well-behaved student today.

Raisingh's Inspiring Journey: Overcoming Disability to Find Independence



This is the story of Raysi maheshwari, who lives in Mota Kapaya village. When he was just 2 years old, he was affected by polio, and as he grew, 75% of one of his legs became nonfunctional. His childhood was different from other kids, he faced a lot of difficulties in doing daily tasks and had to depend on others. It's truly hard to put into words the profound difficulties he endured because of his condition. In the face of disability, Raysi's thirst for education and his refusal to depend on others for his livelihood remained unwavering. His determination was unbreakable, and he fearlessly confronted every obstacle that crossed his path.

Raysi completed his education up to the 12th grade and started searching for a job to become financially independent. However, transportation was a big challenge for him. He had to walk long distances many times, even though it hurt because of his disability.

Fortunately, in 2021, he learned about a job fair organized by the Adani Foundation on World Divyank Day. He decided to participate and impressed the interview panel with his skills. As a result, he got a job as a Gate operator at Rangoli Gate, Adani Port with a monthly salary of Rs. 13,000. Because of his dedication and hard work, his salary was later increased to Rs. 18,000 within a short time.

In addition to the job, he received medical certificates and continuous support from our team. Raysi is married now and has two children. His wife is also disabled, and the Adani Foundation supported her with a wheelchair. Now, she can efficiently manage household chores in less time.

Raysi and his family deeply appreciate these assistances. He now earns enough to provide for his family and support his children's education. The family is no longer financially dependent on anyone and lives with dignity and happiness. The Adani Foundation feels fortunate to witness the positive changes in the lives of people like Raysi, and consider it as the most meaningful reward for their efforts.

Shaping Lives: From Pagdiya Fishing to Prosperity



Fisherman of Luni Village, a father of four boys and a girl, toiled tirelessly in the trade of Pagdiya fishing to ensure his family's survival. Despite the inherent vulnerability and daily hardships, he nurtured a singular dream - to provide his children with education and a better quality of life.

Through immense sacrifice and unwavering determination, he managed to educate his children up to the primary level. However, as their education progressed, financial constraints became a significant impediment. Unfortunately, two of his children had to drop out after completing the seventh year of their education due to these financial limitations.

Upon learning about their struggles, our organization reached out to him, extending scholarships to support the further education of his children. This assistance rekindled hope, allowing his second child to rejoin high school. Subsequently, it paved the way for the third and fourth child to continue their studies up to the twelfth grade.

However, our support did not end after their high school graduation. We maintained consistent contact, providing guidance and mentorship to tailored their individual interests and strengths, with the aim of helping them establish their careers.

As a result of our interventions, the children have experienced a remarkable transformation. The eldest, Mr. Altaf, attended RTG training for three months and is now employed as an RTG Operator at Adani Port, earning a salary of Rs. 22,000 per month. The second son found employment at MICT as a supervisor, earning Rs. 17,000 per month. The third child pursued his passion for photography and started his own photography studio, earning more than Rs. 20,000 per month.

Their father, Ali Mammad, expressed his heartfelt gratitude towards the Adani Foundation for their scholarship support, which served as a beacon in shaping their children's lives.



Breaking Waves of Poverty: Empowering Fisher folk through Education

The Fisher folk community resides a significant distance from the main city. Their primary means of sustaining themselves centers on fishing. This community experiences financial hardship and lacks access to education. They are hesitant to explore other professions because they have no education, awareness, or support. The challenging circumstances of their parents also affect the well-being and future prospects of their children.

Due to financial struggles, the children in the fishing community could only manage to complete their primary education before being compelled to join their parents in fishing jobs. This heart-wrenching cycle not only robbed them of the opportunity for a brighter future but also kept their community trapped in the clutches of relentless poverty.

Upon discovering their dire circumstances, the Adani Foundation Team with Mundra Petrochemical empathetically engaged with the children, who tearfully expressed their deep desire for education but sadly acknowledged the lack of sufficient resources to afford the necessities for school.

In an effort to uplift underprivileged children in the community, our team decided to provide them with vital learning materials to alleviate their financial burden. We provided students in grades 9 to 12 with essential educational materials, including textbooks, notebooks, and school bags. This initiative benefited a total of 61 students from the villages: Navinal, Modva, Tragdi, and Zarapara.

