Half Yearly EC Compliance Report of CETP Submission for Period April 23 to Sept.23

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

Wed 11/29/2023 6:28 PM

To:iro.gandhingr-mefcc@gov.in <iro.gandhingr-mefcc@gov.in>;eccompliance-guj@gov.in <eccompliance-guj@gov.in>
Cc:seiaaguj@yahoo.com <seiaaguj@yahoo.com>;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>;Charanjit Singh <Charanjit.Singh@adani.com>;Sujalkumar Shah <sujal.shah@adani.com>

1 attachments (13 MB)

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

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Ports and Logistics

APSEZL/EnvCell/2023-24/[illegible] Date: [illegible]

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. [illegible],
Near CH 3 Circle, Sector – 10A,
Gandhinagar – [illegible]
E-mail: [illegible]

Sub : Half yearly Compliance report for Environment Clearance for the "Establishment of Common Effluent Treatment Plant (CETP) of 17 MLD capacity at Survey no. 141 (part), village: Mundra, taluka: Mundra, Dist. Kutch, by M/s. APSEZ Utilities Pvt. Ltd."

Ref : Environment clearance granted APSEZ Utilities Pvt. Ltd. vide letter dated [illegible] February, [illegible] bearing SEIAA letter no. [illegible].

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. [illegible], Subhanpura, Vadodara – [illegible]
2) The Member Secretary, GPCB – Head Office, Paryavaran Bhavan, Sector 10 A, Gandhi Nagar – [illegible]
3) The Member Secretary, SEIAA, Gujarat, Paryavaran Bhavan, GPCB, Sector 10 A, Gandhi Nagar – [illegible]
4) The Regional Officer, Regional Office GPCB (Kutch East), Gandhidham – [illegible]

Adani Ports and Special Economic Zone Ltd
Adani House,
PO Box No. 1
Mundra, Kutch [illegible]
Gujarat, India
CIN: [illegible]

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adani

Ports and Logistics

APSEZL/EnvCell/2023-24/065 **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: eccompliance-guj@gov.in, iro.gandhingr-mefcc@gov.in

Sub : Half yearly Compliance report for Environment Clearance for the "Establishment of Common Effluent Treatment Plant (CETP) of 17 MLD capacity at Survey no. 141 (part), village: Mundra, taluka; Mundra, Dist. Kutch, by M/s. MPSEZ Utilities Pvt. Ltd."

Ref : Environment clearance granted MPSEZ Utilities Pvt. Ltd. vide letter dated 20th February, 2010 bearing SEIAA letter no. SEIAA/GUJ/EC/7(h)/43/2010.

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Yours Faithfully,
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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.

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Environmental Clearance Compliance Report

of

Common Effluent Treatment Plant, Mundra, Dist. Kutch, Gujarat

of

MPSEZ Utilities Limited (CETP)

(Formerly MPSEZ Utilities Pvt. Ltd.)

for

Period:

April-2023 to September-2023

Index

Compliance Report of Environment Clearance

adani Ports and Logistics	MPSEZ Utilities Ltd., Mundra (CETP) (Formerly, MPSEZ Utilities Pvt. Ltd.)	From : Apr'23 To : Sep'23

Status of the conditions stipulated in Environment Clearance

- The name of the company has been changed from **MPSEZ Utilities Pvt. Ltd. (MUPL)** to **MPSEZ Utilities Limited (MUL)** and w.e.f. 16th June, 2020 with business need. The letter to change the name in statutory clearance has been submitted to all the concerned authorities.

- GPCB has granted CC&A-Amendment letter vide ref. no. PC/CCA-KUTCH-644(5)/GPCB ID: 10605/573949 dated 26.11.2020 for name change of unit from **MPSEZ Utilities Pvt. Ltd. (MUPL)** to **MPSEZ Utilities Limited (MUL).** Details were submitted along with half yearly EC compliance report for the period Oct'20 to Mar'21.

Status of the conditions stipulated in Environment Clearance

Half yearly Compliance report for Environment Clearance for the for the project "Establishment of Common Effluent Treatment Plant (CETP) of 17 MLD capacity at Mundra, Dist. Kachchh, Gujarat of M/s. MPSEZ Utilities Pvt. Ltd. (CETP) issued vide letter no. SEIAA/GUJ/EC/7(h)/43/2010 dated 20th February, 2010.

Sr. No.	Conditions	Compliance Status as on 30-09-2023
A.	**Specific Conditions**	
1	The MUPL shall conduct a study, every year for initial three years and thereafter once in a three year, through the reputed institute or the Agricultural University to assess the impacts on soil and ground water quality, if any, due to application of treated effluent on land for plantation/ gardening and adopt the additional mitigation measures as may be suggested through such studies.	Complied. Soil and ground water quality monitoring is being carried out through NABL / MoEF&CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi twice in a year (Pre Monsoon & Post Monsson). Please refer **Annexure – 1** for detailed analysis reports. The detailed analysis reports of the same was submitted to GPCB. Copy of acknowledgement is attached as **Annexure-2**. Treated water is being utilized on land for horticulture / gardening purpose within CETP and APSEZ premises after achieving GPCB permissible norms only.
2	In order to assess and control the quality of effluent discharge, the MUPL shall carry out sampling of effluent from each member unit (cluster or individual unit) on daily basis, maintain records and submit the same at interval of every month.	Complied. Effluent sample of each member unit is collected on daily basis and analysed in-house at environmental laboratory. Inhouse analysis reports are being submitted to GPCB every month and acknowledgement of last report (Sep'23) submitted to GPCB is attached as **Annexure – 3**.
3	Industries having	Complied.

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	high pollution potential like dyes and dye intermediates, bulk drugs and intermediates, pesticides etc. shall not be allowed in MPSEZL in such proportion that effluent received at the CETP always meets with the inlet norms.	Presently Textile, Chemical, Warehouse, Oil, Steel, CFS, Electronic and food products category industries are available in SEZ area. At present there is no such industry within APSEZ as mentioned in the condition. Inlet norms of effluent for CETP are mentioned at specific condition no. 6. Effluents from any industry are allowed only if they comply with inlet norms of CETP.
4	Fresh water requirement for the CETP shall be 100 KL/day, which shall be sourced through Gujarat Water Infrastructure Ltd. (GWIL) pipeline from Narmada water supply. No ground water shall be tapped for the project.	Complied. The average freshwater requirement for CETP is 6.20 KL/Day during the compliance period, which is being sourced through Gujarat Water Infrastructure Ltd. (GWIL) and Desalination plant of APSEZ. No ground water is being tapped. Details of water consumption are given as **Annexure – 4**.
5	The quantity of effluent discharge from the CETP shall not exceed 17000 KL/ Day (17 MLD).	Complied. The average quantity of effluent & sewage received in CETP from member units as well as sewage from Mundra village was 978.92 KL/Day and treated water discharge from the CETP 851.43 KL/Day respectively during the compliance period. Present installed capacity of CETP is 2.5 MLD only which is higher than average inflow of effluent from member industries. Details on quantity received from industry and treated water discharge are attached as **Annexure – 4**.
6	The total quantity of effluent discharge (including industrial effluent and sewage overflow from septic	Complied. The average quantity of effluent & sewage received in CETP from member units as well as sewage from Mundra village was 978.92 KL/Day and average treated water discharge from the

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance Status as on 30-09-2023</th></tr>
<tr><td></td><td>tank – soak pit) from the member units shall not exceed 17000 KL/ Day (17 MLD) and it shall be conveyed through underground pipeline to the CETP for further treatment. The effluent discharge from the CETP member units (cluster or individual unit) shall confirm to the following CETP inlet norms framed by the MUPL:
<table>
<tr><th>Parameter</th><th>CETP inlet norm of MUPL</th></tr>
<tr><td>pH
Suspended Solids
BOD (3 Days at 27 ^{0}C)
COD
TDS
Oil & Grease
Phenolic Compounds
Cyanides
Fluorides
Sulphides
Ammonical Nitrogen
Copper</td><td>6.5 To 8.5
800 mg/l
1000 mg/l
2000 mg/l
2100 mg/l
20 mg/l
1 mg/l
0.2 mg/l
2 mg/l
2 mg/l
50 mg/l
3 mg/l
3 mg/l</td></tr>
</table></td><td>CETP 851.43 KL/Day during Apr'23 to Sep'23.

There are only two member industries of CETP as on date for industrial effluent and four members units for domestic sewage including Mundra village as well as APSEZ common facility. Entire wastewater is being transferred though underground pipeline only. On avg. 851.43 KL/ Day treated water from CETP was reused for horticulture purpose during compliance period.

Monitoring and analysis of CETP inlet wastewater from each industry is carried out regularly through in-house laboratory for the parameters such as pH, TDS, TSS, COD, BOD, Chlorides and NH3-N. Analysis reports are being submitted to GPCB every month and analysis reports is attached as Annexure – 3.

Monitoring and analysis of CETP inlet wastewater is being carried out once in a month by NABL and MoEF & CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi and the same is being submitted to GPCB every month. GPCB acknowledgement copy of the same is attached as Annexure – 2. Summary of the same for duration from Apr'23 to Sep'23 is mentioned below.

<u>CETP Inlet:</u>
<table>
<tr><th>TEST PARAMETERS</th><th>UNIT</th><th>Min</th><th>Max</th><th>Average</th><th>Perm. Limit$</th></tr>
<tr><td>pH @ 27 ° C</td><td>--</td><td>7.24</td><td>7.87</td><td>7.52</td><td>6.5 – 8.5</td></tr>
<tr><td>Total Suspended Solids</td><td>mg/L</td><td>16</td><td>82</td><td>45.00</td><td>800</td></tr>
<tr><td>Ammonical Nitrogen</td><td>mg/L</td><td>21.2</td><td>42.4</td><td>30.98</td><td>50</td></tr>
<tr><td>BOD (3 days at 27 ^{0}C)</td><td>mg/L</td><td>40</td><td>97</td><td>68.50</td><td>1000</td></tr>
<tr><td>COD</td><td>mg/L</td><td>144.4</td><td>347.7</td><td>245.40</td><td>2000</td></tr>
<tr><td>Total Dissolved Solids</td><td>mg/L</td><td>1476</td><td>1640</td><td>1567.33</td><td>2100</td></tr>
</table>
$ as per CC&A granted by GPCB

Please refer Annexure – 1 for detailed analysis reports.

List of member units for industrial effluent as well as domestic sewage was submitted along with half yearly compliance report for the period Oct'19 to Mar'20. And there is no further change.</td></tr>
</table>

<table>
<tr><th>Sr. No.</th><th colspan="2">Conditions</th><th>Compliance Status as on 30-09-2023</th></tr>
<tr><td></td><td>Nickel</td><td></td><td>MUL-CETP has also installed Continuous Effluent Quality Monitoring System (CEQMS) as per CPCB guidelines for continuous monitoring of pH, TSS, COD, BOD, TOC & Ammonical Nitrogen parameters. It is also connected with GPCB as well as CPCB server and details of the same was submitted to the MoEF&CC along with half yearly compliance report April– 2016 to Sep – 2016.

During the compliance period Oct'22 to Mar'23 MUL-CETP had Installed a new CEQMS (Make M/s. HORIBA India Pvt. Ltd.) with monitoring parameters i.e. pH, TSS, BOD, COD & NH_3-N as well as migrated the Continuous Effluent Monitoring System (CEQMS) server from M/s. Logic Ladder Technologies Pvt. Ltd. to M/s. SAKSHAM (Unitech technocrats Pvt Ltd.) for data transmission with CPCB & GPCB server. On dated 06/12/2022 send mail to the Central Pollution Control Board (IT Division) for migration approval as well as intimated to GPCB for connectivity vide letter dated 28.08.2023. The copy of intimation letter for CEQMS migration –was submitted during the compliance period Oct'22 to Mar'23.</td></tr>
<tr><td>7</td><td colspan="2">The individual member unit will be required to achieve CETP inlet norms. If required, necessary treatment for removal of metals, ammonical nitrogen and other such parameters will be given by the individual units to meet the CETP inlet norms.</td><td>Complied.

Agreement is made with the industry to consider aspect of conformance with the CETP inlet norms. Effluent samples are tested for conformance of inlet norms of CETP as provided in specific condition no. 6 above. Currently two units have agreement to discharge their effluent to CETP. The detail for the same is as below.
<table>
<tr><th>Unit</th><th>ETP Capacity</th><th>Treatment Methodology</th><th>Average Water Discharge (Booking Quantity)</th></tr>
<tr><td>M/s Dorf Ketal Chemicals (I) Pvt. Ltd.</td><td>100 KLD</td><td>Primary & Secondary Treatment</td><td>85 KLD</td></tr>
<tr><td>M/s Ahlstrom Fiber Composites India Pvt. Ltd.</td><td>50 KLD</td><td>Primary Treatment</td><td>25 KLD</td></tr>
</table></td></tr>
<tr><td>8</td><td colspan="2">The MUPL will ensure that effluent</td><td>Complied.</td></tr>
</table>

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance Status as on 30-09-2023</th></tr>
<tr><td></td><td>discharge from member units (cluster or individual unit) complies with the inlet norms of the CETP.</td><td>The details for the same are provided in specific condition no 6 above.</td></tr>
<tr><td>9</td><td>Domestic wastewater shall be discharged into septic tank/ soak pit system by the individual member units and the overflow shall be conveyed to the CETP along with industrial effluent for its treatment. Domestic wastewater generated at the CETP will also be treated in the CETP.</td><td>Complied.

Sewage from member industries, APSEZ common facility and Mundra village is collected into collection tank, which is transferred to CETP at average rate of 978.92 KL/Day through pipeline during the compliance period.

Average generation of domestic wastewater is 1.05 KL per day at the CETP and the same is being treated in the CETP itself along with other effluent.</td></tr>
<tr><td>10</td><td>The MUPL will establish the adequate primary, secondary and tertiary effluent for its treatment facilities to achieve the GPCB norms. The CETP shall be established in modules of 2.5 MLD to achieve the ultimate capacity of 17 MLD with the passage of time depending on the actual requirements as per development of the MPSEZL. The</td><td>Complied.

MUL has established the adequate primary, secondary and tertiary treatment facility to achieve the GPCB norms.
Present installed capacity of CETP is 2.5 MLD.

Third party analysis of the treated water is being carried out once in a month by NABL and MoEF & CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. Summary of the same for duration from Apr'23 to Sep'23 is mentioned below.
<table>
<tr><th><u>CETP Outlet:</u> Parameter</th><th>Unit</th><th>Min</th><th>Max</th><th>Average</th><th>Perm. Limit$</th></tr>
<tr><td>pH</td><td>--</td><td>7.21</td><td>7.92</td><td>7.59</td><td>6.0 – 9.0</td></tr>
<tr><td>TSS</td><td>mg/L</td><td>8.00</td><td>22.00</td><td>14.80</td><td>100</td></tr>
<tr><td>TDS</td><td>mg/L</td><td>1112.00</td><td>1590.00</td><td>1377.00</td><td>2100</td></tr>
<tr><td>COD</td><td>mg/L</td><td>104.20</td><td>150.40</td><td>127.15</td><td>250</td></tr>
<tr><td>BOD</td><td>mg/L</td><td>29.00</td><td>42.00</td><td>36.00</td><td>100</td></tr>
<tr><td>Ammonical</td><td>mg/L</td><td>21.50</td><td>21.50</td><td>21.50</td><td>50</td></tr>
</table></td></tr>
</table>

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	CETP shall be operated regularly and efficiently so that quality of treated effluent from the CETP always meets with the GPCB norms.	<table><tr><td>Nitrogen as NH3-N</td><td></td><td></td><td></td><td></td><td></td></tr></table> $ as per CC&A granted by GPCB Please refer **Annexure – 1** for detailed analysis reports. Approx. INR 5.08 Lakh is spent for all environmental monitoring activities during the FY 2023-24 till Sep'23 for overall APSEZ. MUL has also installed Continuous Effluent Monitoring System as per CPCB guidelines for continuous monitoring of pH, TSS, COD, BOD, TOC & Ammonical Nitrogen parameters and result of the same is also transferring to regulatory authorities i.e. CPCB & SPCB regularly. GPCB is also doing sampling and analysis of CETP inlet and outlet sample at every month and copy of analysis report is attached as **Annexure – 5**, which shows that all the parameters are well within the permissible norms.
11	The treated effluent from the CETP conforming to the GPCB norms shall be utilized for plantation / gardening within the SEZ area of MPSEZL during non-rainy days whereas it shall be discharged to deep sea through outfall system of MPSEZL having CRZ permission during high rainy days.	Complied. Average 851.43 KL/Day treated water was used for plantation/gardening within the premises of CETP and other areas of Adani Ports and Special Economic Zone Limited during the compliance period. Available horticulture / gardening area within CETP as well SEZ premises for utilization of treated water is 146.84 Ha.
12	Well-designed effluent distribution network with sprinklers / drip pipes shall be provided for proper utilization of treated effluent for	Complied. Drip irrigation system is provided for watering the green belt in the vicinity.

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	plantation / gardening.	
13	The CETP shall have and use only one outlet for the discharge of its effluent and no effluent shall be discharged without requisite treatment and without meeting with the GPCB norms. Such outlet shall be kept near the front gate/ entrance of the CETP.	Complied. Treated water from CETP is supplied through only one outlet for gardening purpose. MUL CETP has installed Continuous Effluent Monitoring System as per CPCB guidelines for continuous monitoring of pH, TSS, COD, BOD, TOC & Ammonical Nitrogen parameters. It is also connected with GPCB as well as CPCB server and information for the same was submitted to the MoEF & CC along with half yearly compliance report April– 2016 to Sep – 2016. During the compliance period Oct'22 to Mar'23 MUL-CETP had Installed a new CEQMS (Make M/s. HORIBA India Pvt. Ltd.) with monitoring parameters i.e. pH, TSS, BOD, COD & NH_3-N as well as migrated the Continuous Effluent Monitoring System (CEQMS) server from M/s. Logic Ladder Technologies Pvt. Ltd. to M/s. SAKSHAM (Unitech technocrats Pvt Ltd.) for data transmission with CPCB & GPCB server. On dated 06/12/2022 send mail to the Central Pollution Control Board (IT Division) for migration approval as well as intimated to GPCB for connectivity vide letter dated 28.08.2023. The copy of intimation letter for CEQMS migration –was submitted during the compliance period Oct'22 to Mar'23. Quality of treated effluent from CETP meets with GPCB norms. Refer specific condition No. 10 for test result summery. Please refer **Annexure – 1 & 5** showing quality of treated water during this compliance period.
14	The MUPL shall instruct and make sure that each contributing member (cluster or individual unit) shall provide a storage tank having at least one day retention time, from where the	Complied. An agreement is made with the respective units to provide storage facility for retention. At present the industrial effluent from two units is received for treatment at the CETP. Both the units have storage tanks of 100 & 50 KL, which is sufficient to store the effluent for at least one day.

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	effluent will go to the CETP for further treatment by pumping through rising main.	
15	The MUPL shall give time slot to the contributing member units for discharge of effluent and implement a mechanism for ensuring that the member units adhere to the same.	Complied. At present there are only two member industries of CETP for industrial effluent discharge and time slot has been given to each industry for discharging their industrial effluent.
16	The MUPL shall strictly observe and make sure that every member shall supply entire effluent quantity to the CETP.	Complied. MUL verifies the data of wastewater generation produced by the member units and matches with the inlet meter reading to make sure the entire effluent quantity is supplied to CETP.
17	The MUPL shall be responsible for proper conveyance of effluent from their member units to the CETP. To distinguish the effluent conveyance pipelines from other pipelines, they should be coated with special colour. Periodical maintenance of effluent conveyance pipelines and valves shall be carried out to avoid any spillage or leakage of the	Complied. Black coloured HDPE pipeline for effluent conveyance has been provided to transfer effluent from member units. Daily monitoring of effluent conveyance pipeline and regular maintenance of pump, valve and panel is carried out. Periodical maintenance is carried out to avoid leakage.

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	effluent being conveyed to the CETP from the member units.	
18	Magnetic flow meters shall be provided at the inlet and outlet of the CETP as well as ETP outlets of the CETP member units and records for the same shall be maintained and submitted regularly.	Complied. Magnetic flow meters to maintain the record of quantity of raw effluent and treated effluent have been provided at inlet and outlet of CETP. Records of quantity received from industry and treated discharge are attached as **Annexure – 4**.
19	The MUPL shall also install pH sensor solenoid valve with alarm device at the inlet of equalization tanks. Emergency tank shall be provided at the CETP for diverting effluent with the CETP inlet norms, in case of unforeseen circumstances.	Complied. pH meter is provided at CETP inlet, equalization tank and neutralization tank for continuous monitoring of pH. Equalisation tank having capacity of 1700 KL is capable to take care of unforeseen circumstances. However, MUL has also installed lock-arrangement system valves at the effluent discharge outlet of member units to ensure effluent quality within CETP inlet norms. Analysis of effluent is being carried out before discharging to verify that effluent is meeting with GPCB permissible norms or not. The CETP can receive effluent from member unit only after achieving CETP inlet norms. Analysis reports of each member unit is being submitted the GPCB on monthly basis. One equalization tank can be kept as standby tank for diverting effluent not meeting with the CETP inlet norms, in case of unforeseen circumstances. A stand-by storage tank of adequate capacity is also provided with member units which is sufficient to store the effluent for at least one day in such circumstances.
20	The MUPL shall also install pH sensor with alarm device at final outlet to ensure that effluent being	Complied. MUL-CETP has also installed Continuous Effluent Monitoring System as per CPCB guidelines for continuous monitoring of pH, TSS, COD, BOD, TOC & Ammonical Nitrogen parameters with alarm/alert system in case of exceedance. It is also connected

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	discharge is always neutral.	with GPCB as well as CPCB server. Information for the same was submitted to the MoEF & CC along with half yearly compliance report Apr – 2016 to Sep – 2016. During the compliance period Oct'22 to Mar'23 MUL-CETP has Installed a new CEQMS (Make M/s. HORIBA India Pvt. Ltd.) with monitoring parameters i.e. pH, TSS, BOD, COD & NH_3-N as well as migrated the Continuous Effluent Monitoring System (CEQMS) server from M/s. Logic Ladder Technologies Pvt. Ltd. to M/s. SAKSHAM (Unitech technocrats Pvt Ltd.) for data transmission with CPCB & GPCB server. On dated 06/12/2022 send mail to the Central Pollution Control Board (IT Division) for migration approval as well as intimated to GPCB for connectivity vide letter dated 28.08.2023. The copy of intimation letter for CEQMS migration –was submitted during the compliance period Oct'22 to Mar'23.
21	All the chemicals and nutrients which are required to be added / dosed in any CETP unit shall be added by using "Metering Pumps" only.	Complied. Metering pumps for dosing of chemicals such as Alum; Polyelectrolyte; Lime and sodium hypochloride are provided with stand by pumps. Photographs showing the metering pumps submitted to along with half yearly compliance report Oct – 2021 to Mar – 2022.
22	The MUPL shall not keep any bypass line or system, or loose or flexible pipe for discharging effluent outside or even for conveying treated or untreated effluent within the CETP premises.	Complied. Treated water from CETP is supplied through only one outlet for gardening purpose and no bypass line or system, or loose/flexible pipe are provided for discharging effluent outside or even for conveying treated or untreated effluent within the CETP premises.
23	The MUPL shall provide impervious tanks / HDPE tanks / impervious guard ponds to hold effluent for at least 48 hours in the case of either	Complied. Two nos. of Guard Ponds having RCC Structure with total capacity of 3000 KL for storage are available within CETP to ensure no untreated effluent discharge into environment.

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	maintenance of the CETP or process disturbances and any untreated effluent shall never be discharged into the environment.	
24	In case of power failure, stand- by D.G. Set/s having power generation capacity equivalent to the requirement of power to run the CETP shall be installed, so that the CETP shall always be operated round the clock even in case of power failure.	Complied. D.G. Set having 380 KVA capacity has been provided as stand-by which is equivalent to the power requirement to run CETP.
25	The MUPL will maintain daily log books for the quantity and quality of effluent discharged by the member units, quantity and quality of inflow into the CETP, details of the treatment at each stage of the CETP including the chemicals used. MLSS/ MLVSS & DO concentrations in Aeration Tanks, quantity of sludge extracted from the treatment process, energy consumed in treatment, quantity	Complied. Logbooks containing all required information of operation & maintenance are maintained. A copy of logbook is attached as **Annexure – 6**. Record of sludge generation and disposal is being maintained. CETP is designed having 2.5 MLD capacity, against that at present MUL has received only avg. 978.92 KLD effluent and sewage from member industries during compliance period. Total 12.71 MT sludge disposed through co-processing at Ambuja Cement Ltd. Kodinar during the compliance period Apr'23 to Sep'23. Copy of manifest is attached as **Annexure – 7**. The sludge generated thereafter is stored in dedicated storage area and will be disposed in line with permission granted. MUL has done agreement with M/s. Ambuja Cement Ltd., Kodinar for co-processing of CETP sludge for energy recovery as an environment sound practice for disposal of hazardous waste in line with 5R (Reduce-Reuse-Recycle-Reprocessing-Recovery)

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	and quality of effluent utilized for plantation / gardening, quantity and quality of effluent discharged to deep sea through outfall system of MPSEZL etc. Details of the member units failing to comply with the CETP inlet norms shall be submitted to the GPCB on regular basis.	principle. Details of the same were submitted along with half yearly EC Compliance report for the period Oct'20 to Mar'21. MUL has also obtained membership of common TSDF site M/s. Saurashtra Enviro Projects Pvt. Ltd., Bhachau, which is valid till 17.12.2025. Details of the same were submitted along with half yearly EC Compliance report for the period Oct'20 to Mar'21.
26	The MUPL shall set up a full fledge laboratory for collection, analysis of samples to monitor the effluent quality and deploy competent technical staff for the analysis and monitoring purpose.	Complied. Well-equipped laboratory having all the infrastructure facility and instruments is provided in CETP. Competent technical staff is deployed for monitoring and analysis of environmental parameters.
27	Regular effluent quality monitoring shall be carried out for relevant parameters and the monitored data along with the statistical analysis and interpretation should be submitted to the GPCB on monthly basis.	Complied. Daily analysis data are being submitted to GPCB on monthly basis and proof showing the same is attached as **Annexure – 3**. Third party analysis of the treated water is being carried out once in a month by NABL and MoEF & CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. MUL has also installed Continuous Effluent Monitoring System as per CPCB guidelines for continuous monitoring of pH, TSS, COD, BOD, TOC & Ammonical Nitrogen parameters and result of the same is also transferring to regulatory authorities i.e. CPCB & SPCB regularly.