As a result of our support, both the children and their parents found substantial financial relief concerning education. This resulted in a decrease in school dropouts, and the children started attending school consistently. They now study without the burden of financial constraints and have a renewed determination to chase their dreams and secure stable jobs.

We consider ourselves incredibly fortunate to have been able to assist these children. Our longstanding wish has been for the children of fisher folk not to be confined to the path of becoming fishermen but to instead pursue education and secure stable jobs, thus breaking the cycle of poverty.



Unleashing Potential: Education beyond Boundaries

Modhva is a small village in Mandvi having a handful population, the life here revolves around the gentle rhythm of fishing. Families struggle with making ends meet as meager earnings barely cover daily expenses. The children in the village receive a basic education, advancing only to classes 5 or 6. Unfortunately, after this stage, a significant number of these young learners are bound to leave school and join their parents in the fishing trade.

Acknowledging the plight of undereducated students, Adani Foundation in coordination with GPVC team organized distinct meetings with both the students and their parents. In a heartfelt confession, the students expressed their eagerness to attend school but due to the lack of a local high school and financial constraints, they were unable to attend the nearby high schools. The parents clarified that their village serves as the last settlement along the coastline. Consequently, because of its remote location, there are no available transportation facilities. Their means of livelihood barely cover their essential expenses, leaving them unable to afford personal vehicles or rely on daily public transportation. Many parents wish to educate their children but feel helpless to do so.

Recognizing the economic challenges faced by the parents and driven by a commitment to educate these vulnerable children, our team stepped forward to assist by offering a complimentary transportation solution. Through firm dedication, we secured a van capable of accommodating twelve students, which has now been provided to the villagers in need. A local resident has been entrusted with the role of the driver, receiving a fair wage for their service.

Since June 2023, a group of six girls and five boys have shown unwavering commitment to attending school in the village of Gondiyali, situated 16 km away from Modhva. The fear of dropping out no longer casts its shadow, and parents are relieved of the burden of transportation expenses.

Upholding the belief that education is a boundless right accessible to all, GPVC team wholeheartedly extend our wishes for a future brimming with opportunities and success for these children.



Shaping Lives: From Pagdiya Fishing to Prosperity



Imagine finding yourself trapped in the clutches of old age, battling declining health, and struggling with dire financial constraints. What would be Next ? However, within these challenging and circumstances, there are some remarkable stories of individual ,Through his journey, we witness how timely intervention and unwavering support can breathe new life into individuals and their families, igniting a flame of hope, healing, and renewed optimism.

One such story is that of Siddique Bhai Khatri, a 63-year-old resident of Mundra, Kutch fighting a relentless battle with tobacco addiction, succumbs to the merciless grip of oral cancer. As he receives the devastating biopsy report, it not only reveals the grim reality of his failing health but also serves as a stark reminder of his near-empty bank balance. With the exorbitant cost of the necessary operation hovering around 2 lakhs, Siddique Bhai finds himself teetering on the precipice of desperation.

Recognizing the Adani Foundation as a trusted ally in times of health-related crises, Siddique Bhai connected to Kishor Bhai, a representative from the foundation. personally visited Siddique Bhai's home on same day, This gesture of care provided much-needed solace to Siddique Bhai and his worried wife, who openly shared their financial predicament and concerns about the illness.

Understanding the urgency of Siddique Bhai's situation, Kishor Bhai assisted him in swiftly obtaining the Ayushman Card. **Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (PM-JAY), offers comprehensive healthcare coverage of up to 5 lakhs for various hospitalization** within a remarkable 8-hour timeframe. This prompt response and timely access successfully underwent Sidikbhai to the much-needed operation at Adani GK General Hospital.

After a recovery period of 8 days, Siddique Chacha returned home, reinvigorated and ready to face life's challenges anew. Today, two months later, he can be seen in the marketplace, his eyes twinkling with joy and gratitude. Meeting Kishor Bhai, Siddique Chacha's eyes speak volumes, conveying his deep appreciation for the Ayushman Card and the support provided by the Adani Foundation.

As of the date, over 5584 Ayushman cards have been issued, enabling individuals to access essential healthcare services.