Sr. No.	Conditions	Compliance Status as on 30-09-2023
		GPCB Sample analysis report is attached as **Annexure – 5**, which shows that all the parameters are well within the permissible norms. Also refer Point no. 10 for further details.
28	The company shall also have to submit every month, the analysis reports of the samples of effluent got collected and analysed by one of the recognized laboratories.	Complied. Third party analysis of the treated water is being carried out once in a month by NABL and MoEF & CC accredited agency namely M/s. Unistar Environment and Research Labs Pvt. Ltd., Vapi. The reports of the same is also being submitted to the GPCB every month and latest GPCB acknowledgement copy is attached as **Annexure – 2**. Monitoring report for the period from Apr'23 to Sep'23 is attached as **Annexure – 1**. Approx. INR 5.08 Lakh is spent for all environmental monitoring activities during the FY 2023-24 till Sep'23 for overall APSEZ. Also refer Point no. 10 & 27 for further details.
29	The third party inspection of the CETP with respect to the compliance of the norms shall be carried out through a reputed institute like NEERI, IIT, etc. once in a year and mitigation measures as may be suggested by such an institute shall be implemented in consultation with the Gujarat Pollution Control Board.	Complied. Environment Audit is carried out on six monthly basis through reputed institute (Sch-I Auditor) approved by GPCB. Environment monitoring is part of Environment Audit Report. Recommendations suggested as per Environment Audit Report are being complied. Last environment audit report was submitted vide letter dated 26.06.2023 and the GPCB acknowledgement copy is attached as **Annexure - 8**.
30	The MUPL shall maintain accurate records of their member units in	Complied. Data regarding quantity and quality of effluent generated from member units are submitted to GPCB regularly and proof

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	respect of quantity of each product manufactured, quantity of water consumption, quality of trade effluent, quantity of effluent generated, booked and supplied to CETP on day to day basis and shall submit the compiled record to the GPCB on monthly basis.	showing the same is attached as **Annexure – 3**. Details of Product manufactured, water consumption and wastewater generation are being submitted by individual units on monthly basis to the GPCB in form of monthly patraks and its record are also being maintained by MUL. Details of the same are attached as **Annexure – 9**.
31	Ground water quality shall be monitored on regular basis with piezometer bore wells at suitable locations in consultation with GPCB and its records shall be maintained. The monitored data along with interpretation shall be submitted at least once in six months.	Complied. Bore-hole has been made at CETP main gate to check ground water quality and water level. No ground water contamination is evident as per the monitored data. Ground water sampling and analysis is being done on six monthly basis and its report is attached as **Annexure – 1**.
32	Adequate stack height as per prevailing norms shall be provided to the D.G. Set. The flue gas emission from D.G. Set shall comply with the norms prescribed by the GPCB.	Complied. At present there is only one D.G. set of having capacity of 380 KVA is used as stand-by. Adequate stack height of 8 meter has been provided to the said D.G. Set. There was no any main power failure during compliance period, so there was no need to operate the D.G. Set during such period. However, flue gas emission monitoring from D.G. Set is being carried out on six monthly basis at the time of trial run and its report is attached as **Annexure – 1**.
33	The ambient air quality shall be monitored in and	Complied. Ambient Air Quality Monitoring station is established in

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance Status as on 30-09-2023</th></tr>
<tr><td></td><td>around the CETP area and results shall be submitted to the GPCB. The locations for the ambient air quality monitoring shall be fixed and reviewed in consultation with the GPCB.</td><td>consultation with GPCB. Third party analysis of the ambient air quality is being carried out on regular basis (twice in a week) 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.

Monitoring Locations & Frequency: 02 (Twice in a week)
<table>
<tr><th>Parameter</th><th>Unit</th><th>Min</th><th>Max</th><th>Average</th><th>Perm. Limit$</th></tr>
<tr><td>PM10</td><td>µg/m3</td><td>41.47</td><td>89.84</td><td>70.53</td><td>100</td></tr>
<tr><td>PM2.5</td><td>µg/m3</td><td>13.87</td><td>46.15</td><td>28.70</td><td>60</td></tr>
<tr><td>SO2</td><td>µg/m3</td><td>6.25</td><td>34.83</td><td>17.78</td><td>80</td></tr>
<tr><td>NO2</td><td>µg/m3</td><td>10.25</td><td>39.68</td><td>21.88</td><td>80</td></tr>
</table>
$ as per NAAQ standards, 2009

Please refer Annexure – 1 for detailed analysis reports. Approx. INR 5.08 Lakh is spent for all environmental monitoring activities during the FY 2023-24 till Sep'23 for overall APSEZ.</td></tr>
<tr><td>34</td><td>The MUPL must strictly comply with the rules and regulations with regards to handling and disposal of hazardous waste in accordance with the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2008, as may be amended from time to time. Authorization from the GPCB must be obtained for collection / treatment / storage / disposal of hazardous wastes.</td><td>Complied.

MUL has been renewed its GPCB Authorization vide Order No. AWH – 113221 dated 10.06.2021, Valid up to: 07.04.2026 from GPCB, Gandhinagar. Copy of Renewed CC&A was submitted during the half yearly EC Compliance report Apr 21 to Sept 21.

All the hazardous waste generated from premises is being disposed as per Hazardous & Other Waste Rules – 2016.

Please refer condition no. 25 for HW disposal details.</td></tr>
<tr><td>35</td><td>CETP sludge shall be dried, packed and stored in designated</td><td>Complied.

Generated CETP sludge is dried in sludge drying beds, packed in</td></tr>
</table>

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	bags and stored in dedicated hazardous waste storage area having appropriate facilities. Details of the same were submitted along with EC Compliance report for the period Apr'18 to Sep'18.
36	CETP waste shall be disposed at authorized common TSDF facility. The company shall necessary permission of the TSDF operator for disposal of CETP sludge.	Complied. Hazardous waste generated from CETP is being disposed through authorised TSDF facility or co-processing at cement industries. MUL have obtained membership with TSDF operator SEPPL, Bhachau as well as done agreement with M/s. Ambuja Cement Limited, Kodinar for the same. CETP is designed having 2.5 MLD capacities, against that at present MUL is receiving average 978.92 KLD effluents / sewage from member industries and Mundra village. Please refer condition no. 25 for further details.
37	Discarded containers / drums / bags/ liners shall be either reused or returned back to suppliers or sold to authorized vendors after decontamination.	Complied. Hazardous waste generated from CETP is being disposed through authorised TSDF facility or co-processing at cement industries. Please refer condition no. 25 for HW disposal details.
38	Used oil shall be sold to the registered recyclers.	Used Oil and Discarded Containers generation is not frequent in nature. As & when generated, the same will be disposed by selling out to registered recycler / reprocessor.
39	Adequate hand rails shall be provided to all the CETP units for preventing fall of any person in the CETP tanks.	Complied. Adequate hand rail are provided at CETP Tanks for fall protection.
40	All necessary precautionary measures shall be taken to avoid any kind of accident	Complied. Safety measures like appropriate hand gloves, safety goggles, safety shoes, reflective jacket are provided. Photographs showing the same were submitted as a part of compliance report

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	during storage and handling of chemicals. Handling and dosing of the materials shall be done in such a manner that minimal human exposure occurs.	for the duration of Apr'17 to Sep'17. Metering pumps for dosing of chemicals such as Alum; Polyelectrolyte; Lime and Sodium Hypochlorite are provided with stand by pumps. Photographs showing the metering pumps submitted to along with half yearly compliance report Oct – 2021 to Mar – 2022.
41	All the storage tanks shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.	Complied There are no any chemical storage tanks within CETP Premises. Closed handling system is provided for chemical dosing.
42	Tie up shall be done with nearby health care unit / doctor for seeking immediate medical attention in the case of emergency, regular medical check-up of the workers and keeping its record etc.	Complied. MUL is co-developer of Adani Ports and Special Economic Zone Limited. The Occupation Health Centre of APSEZ is accessible in case of emergency or regular medical check-up of workers. In addition, there is also a Multispecialty Hospital within the APSEZ area at a distance of approx. 3 Km from the CETP. Details of periodical medical examination report of the employees working in MUL – CETP are attached as **Annexure – 10**.
43	Personal Protective Equipments shall be provided to workers and its usage shall be ensured and supervised.	Complied. Personal protective equipments are provided to all workers and its usage is ensured and supervised regularly through site in-charge and safety department of APSEZ.
44	First Aid Box shall be made readily available in adequate quantity.	Complied. First aid box is available in CETP area. OHC of APSEZ maintains first aid box regularly.

Status of the conditions stipulated in Environment Clearance

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance Status as on 30-09-2023</th></tr>
<tr><td>45</td><td>Training shall be imparted to all the workers on safety and health aspects of chemicals handling and CETP operations.</td><td>Complied.

Regularly toolbox talk is being conducted at CETP for safety and health aspects of chemicals handling and CETP operations.</td></tr>
<tr><td>46</td><td>Occupational health surveillance of the workers shall be done and its records shall be maintained. Pre-employment and periodical medical examination for all the workers shall be undertaken as per the Factory Act & Rules.</td><td>Complied.

Pre-employment and periodical medical examination is being carried out. There was one new employment done during compliance period.

Details of Pre-employment & periodical medical examination report of the employees working in MUL – CETP are attached as Annexure – 10.

Pre-employment and periodical medical examination is being carried out as per defined HR policy.</td></tr>
<tr><td>47</td><td>Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.</td><td>Not Applicable

No hazardous chemicals are transported during the compliance period.</td></tr>
<tr><td>48</td><td>The overall noise level in and around the CETP area and D.G. Set shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall confirm to</td><td>Complied.

Noise level monitoring is being carried out on monthly basis 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.

Monitoring Locations & Frequency: 02 (Once in a month – 24 Hourly)
<table>
<tr><th>Parameter</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>57.7</td><td>69.8</td><td>64.57</td><td>75</td></tr>
<tr><td>Night Time</td><td>dB(A)</td><td>53.1</td><td>64.3</td><td>58.88</td><td>70</td></tr>
</table>
* As per CC&A granted by GPCB

Please refer compliance condition no. 32 for further details.

Please refer Annexure – 1 for detailed analysis reports. Approx.</td></tr>
</table>

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	the standards prescribed under The Environment (Protection) Act, 1986 & Rules.	INR 5.08 Lakh is spent for all environmental monitoring activities during the FY 2023-24 till Sep'23 for overall APSEZ.
49	The MUPL shall develop green belt within premises as per the CPCB guidelines, preferably with local species, and shall submit an action plan of plantation for next three years to the GPCB.	Complied. APSEZ has developed its own "Dept. of Horticulture" which is taking measures/ steps for terrestrial greening and developed 11.26 hectare of green belt with the density of 885 trees per hectare within CETP & WTP premises. Total 9963 trees are planted within CETP & WTP premises. So, far APSEZ has developed 457.99 ha. area as greenbelt with plantation 9.06 Lacs saplings within the APSEZ area. Details of the green belt development activity done by APSEZ Mundra are attached as **Annexure – 11.**
B. General Conditions		
50	GPCB will ensure while granting CTE to individual units that no industry of heavy pollution is allowed in such SEZ.	This point is applicable to GPCB.
51	Construction of the proposed CETP should be undertaken meticulously confirming to the existing central / local rules and regulations. All the construction designs/ drawing relating to the proposed construction activities must have approvals of the concerned State	Already complied. Construction for 2.5 MLD CETP is completed and the same is in operation phase. There is no requirement for additional capacity of CETP as on date. Upon requirement of additional capacity, the new module of CETP will be constructed confirming to the applicable rules and regulations.

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	Government Department/Agencies.	
52	In the event of the CETP's not functioning as proposed / breakdown of the CETP, the CETP member units shall be immediately intimated to stop discharging the effluent / to shut down their plants immediately. The effluent from the member units shall not be received at CETP until the desired efficiency of the CETP has been achieved.	Point noted and agreed. CETP has functioned as per designed efficiency and meeting with GPCB discharge norms during the entire compliance period. Hence no such event to stop collecting the effluent is required.
53	If the CETP fails to achieve the GPCB norms at its outlet; the individual units shall provide and operate the Effluent Treatment Plant (ETP) with adequate primary, secondary and tertiary treatment facility to achieve the GPCB norms.	Point noted and agreed. CETP is functioning with the designed efficiency and meeting with GPCB discharge norms during the entire compliance period. Individual members have their own ETPs which provides necessary treatment to achieve GPCB norms.
54	The MUPL shall ensure that each & every member renews the agreement on / before expiry of said	Complied. The agreements are renewed before its expiry by the member units. No event of termination or suspension of the CETP membership

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	agreement and shall inform the GPCB about any unit not renewing within stipulated period. The MUPL shall immediately inform the Gujarat Pollution Control Board about termination/ suspension of the CETP membership of any member unit.	has occurred during the compliance period of Apr'23 to Sep'23.
55	The MUPL shall not allow any new member or enhance effluent quantity of existing members unless & until they have prior requisite permissions from competent authorities.	Complied. MUL has been granted permission for receiving 1.5 MLD domestic sewage in to CETP for treatment from Mundra village from GPCB. Details were submitted along with half yearly EC compliance report for the period Oct'19 to Mar'20. MUL is allowing any new member or enhance effluent quantity of existing members, when they have prior requisite permissions from competent authorities.
56	Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	Complied. Chemical storage areas and chemical handling areas are provided with Pucca flooring to minimize soil contamination. Photograph showing the same were attached as a part of compliance report submission for the duration of Apr'17 to Sep'17.
57	Good housekeeping shall be maintained within the CETP premises. All pipes, valves and drains shall be leak proof. Leakages from the pipes, pumps, shall be minimal and if occurs, shall be	Complied. Good housekeeping is being maintained within the CETP premises by the dedicated housekeeping staff. Leakages were attended and recorded in the MIS report of MUL. Details of all the maintenance work done during compliance period of Apr'23 to Sep'23 are attached as **Annexure – 12**. No floor washing activity was carried out during the compliance

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	arrested promptly. Floor washing shall be admitted in to the effluent collection system for subsequent treatment and disposal.	period.
58	During effluent transfer, spillages shall be avoided and garland drain be constructed to avoid mixing of accidental spillages with domestic wastewater or storm water.	Point noted. Effluent is being transferred to CETP by dedicated pipeline. No accidental spillage has occurred during this compliance period.
59	Storm water shall not be mixed with the effluent. The storm water drains shall be kept separate and shall remain dry throughout the year except monsoon.	Complied. Effluent is being transferred by effluent transfer pipeline while for storm water, a separate storm water drain is provided in CETP which remains dry throughout the year except monsoon.
60	The MUPL shall intimate the GPCB about occurrence of any accident, act or event resulting in discharge of poisonous, noxious or polluting matter or the likelihood of the same into a stream or land or well.	Complied. No accident, act or event has been occurred resulting in discharge of poisonous, noxious or polluting matter or the likelihood of the same into a stream or land or well during this compliance period.
61	The Environmental Management Cell	Complied. APSEZL has a well-structured Environment Management Cell,

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	with suitably qualified staff for implementation of the stipulated environmental safeguards and for monitoring functions shall be setup under the control of the Chief Executive of the company.	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.
62	The funds earmarked for environment protection measures should be maintained in a separate account and there should be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards should be reported	Complied. Separate budget for the Environment protection measures is earmarked every year. All environment and horticulture activities are considered at corporate level and budget allocation is done accordingly. No separate bank account is maintained for the same however, all the expenses are recorded in advanced accounting system of the organization. Budget for environmental management measures (including horticulture) for the FY 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 – 13**.
63	The MUPL shall take appropriate community development and welfare program for improving socio-economic environment of villagers in the vicinity of the project site. A separate fund shall be allocated for this purpose.	Complied. MUL is Co-developer of APSEZ and APSEZ is actively working with local community around the project area and provides required support for their livelihood and other concerns through the CSR arm – Adani Foundation. Adani Foundation is working in main four persuasions as below. ❖ Education ❖ Community Health ❖ Rural Infrastructure ❖ Sustainability Livelihood Brief information about activities in the main four persuasions is mentioned below. Activities carried out for the same are summarized as below.

Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023

Area	Activity
Community Health	• Mobile Heath Care Units and Rural Clinics • 07 Rural Clinics • 06 villages of Mundra & 01 village Mandvi block has benefited by rural clinic service. • Total Patients Benefitted FY 23-24 upto Sep 23: - 10629 (direct & indirect). • 2 financially challenged patients has been supported with Dialysis treatment at 58 Times which added day in their Life. • Shaping Lives: From Pagdiya Fishing to Prosperity: 01 people benefitted for oral cancer treatment. **Health camp:** • Specialty camps, Eye checkup camps, Blood donation camp, Anti-tobacco awareness camp, TB screening, and other are conducted in core villages as well as in labour colonies. • Specialty health (Gynec, ophthalmic, specialty health camp): - 1489 Patients Benefited. • General health camp: - 1448Patients benefited. • Blood Donation Camp: 1558 people have donated blood. • Women's Health: Provided health services to more than 2230 women benefitted through gynec health checkup. • Dialysis Support: During this year, 2 patients were supported for regular dialysis with 58 Times which added day in their Life. • Medical Supports: 1007 beneficiary in 35 village. • Eradicate cataract-related vision for senior citizen: benefited 473 peoples of 9 villages. • **Ayushman card facilitation:** Ayushman card issued to 5584 for 25 village. • • 1071 –Economically Challenged patients have been supported for operation, OPD, IPD, Medicines and lab-test. • For Preventive health care General and multispecialty camps Pediatric camp, General Health camps in 7 villages and Super specialist camp which benefitted more than 4690 patients of Mundra & Mandvi Taluka. • Cattle Health Camp: Adani Foundation and Animal Husbandry department Veterinary Jointly organizing cattle health Awareness and vaccination programs in 24 Villages of our periphery villages with total 16000 cattle benefitted.
Sustainable Livelihood – Fisher folk, Agriculture & Women	• **Vehicle Transportation Facilities:** 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 (Total 218 nos. students benefitted). • **Education Kits Support:** Education Kits including notebooks, guides, and bags, to fisherfolk students studying in 9th to

Sr. No.	Conditions	Compliance Status as on 30-09-2023	
			12th standard to enhance their learning experience (57 nos. students benefitted). • **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. • Water distribution to Luni & Bavadi Bandar Fishfolk Vasahat: 35000 KL water for 936 people. • **Sagar Mitra Card:** 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." • Government scheme Awareness session was held in association with Fisheries department Bhuj to facilitate pagadiya fishermen by providing fishing kits to seven Fishermen. The coordination was made by Adani Foundation to process application. • **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 in the open market. • **Awareness Sessions at Village Level:** Spreading awareness on natural farming benefits and address their concerns and 250 farmers benefitted. • **Hands-On Training & Exposures:** Arranged Workshop and training to emphasizing on real-world techniques (5 workshop). • **Link with Government Scheme**: facilitation of govt. Cow Nurturing scheme to promote eco-friendly farming practices (857 nos. formers benefitted). • To promote Natural farming Adani Foundation has originated cow-based farming initiative with interconnected techniques which can increase farmer yield. • Adani foundation and Agri Department jointly organized district level workshop on Natural Farming Practice with Gram Seva. • **Natural farming-** 1392 farmers benefitted by 20 nos of training from which 60 farmers chemical usage is reduced to half extent in 500 Acres approximately. • 257 nos. of Facilitation of Home Biogas-under Gobardhan Yojna during FY2023-24 till Sep'23. • **Natural Farming Certification: O**btained natural farming certification through the Gujarat Organic Product Certification Agency (GOPCA) for the 35 Farmers who are

Sr. No.	Conditions	Compliance Status as on 30-09-2023	
			Members of Raj shakti Sahakrai Mandali. • **Marketing Assistance:** Provide platforms and resources ensuring fair prices and broader consumer reach. • **Dates Restoration:** Due to Bipor Joy cyclone, 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. As of the current date, 615 Date plants have been successfully restored. • **Kitchen Garden Kit:** 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. • Benefited 837 people linkages with Govt. cow based Nurturing Scheme. • Supported 1500 farmers for barrel & wormi compost. • 19 nos. of Market Linkage for supporting to Green carnival at Samudra Township & Shantivan colony Now 302+ farmers are collaborated with Mandli. • 257 Farmers have started to preparing Jiva Mrut & Gaukrupa Amrutam Bio-fertilizer and using in agricrop. Series of Training is arranged by ATMA and Adani Foundation. • Adani Foundation has also provided 7.99 lacs kg Dry Fodder and 23.53 lacs kg Green fodder in 24 villages of Mundra and Anjar Block to support the resource dependent villagers, to avoid their dependency on mangroves. The expenditure for fodder supporting activities was approx. 90.20 Lacs during FY 2023-24 upto Sep'23. • Adani Foundation provides Good Quality dry and green fodder to 29 Villages. Project is covering total 16000 Cattels / 3008 farmers and hence enhancing cattle productivity. Dry Fodder 731230 Kg Green –2359204 Kg. • **Grass Land development:** AF converted 213 acres of denuded village common pastureland gauchar into fertile and productive grassland in Zarpara, Siracha, Gundal , Kukadsar village to transform into Fodder Sustain village. **Women Empowerment:** • **Self Help Groups (SHGs):** Established 82 self-help groups in various rural and urban areas to provide financial and social support to women We provided training and capacity building workshops to members of these SHGs to help them develop income generating activities and improve their livelihoods Through this initiative, we have empowered over 850 women to become self-reliant with Savings of Rs 31 Lacs. • **Making SHG Self Reliant:** ➢ 16 SHG are on pathways of self-reliance. ➢ Various handicraft, dry and fresh food making, stitching, tie and die etc. ➢ 160+ women - Monthly average income @ 7000 of each member over Month. • **Job Sourcing – Govt:** ➢ 11 Women supported for application and process of Gram

Sr. No.	Conditions	Compliance Status as on 30-09-2023	
			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 Livlihood Enhancement Training through RSETI. ➢ Financial support for business set up. ➢ Legal rights and domestic violence workshops. ➢ Family counselling for Job sourcing. • During FY2023-24 till Sep'23 Approx. INR 51.75 lakh were spent for Fisherfolk Amenities work in different core areas. • Till FY 2023-24 till Sep'23, Adani Foundation has done total expenditure of INR 1389.94lakh for Fisherfolk Amenities work in different core areas. • Skill Development and Income Generation –Adani Foundation is working with 82 Self-help group and supporting to develop entrepreneur skills to become self-reliant, sourcing more than 850 women to absorb in various job.
		Education	• Conduct baseline assessment of 6314 Students, 2541 Students were progressive learner (3 to 7 Std.). • 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 advantage 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). • Planned various Capacity Building Program (CBP) & Exposure visit for Utthan Sahayak & Students.

Status of the conditions stipulated in Environment Clearance

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th colspan="2">Compliance Status as on 30-09-2023</th></tr>
<tr><td></td><td></td><td></td><td>

Provided facility for preparing JNV, NMMS & PSE examination. 877 Students preparing Competitive Exam. 354 JNV, 273 PSE & 250 NMMS..
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 form 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. Workshop 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.
100% Success: Adani Vidya Mandir Bhadreshwar's Remarkable Achievement in Gujarat Board Standard 10th Examination.
Training Skill Development: Conducted skill development programs for women in various fields such as tailoring, handicrafts, and food processing These training programs helped women develop their skills and start their own businesses We have trained over 91 women in various skills, and many of them have started their own businesses.
Total 182 nos. of male & female trained in various skill development programme.

</td></tr>
<tr><td></td><td></td><td>Rural Infrastructure & Environmental Sustainability</td><td>
Adani foundation designed and build various structure and provide service in the Health, Education, agriculture and sustainable livelihood area.

<u>WORK COMPLETED</u>
Below tabulated Water Conservation Projects completed during Compliance period:
<table>
<tr><th>Sr. No.</th><th>Project</th><th>Unit</th><th>Outcome</th><th>Impact</th></tr>
<tr><td>1</td><td>Check dam Restrengthening-Nana Kapaya</td><td>1</td><td>Water Storage Capacity increased</td><td>60 + farmer's 120+Acre Area of Agri land can be Irrigated</td></tr>
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Status of the conditions stipulated in Environment Clearance

Sr. No.	Conditions	Compliance Status as on 30-09-2023

			by 48000 Cum	
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 Checkdamat Bhujpur	1	prevent water runoff into seaside.	35 farmer's 120+Acre Area of Agri land can be Irrigated

- Home Biogas: Current year FY 2023-24 upto Sep'23 we process to facilitate 258 Gobardhan unit through Gov.
- 377 - AC Roof sheet support to Fisherfolk Vasaha 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.