રાજ્યપાલનું પ્રાકૃતિક ખેતી માટે આહ્વાન

ભુજ, તા. ૩૧ : અહીંના અદાણી ફાઉન્ડેશન ખેડૂતો પ્રાકૃતિક ખેતી અપનાવતા શાપ અને લોકોને કેમિકલ ખાતરમુક્ત ખોરાક મળી રહે તેવા ઉમદા ઉદ્દેશને સાકાર કરવા બંધિડી ડાહ્યા છે. આ સદને મહત્વપૂર્ણ માર્ગદર્શન મેળવવા ગુરુવારે ગુજરાતના રાજ્યપાલ આચાર્ય દેવવ્રતજીની મુલાકાતનું આયોજન કરાયું હતું.



રાજ્યપાલ આચાર્ય દેવવ્રતજીની કબજી સોંપ્રથમ શ્રી રાજશક્તિ પ્રાકૃતિક ખેતી સરકારી મંડળીના ખેડૂતોએ મુલાકાત લીધી હતી. તેમની સાથે અદાણી ફાઉન્ડેશનના ગુજરાત સીએસઆર વજી પંજિતભેન શાહ અને ધારાસભ્ય અનિરુદ્ધભાઈ દવે રહ્યા હતા.

કચ્છની સૌ પ્રથમ શ્રી રાજશક્તિ પ્રાકૃતિક ખેતી સરકારી મંડળીના ખેડૂતોએ રાજ્યપાલની રૂબરૂ મુલાકાત લઈ પોતાના પ્રાકૃતિક ઉત્પાદનો દેવવ્રતજીને અર્પણ કરી પ્રાકૃતિક ખેતીના અનુભવોનું આદાન-પ્રદાન કર્યું હતું. આ મુલાકાત બાદ ખેડૂતોમાં નવી ઊર્જાનો સંચાર થયો હતો. રાજ્યપાલે જણાવ્યું કે 'ખેડૂતોમાં મનમાં વાંદેલા પ્રાકૃતિક ખેતીના વિચારો આજે મને ઊગી રહેવા દેખાય છે. મને પ્રાકૃતિક ખેતી કરતો ખેડૂત કદી દુ:ખી જોવા નથી મળ્યો. આપ સૌ ખેતી કામ કરતી બહેનોને સાથે

લાભાં તે બદલ અમિનંદમ આપું છું.' તેમણે ઉમેર્યું કે 'બહેનો અકબર જે નક્કી કરી લે છે તેને જીવનભર પાળે છે. આપ સૌમાં રહેલા પ્રકૃતિપ્રેમ રાજ્યભવન સુધી પહોંચી શક્યા છે.' તદ્દપરાંત જ ખેડૂતોના ખેતરની ઓર્ગેનિક કાંપને ૨.૦થી વધુ છે તેઓને અમિનંદમ આપ્યા હતા. દેવવ્રતજીએ મુદ્રણ તાલુકાને પ્રાકૃતિક ખેતી તરફ લઈ જવાની

સામુહિક જવાબદારી ઉઠાવવા ખેડૂતોને આહવાન કર્યું હતું. એટલું જ નહીં, પ્રાકૃતિક ખેતીના પાંચ આયામો જાણાવ્યા, પાન જાવામુત, અલ્પસિયા, આસજદન અને પંચગવ્ય યદે જ બનાવી ખેતીમાં તેનો ઉપયોગ કરી ઉત્તમ ઉત્પાદનો મેળવવા સુચન કર્યું હતું.

આ મુલાકાત માટે માંડવીના ધારાસભ્ય અનિરુદ્ધભાઈ દવેએ ખેડૂતોને પ્રોત્સાહન પૂરું પાડતાં જણાવ્યું કે 'કચ્છ દરેક ખાતરની પાલે કરવામાં રહેલાં અસરકારક છે ત્યારે મને વિશ્વાસ છે કે આપણા ખેડૂતો આ ખાતર પાછીપાની અને પંચગવ્ય યદે જ બનાવી ખેતીમાં તેનો ઉપયોગ કરી ઉત્તમ આપણે સૌ સહિયારા પ્રયાસો કરીશું.'

આ પ્રસંગે અદાણી ફાઉન્ડેશનના અધિકારીઓએ રાજ્યપાલને આભારસભર પત્રોની આપતાં જણાવ્યું કે 'પ્રકૃતિ પ્રત્યેનું ઋણ અદા કરવામાં અદાણી પેટિવાર ક્યારેય પાછીપાની નહીં કરે. હંમેશાં ખેડૂતોની પડખે રહીને ઉદ્યોગગૃહના સામાજિક ઉત્તરદાયિત્વને નિભાવશે.'