- Earlier Completed Activities/Project:40 RRWHS structure have been completed.
- Total 229 nos. Bore-well recharging activity is completedPercolation well Recharging work at Bhadiya & Mota Kandgra village.
- Sluice gate Construction to Control Flood during Flooding at Khoydivadi Vistar Bhujpur.
- Pond Beatification and Bund Strengthening at Bhujpur village.
- Check dam gate valve construction at Bhujpur which controlled more than 350 MCFT water to go into sea and get recharged current year.
- commissioning of Community Training Centre at Shekhadiya.
- Two Pond Deepening at Zarpara under Amrut Sarovar Yojna.
- Ground recharge activities (pond deepening work for 61 ponds) individually and 26 ponds under Sujlam Suflam Jal Abhiyan.
- Pond Pipeline work at Prasla Vistar Zarpara which increase recharge capacity more than 25% in 100 hector area.
- JCB & Hitachi Machine Support for Pre-Moonson activities. Repairing and Maintenance work of Approach at Luni, Bavdi and Navinal Fishermen Bandar.
- 3 Re-strengthening of Approach Road.
- Renovate Blood storage Lab CHC Mundra Renovation Blood storage Lab CHC Mundra.
- Constructed 2 nos. of CC Road of 700 mtr.

Sr. No.	Conditions	Compliance Status as on 30-09-2023	
			• Constructed Community Training center Shekadiya. • Constructed 2 nos. Disable Widow Toilet Block • Installed R.O. Plant at Mokha with capacity 1000ltr /HR. • Constructed 4 nos. Common gathering Open Shed • Constructed 03 nos. of Water Tank at Luni Bandar. • Developed of Cricket Ground at Hatdi Village **ENVIRONMENT SUSTAINABILITY PROJECTS till Compliance period:** • **Miyawaki Forest Development, Nana Kapaya** - Native species planation In the 2 acre area at Nana Kapaya village creating a flourishing mini-forest with 5,508 trees. • • **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. • **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 • **Smruti Van** – Plantation more than 47,000 sapling with more than 115 species through Miyawaki methodology. • **Ecosystem Restoration, Guneri** – Grassland ecosystem restoration and mangrove conservation in 40 Ha area over a period of 4 years. The site visit and soil samplings conducted by GES team. Regular bi monthly meeting conducted to assess the annual phase wise growth of ongoing activities. • **Multi-Species Mangrove Park** - Adani Foundation at Mundra's initiated multi-species plantation of mangroves in Kutch association with GUIDE. During 2018-2019 (Phase-I) multi-species mangrove plantation was carried out in 10 ha, during Phase-II (2019-2020) it was 02 ha and during Phase III (2020-2021) it is 01 ha. During FY 2021-22, 03 ha area coastal stretches have been planted with species. During current FY 2022-23, 04 Hector plantation has been planted with various species. Total 20 Ha. multi-species mangrove plantation has been carried out till March-23 association with M/s. GUIDE, • Mangroves Biodiversity Park within one year • **Home biogas** - Under Gram Utthan Project, Adani Foundation is supporting home biogas to farmers to Uthhan Villages phase wise. Total 325 farmers are supported with Biogas as sustainable environment protection. • As per SORI use of biogas each farmer can save Rs.23400/year. **Water Conservation Projects** –

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th colspan="2">Compliance Status as on 30-09-2023</th></tr>
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<tr><td>3</td><td>Pipe Culvert at Checkdamat 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>
</table>
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.
</td></tr>
<tr><td></td><td></td><td>Skill Development</td><td>Over the previous few years, Adani Skill Development Center has assessed various aspects of the technical, leadership and soft skills gaps that organizations, in general, face and accordingly focuses on imparting required training in those areas in partnership with various colleges and institutes.</td></tr>
</table>

Sr. No.	Conditions	Compliance Status as on 30-09-2023
		ASDC, 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. • **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. ASDC and Thermax Foundation Done MoU. **ASDC, 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. **Skill Development and Income Generation –**Adani Foundation is working with 82 Self-help group and supporting to develop entrepreneur skills to become self-reliant, sourcing more than 850 women to absorb in various job –this will give them identity, confidence and right to speak in any decision for home, village and working area. Please refer **Annexure – 14** 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 lakhs are spent in FY

Sr. No.	Conditions	Compliance Status as on 30-09-2023
		2023-24 till Sep'23. Till Sep'23, Adani Foundation has done total expenditure of INR 163.35 Cr. for CSR activities in Kutch region since its inception.
64	The MUPL shall also comply with any additional condition that may be imposed by the SEAC or the SEIAA or any other competent authority for the purpose of the environmental protection and management.	Point noted.
65	No further expansion or modifications 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 from those submitted to MoEF/ SEIAA/ SEAC for clearance, a fresh reference shall be made to the SEIAA/ SEAC to assess the adequacy of imposed and to add additional environmental protection measures required, if any.	Point noted. Considering existing scenario, at present CETP having 2.5 MLD capacity only installed against total granted capacity of 17.0 MLD. Capacity of the same will be expanded on later stage as per requirement with requisite permissions from the competent authorities. No expansion or modifications in the plant has been carried out during this compliance period.
66	The project authorities shall	Complied.

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	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.	Please refer point no. 62 for details regarding the same.
67	The applicant shall inform the public that the project has been accorded environmental clearance by the SEIAA and the 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 from the date of clearance letter, in at least two local newspapers 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	Already complied. Copy of advertisement given in newspaper was submitted as a part of compliance report for the duration of Apr'17 to Sep'17.

<table>
<tr><th>Sr. No.</th><th>Conditions</th><th>Compliance Status as on 30-09-2023</th></tr>
<tr><td></td><td>concerned Regional Office of the Ministry.</td><td></td></tr>
<tr><td>68</td><td>It shall be mandatory for the project management to submit half-yearly compliance report 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.</td><td>Complied.

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) @ 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.

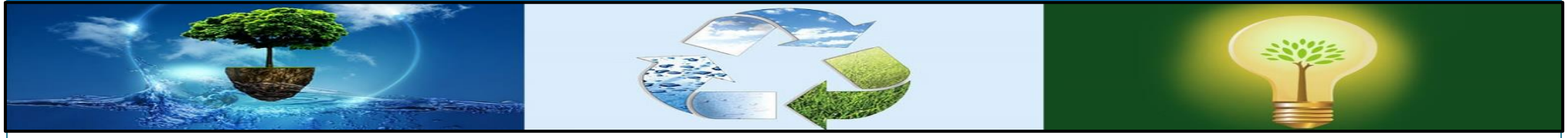
<table>
<tr><th>Sr. No.</th><th>Compliance period</th><th>Date of submission</th></tr>
<tr><td>1</td><td>Apr'20 to Sep'20</td><td>26.11.2020</td></tr>
<tr><td>2</td><td>Oct'20 to Mar'21</td><td>25.05.2021</td></tr>
<tr><td>3</td><td>Apr'21 to Sep'21</td><td>30.11.2021</td></tr>
<tr><td>4</td><td>Oct'21 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>
</table>
</td></tr>
<tr><td>69</td><td>The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.</td><td>Complied.

The stipulated norms made by GPCB are followed. All required data regarding to water, hazardous waste emission load and energy consumption are submitted to GPCB by Patrak submission on monthly basis.</td></tr>
<tr><td>70</td><td>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</td><td>Already complied.</td></tr>
</table>

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	project.	
71	The SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not found satisfactory.	Point noted.
72	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, interalia under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act 1986, Hazardous Wastes (Management and Handling) Rules, 2003 and the Public Liability Act, 1991 along with their amendments and rules.	Point noted.
73	This environmental clearance is valid for five years from the	Point noted.

Sr. No.	Conditions	Compliance Status as on 30-09-2023
	date of issue.	

Annexure – 1



"Half Yearly Environmental Monitoring Reports "

For,

adani
Ports and Logistics

M/S. MPSEZ Utilities Ltd. (MUL)

Survey No. 141, Village - Mundra, APSEZ, Tal: Mundra, Dist.: Kutch – 370 421

Monitoring Period: April – 2023 to September - 2023

Submitted By

UniStar
Environment and Research Labs Pvt. Ltd.

UniStar Environment & Research Labs Pvt. Ltd.

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RESULTS OF CETP INLET WATER

SR.NO.	TEST PARAMETERS	UNIT	CETP INLET						GPCB Permissible Limit CETP Inlet	TEST METHOD
			Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23		
			26-04-2023	29-05-2023	29-06-2023	13-07-2023	08-08-2023	13-09-2023		
1.	pH @ 27 ° C	--	7.41	7.39	7.44	7.87	7.78	7.24	6.5 to 8.5	APHA 23rd Ed.,2017,4500-H+B
2.	Temperature	^{0}C	30.5	31	30.5	30.1	30	30.2	--	IS 3025(Part 9)1984
3.	Colour	Pt. Co. Scale	80	80	70	50	80	70	100	IS 3025(Part 4)
4.	Total SuspeNOT DETECTEDed Solids	mg/L	40	64	82	16	42	26	800	APHA 23rd Ed.,2017,2540 –D
5.	Oil & Grease	mg/L	6	8	9	BDL(MDL:2.0)	3	4	20	IS 3025(Part39)1991, Amd. 2
6.	Phenolic CompouNOT DETECTED	mg/L	0.54	1.09	1.12	BDL(MDL:0.1)	0.34	0.86	2	IS 3025(Part 43)1992, Amd.2
7.	Fluoride	mg/L	1.35	1.16	1.06	0.8	0.86	0.69	2	APHA 23rd Ed.,2017,4500 F, D
8.	Iron as Fe	mg/L	0.138	0.204	0.186	0.29	0.346	0.312	3	IS 3025(Part 53)2003,
9.	Zinc as Zn	mg/L	0.104	0.128	0.142	BDL(MDL:0.05)	0.124	0.105	15	IS 3025(Part 49)1994
10.	Trivalent Chromium	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	3	By Calculation
11.	Sulphide	mg/L	1.2	1.04	1.16	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	2	APHA 23rd Ed.,2017,4500-H+B

Continue…

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

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			26-04-2023	29-05-2023	29-06-2023	13-07-2023	08-08-2023	13-09-2023		
12.	Ammonical Nitrogen	mg/L	31.5	39.6	42.4	21.2	28.4	22.8	50	IS 3025(Part 9)1984
13.	BOD (3 days at 27 ^{0}C)	mg/L	40	97	82	50	67	75	1000	IS 3025(Part 4)
14.	COD	mg/L	144.4	347.7	290.8	180.5	238.6	270.4	2000	APHA 23rd Ed.,2017,2540 –D
15.	Chloride (as Cl) $^-$	mg/L	707.2	814.8	840.2	724.3	781.9	798.1	1000	IS 3025(Part39)1991, Amd. 2
16.	Sulphate (as SO_4)	mg/L	50.3	48	44	75.3	80.2	84.4	1000	IS 3025(Part 43)1992, Amd.2
17.	Total Dissolved Solids	mg/L	1640	1634	1620	1476	1510	1524	2100	APHA 23rd Ed.,2017,4500 F, D
18.	Total Residual Chlorine	mg/L	0.55	0.64	0.78	0.94	0.96	0.94	2	IS 3025(Part 53)2003,
19.	Copper as Cu	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	3	IS 3025(Part 49)1994

Mr. Nilesh Patel
Sr. Chemist

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

Mr. Nitin Tandel
Technical Manager

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RESULTS OF CETP OUTLET WATER

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			26-04-2023	29-05-2023	29-06-2023	13-07-2023	08-08-2023	13-09-2023		
1.	pH @ 27 ° C	--	7.4	7.62	7.51	7.92	7.86	7.21	6.0 – 9.0	APHA 23rd Ed.,2017,4500-H+B
2.	Temperature	^{0}C	30.5	31	30.5	30.1	30	30.2	Shall not exceed more than 5 ^{0}C above received water temperature	IS 3025(Part 9)1984
3.	Colour	Pt. Co. Scale	50	50	40	40	50	50	100	IS 3025(Part 4)
4.	Total SuspeNOT DETECTEDed Solids	mg/L	14	22	18	BDL(MDL:4.0)	12	8	100	APHA 23rd Ed.,2017,2540 –D
5.	Oil & Grease	mg/L	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	10	IS 3025 (Part39)1991, Amd. 2
6.	Phenolic CompouNOT DETECTED	mg/L	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	1	IS 3025(Part 43)1992, Amd.2
7.	Fluoride	mg/L	1.34	1.24	1.36	0.3	0.42	0.38	2	APHA 23rd Ed.,2017,4500F, D
8.	Iron as Fe	mg/L	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	0.178	0.202	0.184	3	IS 3025(Part 53)2003,
9.	Zinc as Zn	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	15	IS 3025(Part 49)1994
10.	Trivalent Chromium	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	2	By Calculation

Continue…

SR.NO.	TEST PARAMETERS	UNIT	CETP OUTLET						GPCB Permissible Limit CETP Inlet	TEST METHOD
			Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23		
			26-04-2023	29-05-2023	29-06-2023	13-07-2023	08-08-2023	13-09-2023		
11.	Sulphide	mg/L	0.4	0.72	0.77	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	**2**	APHA 23rd Ed.,2017,4500-H^+B
12.	Ammonical Nitrogen	mg/L	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	21.5	**50**	IS 3025(Part 9)1984
13.	BOD (3 days at 27 ^0C)	mg/L	29	40	35	30	40	42	**100**	IS 3025(Part 4)
14.	COD	mg/L	104.2	143.9	124.8	106.1	133.5	150.4	**250**	APHA 23rd Ed.,2017,2540 –D
15.	Chloride (as $Cl)^-$	mg/L	655.4	853.4	864.5	512.5	602.2	684	**1000**	IS 3025(Part39)1991, Amd. 2
16.	Sulphate (as SO_4)	mg/L	41.9	44	38.2	70.4	74.6	80	**1000**	IS 3025(Part 43)1992, Amd.2
17.	Total Dissolved Solids	mg/L	1564	1590	1588	1112	1186	1222	**2100**	APHA 23rd Ed.,2017,4500F, D
18.	Total Residual Chlorine	mg/L	0.52	0.88	0.84	0.91	0.94	0.82	**1**	IS 3025(Part 53)2003,
19.	Copper as Cu	mg/L	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	**3**	IS 3025(Part 49)1994
20.	Bio Assay test (%)	%	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	90 % survival of fish after 96 hrs. in 100% effluent	**90 % survival of fish after 96 hrs. in 100% effluent**	IS:6582-1971

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Results of Ambient Air Quality Monitoring

Name of Location		WTP- Nr. CETP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	NH3 µg/m³	Ozone µg/m³	Pb µg/m³	Ni ng/m³	As ng/m³	Benzene µg/m³	B(a)P ng/m³
1.	03-04-2023	82.89	37.62	20.13	28.84	NOT DETECTED	13.24	<5.0	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED
2.	06-04-2023	89.64	44.19	27.64	36.26	--	--	--	--	--	--	--	--
3.	10-04-2023	79.13	38.86	22.61	29.1	--	--	--	--	--	--	--	--
4.	13-04-2023	81.68	32.79	18.36	14.53	--	--	--	--	--	--	--	--
5.	17-04-2023	85.54	37.81	24.93	31.58	--	--	--	--	--	--	--	--
6.	20-04-2023	81.38	39.23	22.47	27.84	--	--	--	--	--	--	--	--
7.	24-04-2023	89.73	34.57	21.99	26.37	--	--	--	--	--	--	--	--
8.	27-04-2023	83.56	36.03	25.83	32.44	--	--	--	--	--	--	--	--
9.	01-05-2023	83.93	39.62	24.19	29.61	--	--	--	--	--	--	--	--
10.	04-05-2023	88.59	44.38	30.26	36.73	--	--	--	--	--	--	--	--
11.	08-05-2023	76.61	46.15	34.83	39.68	--	--	--	--	--	--	--	--
12.	11-05-2023	84.55	41.78	29.45	34.28	--	--	--	--	--	--	--	--
13.	15-05-2023	87.15	37.28	24.03	29.77	--	--	--	--	--	--	--	--
14.	18-05-2023	79.36	39.51	27.47	32.58	--	--	--	--	--	--	--	--
15.	22-05-2023	85.25	36.73	23.58	27.65	--	--	--	--	--	--	--	--

Continue…

Name of Location		WTP- Nr. CETP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	NH3 µg/m³	Ozone µg/m³	Pb µg/m³	Ni ng/m³	As ng/m³	Benzene µg/m³	B(a)P ng/m³
16.	25-05-2023	78.16	34.42	21.29	26.35	--	--	--	--	--	--	--	--
17.	29-05-2023	82.45	38.89	26.43	31.59	--	--	--	--	--	--	--	--
18.	01-06-2023	85.18	36.24	28.51	33.28	--	--	--	--	--	--	--	--
19.	05-06-2023	88.36	31.78	25.84	29.63	--	--	--	--	--	--	--	--
20.	08-06-2023	74.39	33.46	29.37	31.89	--	--	--	--	--	--	--	--
21.	12-06-2023	85.48	29.75	26.2	30.71	--	--	--	--	--	--	--	--
22.	15-06-2023	70.25	22.64	18.25	22.23	--	--	--	--	--	--	--	--
23.	19-06-2023	57.23	20.44	12.5	15.23	--	--	--	--	--	--	--	--
24.	22-06-2023	51.23	18.25	6.25	10.36	--	--	--	--	--	--	--	--
25.	26-06-2023	50.24	16.52	7.15	11.54	--	--	--	--	--	--	--	--
26.	29-06-2023	48.25	15.2	7.54	10.26	--	--	--	--	--	--	--	--
27.	03-07-2023	45.85	16.37	11.4	14.63	NOT DETECTED	6.13	<5.0	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED
28.	06-07-2023	52.56	18.73	14.59	18.42	--	--	--	--	--	--	--	--
29.	10-07-2023	43.29	15.88	12.47	16.73	--	--	--	--	--	--	--	--
30.	13-07-2023	47.89	16.42	15.99	18.41	--	--	--	--	--	--	--	--
31.	17-07-2023	54.10	19.62	17.11	20.58	--	--	--	--	--	--	--	--

Continue…

Name of Location		WTP- Nr. CETP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	NH3 µg/m³	Ozone µg/m³	Pb µg/m³	Ni ng/m³	As ng/m³	Benzene µg/m³	B(a)P ng/m³
32.	20-07-2023	51.58	18.07	15.78	17.35	--	--	--	--	--	--	--	--
33.	24-07-2023	59.74	20.48	17.34	21.42	--	--	--	--	--	--	--	--
34.	27-07-2023	62.53	23.16	20.48	23.85	--	--	--	--	--	--	--	--
35.	31-07-2023	58.69	21.74	16.13	20.88	--	--	--	--	--	--	--	--
36.	03-08-2023	74.31	28.74	15.48	17.55	--	--	--	--	--	--	--	--
37.	07-08-2023	70.62	30.12	16.53	19.64	--	--	--	--	--	--	--	--
38.	10-08-2023	73.58	32.76	18.23	21.38	--	--	--	--	--	--	--	--
39.	14-08-2023	71.43	29.76	16.89	18.65	--	--	--	--	--	--	--	--
40.	17-08-2023	74.75	32.17	17.54	20.81	--	--	--	--	--	--	--	--
41.	21-08-2023	72.47	36.89	19.32	22.56	--	--	--	--	--	--	--	--
42.	24-08-2023	70.38	38.63	20.74	24.11	--	--	--	--	--	--	--	--
43.	28-08-2023	73.64	33.22	17.16	19.75	--	--	--	--	--	--	--	--
44.	31-08-2023	71.20	35.47	19.31	21.49	--	--	--	--	--	--	--	--
45.	04-09-2023	70.16	32.63	17.41	21.86	--	--	--	--	--	--	--	--
46.	07-09-2023	73.86	35.87	20.28	24.65	--	--	--	--	--	--	--	--
47.	11-09-2023	75.91	39.81	24.17	29.52	--	--	--	--	--	--	--	--

Continue…

Name of Location		WTP- Nr. CETP											
Sr. No.	Date of Monitoring	Parameter with Results											
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	NH3 µg/m³	Ozone µg/m³	Pb µg/m³	Ni ng/m³	As ng/m³	Benzene µg/m³	B(a)P ng/m³
48.	14-09-2023	72.36	34.25	19.84	23.57	--	--	--	--	--	--	--	--
49.	18-09-2023	70.63	31.93	16.71	20.66	--	--	--	--	--	--	--	--
50.	21-09-2023	71.85	30.79	15.3	18.76	--	--	--	--	--	--	--	--
51.	25-09-2023	73.97	33.47	17.84	21.49	--	--	--	--	--	--	--	--
52.	28-09-2023	74.76	36.16	20.12	24.65	--	--	--	--	--	--	--	--
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

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Results of Ambient Air Quality Monitoring

Name of Location		AIR STRIP												
Sr. No.	Date of Monitoring	Parameter with Results												
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	NH3 µg/m³	Ozone µg/m³	Pb µg/m³	Ni ng/m³	As ng/m³	Benzene µg/m³	B(a)P ng/m³	HC
1.	03-04-2023	89.84	35.63	23.58	28.73	0.09	<5.0	<5.0	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	--
2.	06-04-2023	75.48	26.16	13.35	19.63	NOT DETECTED	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
3.	10-04-2023	87.57	36.38	19.85	24.74	1.12	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
4.	13-04-2023	83.16	31.92	15.26	21.88	0.08	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
5.	17-04-2023	88.27	28.31	18.46	26.14	0.07	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
6.	20-04-2023	72.14	25.84	13.29	17.15	NOT DETECTED	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
7.	24-04-2023	81.65	28.51	21.89	25.52	0.08	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
8.	27-04-2023	87.86	32.47	22.53	28.13	1	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
9.	01-05-2023	81.46	39.24	22.46	25.31	0.09	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
10.	04-05-2023	84.38	33.68	17.37	20.92	1.17	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
11.	08-05-2023	78.17	37.82	21.79	25.63	1	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED

Continue…

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Name of Location		AIR STRIP												
Sr. No.	Date of Monitoring	Parameter with Results												
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	NH3 µg/m³	Ozone µg/m³	Pb µg/m³	Ni ng/m³	As ng/m³	Benzene µg/m³	B(a)P ng/m³	HC
12.	11-05-2023	87.84	33.68	19.74	21.62	0.07	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
13.	15-05-2023	74.13	30.61	15.33	18.26	0.05	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
14.	18-05-2023	68.83	27.47	17.83	23.54	0.15	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
15.	22-05-2023	78.55	32.18	20.75	25.81	0.92	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
16.	25-05-2023	72.38	25.53	18.25	21.67	1	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
17.	29-05-2023	80.02	31.49	21.72	24.62	1.12	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
18.	01-06-2023	89.61	36.26	20.73	24.16	0.1	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
19.	05-06-2023	85.43	32.89	17.54	21.38	0.08	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
20.	08-06-2023	78.1	27.47	14.69	17.42	0.1	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
21.	12-06-2023	83.32	31.41	18.83	23.35	0.05	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
22.	15-06-2023	62.15	20.21	17.52	21.84	0.03	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED

Continue…

Name of Location		AIR STRIP												
Sr. No.	Date of Monitoring	Parameter with Results												
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	NH3 µg/m³	Ozone µg/m³	Pb µg/m³	Ni ng/m³	As ng/m³	Benzene µg/m³	B(a)P ng/m³	HC
23.	19-06-2023	50.23	18.5	11.84	16.23	0.02	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
24.	22-06-2023	48.44	15.23	7.25	11.2	0.05	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
25.	26-06-2023	45.21	14.2	7.4	10.36	0.02	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
26.	29-06-2023	44.23	13.87	6.85	10.25	0.05	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
27.	03-07-2023	47.19	19.53	10.46	13.89	NOT DETECTED	<5.0	<5.0	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	NOT DETECTED	--
28.	06-07-2023	56.73	22.64	12.42	16.58	NOT DETECTED	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
29.	10-07-2023	45.39	19.25	9.63	12.56	NOT DETECTED	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
30.	13-07-2023	41.47	17.11	8.62	10.65	NOT DETECTED	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
31.	17-07-2023	50.61	20.48	10.54	14.32	NOT DETECTED	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
32.	20-07-2023	43.83	18.51	9.88	12.54	NOT DETECTED	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
33.	24-07-2023	47.99	18.78	10.64	14.29	NOT DETECTED	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
34.	27-07-2023	53.15	20.21	13.52	17.69	NOT DETECTED	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED

Continue…

Name of Location		AIR STRIP												
Sr. No.	Date of Monitoring	Parameter with Results												
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	NH3 µg/m³	Ozone µg/m³	Pb µg/m³	Ni ng/m³	As ng/m³	Benzene µg/m³	B(a)P ng/m³	HC
35.	31-07-2023	56.72	22.54	15.76	19.42	NOT DETECTED	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
36.	03-08-2023	52.76	20.37	10.24	15.99	0.04	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
37.	07-08-2023	57.43	22.56	12.53	17.11	0.05	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
38.	10-08-2023	63.98	23.71	14.76	18.58	0.07	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
39.	14-08-2023	70.14	25.68	15.96	23.53	0.08	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
40.	17-08-2023	67.62	23.02	13.51	17.54	0.05	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
41.	21-08-2023	74.92	26.59	16.47	21.72	0.07	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
42.	24-08-2023	81.56	28.31	17.48	24.65	0.1	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
43.	28-08-2023	78.23	27.42	15.31	22.49	0.08	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
44.	31-08-2023	72.75	25.54	14.68	19.84	0.05	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
45.	04-09-2023	69.79	24.26	14.29	17.31	0.02	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
46.	07-09-2023	73.51	26.83	15.84	18.1	0.04	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED

Continue…

Name of Location		AIR STRIP												
Sr. No.	Date of Monitoring	Parameter with Results												
		PM_{10} µg/m³	$PM_{2.5}$ µg/m³	SO_2 µg/m³	NO_2 µg/m³	CO mg/m³	NH3 µg/m³	Ozone µg/m³	Pb µg/m³	Ni ng/m³	As ng/m³	Benzene µg/m³	B(a)P ng/m³	HC
47.	11-09-2023	75.36	27.63	17.11	20.75	0.03	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
48.	14-09-2023	81.16	29.79	20.51	23.28	0.06	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
49.	18-09-2023	62.85	22.4	13.65	16.49	NOT DETECTED	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
50.	21-09-2023	65.36	24.81	14.38	17.65	NOT DETECTED	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
51.	25-09-2023	70.49	25.68	15.39	18.91	0.02	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
52.	28-09-2023	73.56	27.41	17.85	20.52	0.03	--	--	--	--	--	NOT DETECTED	--	NOT DETECTED
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**	**Gas analyzer**