ભરૂચના પૂરગ્રસ્ત ત્રણ ગામમાં અદાણી ફાઉન્ડેશન દ્વારા રાશનકીટનું વિતરણ

પૂર ગ્રસ્તોને શુદ્ધ પીણ તથા 15 દિવસના સરભરી સાથે મુલાકાત કરવામાં આવી છે. અદાણી ફાઉન્ડેશન દ્વારા ભરૂચના પૂરગ્રસ્ત ત્રણ ગામમાં અદાણી ફાઉન્ડેશન દ્વારા રાશનકીટનું વિતરણ કરવામાં આવ્યું છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશનના સુવિદ્યુસીઓ અને સરકારી અધિકારીઓએ ભાગ લીધો હતો. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા રાશનકીટનું વિતરણ કરવામાં આવ્યું છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશનના સુવિદ્યુસીઓ અને સરકારી અધિકારીઓએ ભાગ લીધો હતો. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા રાશનકીટનું વિતરણ કરવામાં આવ્યું છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશનના સુવિદ્યુસીઓ અને સરકારી અધિકારીઓએ ભાગ લીધો હતો.



અદાણી ફાઉન્ડેશન દ્વારા ભરૂચના પૂરગ્રસ્ત ત્રણ ગામમાં અદાણી ફાઉન્ડેશન દ્વારા રાશનકીટનું વિતરણ કરવામાં આવ્યું છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશનના સુવિદ્યુસીઓ અને સરકારી અધિકારીઓએ ભાગ લીધો હતો.

(1.81 MB) KUTCH PATRIKA 29...



અદાણી ફાઉન્ડેશન દ્વારા બિદરામાં મધસે-ડે ઉજવણી અંતર્ગત મિલેટ્સની વાનગી બનાવવાની હરીકાર્ણનું કરાયેલું આયોજન

અદાણી ફાઉન્ડેશન દ્વારા બિદરામાં મધસે-ડે ઉજવણી અંતર્ગત મિલેટ્સની વાનગી બનાવવાની હરીકાર્ણનું કરાયેલું આયોજન કરવામાં આવ્યું છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશનના સુવિદ્યુસીઓ અને સરકારી અધિકારીઓએ ભાગ લીધો હતો. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા મિલેટ્સની વાનગી બનાવવાની હરીકાર્ણનું કરાયેલું આયોજન કરવામાં આવ્યું છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશનના સુવિદ્યુસીઓ અને સરકારી અધિકારીઓએ ભાગ લીધો હતો.

અદાણી ફાઉ. દ્વારા મુંદ્રામાં પશુધનની સુરક્ષા માટે પશુ આરોગ્ય કેમ્પનું આયોજન ૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ

અદાણી ફાઉન્ડેશન અને કચ્છ કોષ્ટક સિમિટેડના સહયોગથી મુંદ્રામાં પશુ આરોગ્ય કેમ્પનું આયોજન કરવામાં આવ્યું છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા ૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ આપી રહ્યા છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા ૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ આપી રહ્યા છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા ૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ આપી રહ્યા છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા ૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ આપી રહ્યા છે.



અદાણી ફાઉન્ડેશન, દહેજ દ્વારા 'પેડોં કે માધ્યમ સે વિકાસ' ગ્રામીણ વિકાસ અભિયાન



અદાણી ફાઉન્ડેશન દ્વારા દહેજમાં 'પેડોં કે માધ્યમ સે વિકાસ' ગ્રામીણ વિકાસ અભિયાન શરૂ કરવામાં આવ્યું છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા ૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ આપી રહ્યા છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા ૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ આપી રહ્યા છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા ૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ આપી રહ્યા છે.



અદાણી ફાઉન્ડેશન અને અદાણી ઊન એનર્જી દ્વારા લખપતમાં આરોગ્ય કેમ્પ યોજાયા. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા ૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ આપી રહ્યા છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા ૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ આપી રહ્યા છે.

અદાણી નવચેતન વિદ્યાલય, જૂનાગામમાં કબાઉ છોડ અને શૈક્ષણિક ક્રીટ આપી શાળા પ્રવેશોત્સવ

અદાણી નવચેતન વિદ્યાલય, જૂનાગામમાં કબાઉ છોડ અને શૈક્ષણિક ક્રીટ આપી શાળા પ્રવેશોત્સવ યોજાયા. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા ૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ આપી રહ્યા છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા ૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ આપી રહ્યા છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા ૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ આપી રહ્યા છે.

મોરબીની ભાલાસોર સુધી 'શાનોહલ' અને 'વિજાન'ની ઉડાન બાળકોના ભવિષ્યને ઉજ્જવળ બનાવવા અદાણી ફાઉન્ડેશનના ભગીરથ પ્રયાસો

મોરબીની ભાલાસોર સુધી 'શાનોહલ' અને 'વિજાન'ની ઉડાન બાળકોના ભવિષ્યને ઉજ્જવળ બનાવવા અદાણી ફાઉન્ડેશનના ભગીરથ પ્રયાસો. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા ૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ આપી રહ્યા છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા ૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ આપી રહ્યા છે. આ કાર્યક્રમમાં અદાણી ફાઉન્ડેશન દ્વારા ૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ આપી રહ્યા છે.

Annexure – 4

DISTROMED KUTCHH SERVICES PVT. LTD.

MONTH: Sep. 23

Date	Challan No.	BMW WASTE CATEGORIES				Total Kg.	Sign.
		Category Yellow	Category Red	Category Blue	Category White		
		Yellow Bag	Red Bag	Blue Bag/*C.B.	*PPC		
1	8-1-21023	10.050	15.050	11.280	0500	36,880	SP
2							
3							
4	8-2-0017	29.980	18.500	18.500	0580	67,640	SP
5							
6	8-2-0127	18.500	15.500	15.020	0500	49,520	SP
7							
8							
9							
10							
11	8-1-21196	29.020	28.980	11.650	0500	70,150	SP
12							
13	8-1-21309	10.020	25.280	10.280	0250	45,830	SP
14							
15	8-1-21377	16.200	17.200	15.500	0250	49,150	SP
16							
17	8-1-21486	26.580	20.550	15.850	0500	62,280	SP
18							
19							
20	8-1-21600	31.020	18.280	14.280	0500	64,080	SP
21							
22	8-1-21709	16.280	15.280	8.280	0500	40,340	SP
23							
24							
25	8-1-21826	35.280	30.200	15.650	0500	81,630	SP
26							
27	8-1-21941	16.020	16.280	15.650	0500	48,450	SP
28							
29							
30	8-1-22059	21.200	16,500	12.820	0500	50,520	SP
31							
	Total	250.150	237.600	164.140	5.580	666,470	SP

Annexure – 5

Details of Greenbelt Development at APSEZ, Mundra

Total Green Zone Detail till Up to September 2023					
LOCATION	Area (In Ha.)	Trees (Nos.)	Palm (Nos.)	Shrubs (SQM)	Lawn (SQM)
SV COLONY	72.29	34920.00	7962.00	69696.00	100646.00
PORT & NON SEZ	81.61	149359.00	19220.00	75061.78	62966.38
SEZ	115.70	226120.00	20489.00	220583.60	28162.03
MITAP	2.47	8113.00	33.00	3340.00	4036.00
WEST PORT	104.29	248074.00	66816.00	24112.00	16369.00
AGRI PARK	8.94	17244.00	1332.00	5400.00	2121.44
SOUTH PORT	14.45	27530.00	3470.00	3882.00	3327.26
Samundra Township	58.26	63722.00	11834.00	23908.89	47520.07
Productive Farming (Vadala Farm)	0.00	0.00	0.00	0.00	0.00
TOTAL (APSEZL)	457.99	775082.00	131156.00	425984.27	265148.18
		<i>906238.00</i>			

Annexure – 6

Fire Safety Awareness Training Programme

Topic: LPG Connection Inspection & Kitchen Fire Safety Awareness

Date: 16th April, 2023

Place: Samudra Township

The LPG Connection Inspection & Kitchen Safety Awareness Programme conducted at Samudra Township. In this drive connected with each house refreshing occupants' knowledge of LPG Fire Safety and checked more than 695 LPG connection during this drive. APSEZ fire services registered the record of maximum LPG connection fire safety inspection at doorstep for this drive in April, 2023.