Nikunj D. Patel
(Chemist)

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

Jaivik S. Tandel
(Manager - Operations)

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

White House
Near G.I.D.C. Office, Char Rasta,
Vapi - 396 195. Gujarat, India.
Phone : +91 260 2433966 / 2425610
Email : response@uerl.in Website : www.uerl.in

Results of Noise Level Monitoring

Location Name		WTP- Nr. CETP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		12-04-2023	06-05-2023	03-06-2023	05-07-2023	05-08-2023	06-09-2023
1	06:00 to 07:00	60.5	64.5	61.9	58.3	60.7	64.1
2	07:00 to 08:00	58.4	63.5	63.5	63.2	61.4	62.5
3	08:00 to 09:00	62.5	62.8	58.9	66.8	64.7	65.7
4	09:00 to 10:00	66.1	60.5	63.5	64.5	66.3	68.4
5	10:00 to 11:00	65.4	65.3	67.8	68.6	65.3	66.9
6	11:00 to 12:00	66.3	62.8	68.5	65.2	62.8	67.3
7	12:00 to 13:00	65.5	66.7	65.5	67.1	65.9	69.3
8	13:00 to 14:00	67.3	69.8	62.6	66.1	67.8	63.2
9	14:00 to 15:00	65.8	65.5	63.5	69	64.6	64.7
10	15:00 to 16:00	62.8	68.2	66.7	68.2	66.9	66.5
11	16:00 to 17:00	65.4	66.5	68.5	66.9	63.7	68.6
12	17:00 to 18:00	66.1	66.1	66.9	62.8	65.8	67.1
13	18:00 to 19:00	63.8	67.3	62.5	65.8	63.6	63.7
14	19:00 to 20:00	63.5	66.7	65.2	61.3	60.8	64.8
15	20:00 to 21:00	66.4	65.4	62.3	68.9	64.6	62.1
16	21:00 to 22:00	60.7	63.9	60.7	64.1	63.1	61.2
Day Time		<75 dB (A)					

Continue...

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

Location Name		WTP- Nr. CETP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) – Night Time					
		12-04-2023	06-05-2023	03-06-2023	05-07-2023	05-08-2023	06-09-2023
1	22:00 to 23:00	60.5	59.6	59.6	59.3	57.3	56.2
2	23:00 to 24:00	59.5	59.9	60.3	59.1	60.3	59.8
3	24:00 to 01:00	60.5	62.6	60.5	61.6	62.8	61.3
4	01:00 to 02:00	58.1	61.8	55.4	56.4	61.8	60.1
5	02:00 to 03:00	60.5	55.4	59.4	57.3	64.3	58.3
6	03:00 to 04:00	57.5	55.5	60.2	53.1	61.7	56.4
7	04:00 to 05:00	55.6	55.2	59.8	58.4	58.9	58.2
8	05:00 to 06:00	55.5	56.2	56.4	57.5	54.8	60.4
Night Time		<70 dB (A)					

Test Method	IS: 9989 : 1981

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

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(Chemist)

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Phone : +91 260 2433966 / 2425610
Email : response@uerl.in Website : www.uerl.in

Results of Noise Level Monitoring

Location Name		AIR STRIP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Day Time					
		22-04-2023	27-05-2023	24-06-2023	22-07-2023	25-08-2023	23-09-2023
1	06:00 to 07:00	63.9	63.4	61.1	62.6	61.5	60.7
2	07:00 to 08:00	67.8	64.2	68.5	68.3	64.7	63.6
3	08:00 to 09:00	68.9	65.5	65.5	64.2	62.6	65.8
4	09:00 to 10:00	67.1	64.9	64.1	69.8	65.7	66.2
5	10:00 to 11:00	68.5	63.6	68.9	65.8	66.3	65.8
6	11:00 to 12:00	69.1	65.3	67.1	68.1	64.7	62.5
7	12:00 to 13:00	67.5	62.8	68.3	67.2	66.8	65.7
8	13:00 to 14:00	66.9	60.4	64.2	62.5	64.1	66.1
9	14:00 to 15:00	61.8	59.4	62.3	67.1	65.3	63.7
10	15:00 to 16:00	63.8	67.3	69.4	61.5	63.7	65.9
11	16:00 to 17:00	66.7	64.8	66.5	65.6	67.9	63.1
12	17:00 to 18:00	65.3	64.1	62.6	68.8	65.8	60.7
13	18:00 to 19:00	66.7	62.6	65.9	65.4	63.2	63.6
14	19:00 to 20:00	62.9	60.5	63.5	61.7	60.7	62.6
15	20:00 to 21:00	64.2	63.6	61.7	59.5	58.3	61.8
16	21:00 to 22:00	60.1	59.8	60.1	57.7	58.1	59.3
Day Time		<75 dB (A)					

Continue…

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

Location Name		AIR STRIP					
Sr. No.	Sampling Date and Time	Noise Level Leq. dB(A) - Night Time					
		22-04-2023	27-05-2023	24-06-2023	22-07-2023	25-08-2023	23-09-2023
1	22:00 to 23:00	61.3	59.6	58.1	57.8	59.1	60.1
2	23:00 to 24:00	59.7	57.8	60.4	58.3	56.9	62.3
3	24:00 to 01:00	57.4	58.3	57.8	61.2	60.3	59.8
4	01:00 to 02:00	56.9	61.2	57.6	59	63.8	57.4
5	02:00 to 03:00	59.4	59	60.3	58.7	64.1	54.3
6	03:00 to 04:00	60.3	58.7	56.2	61.1	61.9	57.8
7	04:00 to 05:00	58.4	61.1	56.9	57.3	58.8	58.2
8	05:00 to 06:00	60.6	58.2	57.1	54.7	56.4	60.2
Day Time		<70 dB (A)					

Test Method	IS: 9989 : 1981

Nikunj D. Patel
(Chemist)

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CIN:U73100GJ2007PTC051463

Results of Stack Monitoring

Sr. No.	Parameter	Unit	Sep-2023 D.G.Set No. S-1 (380 KVA) 16-09-2023	GPCB LIMIT	Method of Test
1	Particulate Matter	mg/Nm^3	24.74	**150**	**IS 11255 (Part - 1)**
2	Sulphur Dioxide as SO_2	ppm	9.3	**100**	**IS 11255 (Part - 2)**
3	Oxides of Nitrogen as NO_X	ppm	33.58	**50**	**IS 11255 (Part - 7)**
4	Carbon Monoxide	mg/Nm3	4.9	--	**UERL/AIR/SOP/18**
5	Non Methyl Hydro Carbon	ppm	Not Detected	--	**UERL/AIR/SOP/27**

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CIN:U73100GJ2007PTC051463

RESULTS OF BOREHOLE WATER SAMPLE

Sr. No	Parameters	Method	Unit	01-09-2023
				Nr. CETP
1	pH @ 25 ° C	IS 3025(Part 11)1983	--	8.12
2	Salinity	APHA 23rd Ed.,2017,2520 B	ppt	1.75
3	Oil & Grease	IS 3025(Part39)1991, Amd. 2	mg/L	BDL(MDL:5.0)
4	Hydrocarbon	GC/GCMS	mg/L	Not Detected
5	Lead as Pb	IS 3025 (PART 47) 1994	mg/L	BDL(MDL:0.01)
6	Arsenic as As	APHA 23rd Ed.,2017,3114-C	mg/L	BDL(MDL:0.01)
7	Nickel as Ni	IS 3025 (PART 54) 2003	mg/L	0.079
8	Total Chromium as Cr	IS 3025 (PART 52) 2003	mg/L	BDL(MDL:0.05)
9	Cadmium as Cd	IS 3025(PART 41) 1992	mg/L	0.04
10	Mercury as Hg	APHA 23rd Ed.,2017, 3112-B	mg/L	BDL(MDL:0.001)
11	Zinc as Zn	IS 3025(PART 49) 1994	mg/L	0.09
12	Copper as Cu	IS 3025 (PART 42) 1992	mg/L	BDL(MDL:0.05)
13	Iron as Fe	IS 3025(PART 53) 2003	mg/L	0.331
14	Insecticides/Pesticides	USEPA 8081 B	µg/L	Absent
15	Depth of Water Level from Ground Level	--	meter	2.2

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

Mr. Nilesh Patel
Sr. Chemist

Mr. Nitin Tandel
Technical Manager

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Extended Work Office : G.I.D.C., Dahej-II, Bharuch, Gujarat.
CIN:U73100GJ2007PTC051463

RESULTS OF SOIL SAMPLE

SR. NO.	TEST PARAMETERS	UNIT	01-09-2023
			Near CETP
1	pH	--	9.12
2	Nitrogen as N	%	0.38
3	Phosphorus as P	mg/kg	502.5
4	Potassium as K	mg/kg	164.5
5	Baron as B	mg/kg	2.99
6	Calcium as Ca	mg/kg	401.4
7	Magnesium as Mg	mg/kg	62.2
8	Iron as Fe	%	0.88
9	Moisture	%	1.72
10	Organic Matter	%	1.42
11	Cation exchange capacity (CEC)	meq/100gm	10.02
12	TVC	CFU/gm	2.0×10^6
13	Cadmium as Cd	mg/kg	BDL(MDL:1.0)
14	Thorium as Th	mg/kg	BDL(MDL:1.0)
15	Antimony as Sb	mg/kg	BDL(MDL:1.0)
16	Arsenic as As	mg/kg	BDL(MDL:1.0)

Continue…

17	Lead as Pb	mg/kg	7.44
18	Chromium as Cr	mg/kg	4.31
19	Cobalt as Co	mg/kg	9.84
20	Copper as Cu	mg/kg	15.94
21	Nickel as Ni	mg/kg	13.75
22	Manganese and Mn	mg/kg	180.62
23	Vanadium as V	mg/kg	8.21

Mr. Nilesh Patel
Sr. Chemist

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

Mr. Nitin Tandel
Technical Manager

Minimum Detection Limit			
Ambient Air Quality Monitoring			
Sr. No.	**Test Parameter**	**Unit**	**MDL**
1	Particulate Matter (PM10)	µg/m3	5 µg/m3
2	Particulate Matter (PM2.5)	µg/m3	5 µg/m3
3	Sulphur Dioxide (SO2)	µg/m3	4 µg/m3
4	Nitrogen Dioxide (NO2)	µg/m3	5 µg/m3
5	Carbon Monoxide (CO)	mg/m3	0.01 mg/m3
6	Ammonia (NH3)	µg/m3	5 µg/m3
7	Ozone (O3)	µg/m3	5 µg/m3
8	Lead (Pb)	µg/m3	0.5 µg/m3
9	Nickle (Ni)	ng/m3	1 ng/m3
10	Arsenic (As)	ng/m3	1 ng/m3
11	Benzene	µg/m3	1µg/m3
12	Benzo(o)Pyrene	ng/m3	0.1 ng/m3
13	Hydro Carbon	µg/m3	1 µg/m3
Stack Emission Monitoring			
Sr. No.	**Test Parameter**	**Unit**	**MDL**
1	SuspeNOT DETECTEDed particulate matter	mg/Nm3	2 mg/Nm3
2	Sulphur Dioxide SOX	mg/Nm3	4 mg/Nm3
3	Oxides of Nitrogen NOX	mg/Nm3	5 mg/Nm3

CETP water			
Sr. No.	**Test Parameter**	**Unit**	**MDL**
1	pH @ 27 ° C	--	2
2	Temperature	0C	5
3	Colour	Pt. Co. Scale	5
4	Total SuspeNOT DETECTEDed Solids	mg/L	4
5	Oil & Grease	mg/L	2
6	Phenolic CompouNOT DETECTED	mg/L	0.1
7	Fluoride	mg/L	0.2
8	Iron as Fe	mg/L	0.1
9	Zinc as Zn	mg/L	0.05
10	Trivalent Chromium	mg/L	0.05
11	Sulphide	mg/L	0.05
12	Ammonical Nitrogen	mg/L	2
13	BOD (3 days at 27 0C)	mg/L	1
14	COD	mg/L	2
15	Chloride (as $Cl)^-$	mg/L	1
16	Sulphate (as SO_4)	mg/L	1
17	Total Dissolved Solids	mg/L	4
18	Total Residual Chlorine	mg/L	0.1
19	Copper as Cu	mg/L	0.05
20	Bio Assay test (%)	%	--

Annexure – 2

adani
Ports and Logistics

PCB ID: 10605

APSEZL/EnvCell/2023-24/055

Date: 04.10.2023

To,
The Member Secretary,
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector 10- A,
Gandhinagar – 382 010.