LPG Fire Safety awareness programme done with following checkpoints for checking LPG connection

Sr. No.	Check Points
1	Is there any leakage of LPG (Detected by smell, Sound, or other method)?
2	Is any leakage found, if yes how it was tackled?
3	Is LPG connection hose pipe embedded and as per IS on pipe?
4	What is the Manufacturing date and change before date of Hose Pipe
5	Is LPG connection hose pipe used more than 05 years?
6	Is hose pipe connected with Regulator & Stove properly?
7	Color of flame is blue or yellow or other color?
8	Last date of service of gas stove? (It should be done at least once in six month)
9	Is LPG cylinder safe for use and not due for hydro test?
10	LPG awareness training taken?

PHOTOGRAPHS OF LPG FIRE SAFETY AWARENESS PROGRAMME

NATIONAL FIRE SERVICE WEEK
 14th to 22nd April 2023
 79th National Fire Service Day
 APSEZ FIRE SERVICES
 SPEEDY/AHEAD OF EVERY ONE
 Awareness in Fire Safety for Growth of National Infrastructure (AGNI)
 राष्ट्रीय अवसंरचना के विकास के लिए अग्नि सुरक्षा में जागरूकता



एलपीजी मासिक अग्नि सुरक्षा चेकलिस्ट (2022-23)

क्र.सं.	चक्र संख्या	अप्रै. 22	मई 22	जून 22	जुलाई 22	अगस्त 22	सितंबर 22	अक्टूबर 22	नवंबर 22	दिसंबर 22	जनवरी 23	फरवरी 23	मार्च 23
1	अपने एलपीजी का बोर्ड विमान है (अपने, कबरी के अपने विमान टैगबोर्ड पर लगाए गए हैं)	100	100	100	100	100	100	100	100	100	100	100	100
2	अपने गैस सिलेंडर का भार 7 अंश है जो कि सिलेंडर की क्षमता के बराबर है	100	100	100	100	100	100	100	100	100	100	100	100
3	अपने एलपीजी सिलेंडर टैगबोर्ड पर लगाए गए हैं और अग्नि सुरक्षा के अंतर्गत हैं	100	100	100	100	100	100	100	100	100	100	100	100
4	अपने एलपीजी सिलेंडर टैगबोर्ड पर अपने एलपीजी सिलेंडर के अग्नि सुरक्षा के अंतर्गत हैं	100	100	100	100	100	100	100	100	100	100	100	100
5	गैस सिलेंडर और गैस के सिलेंडर पर सिलेंडर का सिलेंडर टैगबोर्ड है जो कि सिलेंडर के अंतर्गत है	100	100	100	100	100	100	100	100	100	100	100	100
6	अग्नि सुरक्षा के अंतर्गत हैं जो कि सिलेंडर के अंतर्गत हैं	100	100	100	100	100	100	100	100	100	100	100	100
7	अपने एलपीजी सिलेंडर के अग्नि सुरक्षा के अंतर्गत हैं जो कि सिलेंडर के अंतर्गत हैं	100	100	100	100	100	100	100	100	100	100	100	100
8	अपने एलपीजी सिलेंडर के अग्नि सुरक्षा के अंतर्गत हैं जो कि सिलेंडर के अंतर्गत हैं	100	100	100	100	100	100	100	100	100	100	100	100



Annexure – 7

Cost of Environmental Protection Measures

Sr. No.	Activity	Cost incurred (INR in Lacs)			Budgeted Cost (INR in Lacs)
		2021 – 22	2022 – 23	2023 – 24 (till Sep'23)	2023 – 24
1.	Environmental Study / Audit and Consultancy	6.82	7.32	16.19	27
2.	Legal & Statutory Expenses	10.52	12.32	00	13
3.	Environmental Monitoring Services	14.31	15.32	5.08	19.20
4.	Hazardous / Non-Hazardous Waste Management & Disposal	107.09	104.035	65.81	148.68
5.	Environment Days Celebration and Advertisement / Business development	4.04	2.53	2.30	11.50
6.	Treatment and Disposal of Bio-Medical Waste	2.14	2.29	1.14	2.28
7.	Mangrove Plantation, Monitoring & Conservation	53.6	35.0	0	15.0
8.	Other Horticulture Expenses	921	956	628	904
9.	O&M of Sewage Treatment Plant and Effluent Treatment Plant (including STP, ETP of Port & SEZ & Common Effluent Treatment Plant)	252.27	141.33	79.73	212.9
10.	Expenditure of Environment Dept. (Apart from above head)	149.8	90.136	25.228	182.917
Total		1371.79	1366.28	823.48	1536.48