06/10/2023
Gujarat Pollution Control Board
Head Office
Sector No.-10-A
Gandhinagar-382010

Subject: Submission of Monthly Analysis Reports (Third Party) of CETP operated by MPSEZ Utilities Limited for the month of **Sep 2023**.

Dear Sir,

With reference to the above stated subject, please find enclosed monthly analysis reports of inlet & outlet of CETP, Ambient Air Quality, Ambient Noise Quality, and half yearly analysis reports of Groundwater (Borehole) analysis and Soil analysis carried out by NABL / MoEF&CC recognized laboratory is attached as per **Annexure – I** for the month of **Sep 2023**.

The reports are submitted here-with in view of the EC granted by SEIAA, Gandhinagar vide their letter no. SEIAA/GUJ/EC/7(h)/43/2010 dated 20th Feb, 2010.

Kindly accept above submission and acknowledge the same.

Yours Faithfully,

For, MPSEZ Utilities Limited

04/10/2023

Authorized Signatory

MPSEZ Utilities Limited
(Formerly MPSEZ Utilities Private Limited)
Adani Corporate House, Shantigram,
Nr. Vaishno Devi Circle, S. G. Highway,
Khodiyar, Ahmedabad - 382421
Gujarat, India

Tel +91 79 2555 5801
Fax +91 79 2555 6490
info@adani.com
www.adani.com
CIN: U45209GJ2007PLC051323

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

Annexure – 3

o/c

adani
Ports and Logistics

PCB ID: 10605

APSEZL/EnvCell/2023-24/056

Date: 04.10.2023

06/10/2023
Gujarat Pollution Control Board
Head Office
SCO No.-10-A,
Gandhinagar-382010.

To,
The Member Secretary,
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector 10- A,
Gandhinagar – 382 010.

Subject: Submission of Monthly Analysis Reports along with receiving quantity of Industrial effluent and domestic sewage of units and Mundra Village connected with CETP operated by MPSEZ Utilities Limited for the month of **Sep 2023**.

Dear Sir,

With reference to the above stated subject, please find enclosed monthly analysis reports along with receiving quantity of the Industrial effluent and domestic sewage received from following at CETP for the month of **Sep 2023**.

Sr. No.	Unit Name	Type of Effluent
1.	M/s. Dorf Ketal Chemicals India Pvt. Ltd.	Industrial Effluent
2.	M/s. Ahlstrom Munksjo Fibercomposites India Pvt. Ltd.	Industrial Effluent
3.	M/s. Skaps Industries India (Pvt.) Ltd. (Unit – I)	Domestic Sewage
4.	Mundra SEZ Integrated Textile Apparel Park Pvt. Ltd.	Domestic Sewage
5.	Mundra Village	Domestic Sewage

Kindly accept above submission and acknowledge the same.

Yours Faithfully,

For, MPSEZ Utilities Limited

Authorized Signatory

04/10/2023

MPSEZ Utilities Limited
(Formerly MPSEZ Utilities Private Limited)
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CIN: U45209GJ2007PLC051323

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

Annexure – 4

Details of Fresh Water Consumption (Apr – 23 to Sep – 23)

Month	Total water Consumption (KL)	Water consumption data in KL	
		Industrial	Domestic
Apr-2023	159	127.20	31.80
May-2023	174	139.20	34.80
Jun-2023	325	260.00	65.00
Jul-2023	149	119.20	29.80
Aug-2023	168	134.40	33.60
Sep-2023	160	128.00	32.00
Total	**1135**	**908**	**227**
Avg. per Day	**6.20**	**4.962**	**1.240**

Details of Received Trade Effluent and Treated Water Discharge Quantity (Apr – 23 to Sep – 23)

Sr. No.	Month	Effluent & Sewage collected from member units + CETP in KL	Treated water Discharge in KL
1	Apr-2023	26940	22545
2	May-2023	27634	23930
3	Jun-2023	21924	19893
4	Jul-2023	36743	31819
5	Aug-2023	36265	31856
6	Sep-2023	29637	25768
Total Quantity		**179143**	**155811**
Avg. Quantity per Day		**978.92**	**851.43**

Annexure – 5

ANALYSIS REPORT FOR
WATER / WASTE WATER SAMPLE

Sample ID:395848 - Analysis Completion:25/09/2023

Common treatment and disposal facilities(CETP, TSDF, Ewaste recycling, CBMWTF, effluent conveyance project, incinerator, solvent/acid recovery plant, MSW sanitary landfill site) / LAB Inward : 8253

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

TEST REPORT

Test Report No. : 8253 **Date: 25/09/2023**

1. Name of the Customer : **MPSEZ Utilities Ltd. (MUL) - 10605**
2. Address : **SURVEY NO. 141 (PART),SURVEY NO. 141 (PART),VILL MUNDRA,SURVEY NO. 1 MUNDRA**
3. Nature of Sample : **REP-Representative/Grab, (Insp Type : ROU-Routine Visit)**
4. Sample Collected By : **Rajesh Parmar, EE**
5. Quantity of Sample Received : **5 lits**
6. Code No. of the Sample : **395848**
7. Date & Time of Collection & Inwarding : **13/09/2023 , (1430 to 1430) & 16/09/2023**
8. Date of Start & Completion of Analysis : **16/09/2023 & 25/09/2023**
9. Sampling Point : **From Final outlet of CETP ~**
10. Flow Details (Remarks) :
11. Mode of Disposal : **On land for plantation & gardening**
12. Ultimate Receiving Body : **u/g strata**
13. Temperature on Collection : **25 & pH Range on pH Strip :7 to 8**
14. Carboys Nos for : **Barcode & Color & Appearance :Colourless**
15. Water Consumption & W.W.G (KLPD) : **Ind :80.000 , Dom :20.000 & Ind :0.000 , Dom :15.000**

Sr	Parameter	Unit	Test Method	Range of Testing	Result
1	Temperature	Centigrade	IS: 3025 (Part – 9) – 1984(Reaffirmed 2006)	Ambient oC - 60 oC	25
2	pH	pH Units	4500 H+ B APHA Standard Methods 23rd edi.2017	1 – 14 pH value As or	7.86
3	Colour	Pt.Co.Sc.	2120 B APHA Standard Methods 23rd edi. 2017	2 - to 99 Hazen & 1-50	20
4	Total Dissolved Solids	mg/l	Gravimetric method. (2540 C APHA Standard Method	10 – 200000 mg/L	1922
5	Suspended Solids	mg/l	Gravimetric method. (2540 D APHA Standard Method	2 – 10000 mg/L	36
6	Ammonical Nitrogen	mg/l	1).Titrimetric method (4500 NH3 B & C APHA Standar	1 - 2000 mg/l.	8.4
7	Percent Sodium	%Na	IS11624-1986(Reaffirmed 2009)	0.01 – 100%.	51
8	Chloride	mg/l	Argentometric method. (4500 Cl? B APHA Standard M	1 - 50000 mg/l	490
9	Sulphate	mg/l	APHA(23rd edi) 4500 SO4 E	2-40mg/l	360
10	Chemical Oxygen Demand	mg/l	APHA (23rd Edition)- 5220 B Open Reflux Method-2(	5.0- 50000 mg/l	65
11	Oil & Grease	mg/l	Liquid – Liquid Partition Gravimetric method. (5520 B	01 – 1000 mg/l	1.2
12	Phenolic Compounds	mg/l	4 Amino Antipyrene method without Chloroform Extra	0.1 – 50 mg/l	0.0
13	Fluoride	mg/l	SPADNS method (4500-F-D APHA standard Methods	0.10-40 mg/l	0.31
14	Iron	mg/l	(3111 B APHA Standard methods 21st edi)	0.02-150mg/l	N.A
15	Zinc	mg/l	(3111 B APHA Standard methods 21st edi)	0.005-100mg/l	N.A
16	Copper	mg/l	3111 B APHA Standard methods 21st edi)	0.01-150 mg/l	N.A
17	B.O.D (3 Days 27oC)	mg/l	3 – Day BOD test. (IS 3025 (Part 44) 1993 Reaffirmed	05–50000 mg/l	22

Laboratory Remarks : Freezing By:474-r.o_474 Dt.: 25/09/2023

J.D.Patil, SO

Field Observation :

Note : 1. * - These parameters are NOT covered under the scope of NABL.
2. The results refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
3. Samples will be destroyed after 10 days from the date of issue of test report unless otherwise specified.
4. This report is not to be reproduced wholly or in part or used in any advertising media without the permission of the Board in writing.
5. The Board is not responsible for the authenticity for the samples not collected by the Board's officials.
6. Total liability of our laboratory is limited to the invoiced amount. Any dispute arising out of this report is subject to Gujarat Jurisdiction only.
7. Permissible Limits: as per Schedule VI of EPA Rules, 1986 as ammended by Second and Third ammendment 1993 for Effluents
8. Physicochemical and microbiological parameters, Std.Methods for Water and Waste Water- 23rd Edition by APHA.
9. Bioassay test (for toxicity) -IS:6582:Part-2:2001; Reaffirmed 2007.

Annexure – 6

MPSEZ UTILITIES LIMITED, MUNDRA

INTEGRATED MANAGEMENT SYSTEM PROCEDURES MANUAL

ASSET/ F/ 003

COMMON EFFLUENT TREATMENT PLANT (CETP)

Date: 30/9/23

TIME	pH Value				DO Value (mg/L)	
	Eq. Tank-1	Eq. Tank-2	Guard Pond	Final Outlet	Aeration Tank-1	Aeration Tank-2
08:00 AM	8.2		8.0	7.9		3.2
12:00 PM	8.2		8.0	7.9		3.2
16:00 PM						
20:00 PM	8.2		8.0	7.9		3.2
00:00 AM	8.2		8.0	7.9		3.2
04:00 AM						

Meter Reading	Initial	Final	Difference	Remarks
Time of Reading Taken	12:00AM	12:00AM		
Energy Meter Reading in KWH	56059	56095	36	
Sector-5 Inlet Flow meter in KL (F1)	331525	331617	92	
MITAP Area Inlet flow meter in KL (F2)	604239	605037	798	
Final Treated Water Outlet Flow meter (F3)	475253	475923	670	
Mundra Village Sewage Flow Meter in KL (F4)	490929	491611	682	
Fresh Water Consumption Flow meter (F5)	2177	2184	07	

Chemical Consumption in Kg

Name of Chemical	Opening	Closing	Difference	Remarks
Sodium Hypochlorite	320	280	40 Kg	
Alum Solid	538	530	8 Kg	
Anionic Polyelectrolyte	118	117	1129	
HCl	-	-		

Hazardous Waste

Sludge Disposal	Generation in Kg	Disposed in Kg	Stock as on Date	Remarks
CETP Sludge	2.00,		3.28.	

Status of CEQMS	pH	TSS (mg/L)	COD (mg/L)	BOD (mg/L)	TOC (mg/L)	NH3-N (mg/L)
Value	8.0	57	142	59	174	6.8

Name & Sign of Operator DAY SHIFT

Name & Sign of Operator NIGHT SHIFT

Name & Sign of Incharge

REMARKS

Annexure – 7

Ambuja Cement Ltd (Unit - Ambuja) [17221]

Manifest No: 2136039
29/06/2023

Copy 2

To be forwarded by To be Carried by the occupier after taking signature on it form the transporter.

Sender's Details			
Sender Name	**MPSEZ Utilities Ltd. (MUL) [10605]**		
Address	SURVEY NO. 141 (PART),VILL MUNDRA,SURVEY NO. 141 (PART),VILL MUNDRA Taluka :MUN Distict:KUT Pin no:370421		
Contact Details	9687678443 chiragsing.rajput@adani.com	**GPS Coordinates**	**Lat :**22.810370484726782 **Long :**69.70573116592713

Receiver's Details			
State	Gujarat	**Type of Facility**	Co- processing
Facility Details	Ambuja Cement Ltd (Unit - Ambuja) [17221]		
Contact Details	8755110707 devendrasingh.chauhan@adani.com	**GPS Coordinates**	**Lat :**20.835086132403017 **Long:**70.68872052986723
Address	PO : Ambujanagar , 362715,Taluka - Kodinar , District - Junagadh Taluka :KOD Distict:GSM Pin no:362715		

Waste Details					
Waste Details	I~35~35.3~Chemical sludge from waste water treatment				
Waste Intended for	Co-Processsing	**Total Qty**	12.710MT	**Consistency**	Solid

Transporter Details			
Name	Sathi Enterprise	**Contact Details**	9998912166 sathienterprise77@gmail.com
Address	Plot no. 126,Vrundavan Park District :Kutch East Taluka :Mundra		

Vehicle Details					
Vehicle no	GJ12BX8263 (IMEI No :358980100462036)	**GPS Enabled**	Yes	**Type of Vehicle**	Truck
Driver name	Dhanrajbhai	**Driver Contact No**	9925440024		

Waste Transportation Details					
Vehicle Depart.	29/06/2023 7:00PM	**Number of Drums**	0	**Loose Waste**	12.710
Remarks	Chemical Sludge(CETP) of 12.710MT sending for coprocessing at Ambuja cement plant Kodinar	**No of bags**	0		

Sender's Declaration :

1. I hereby declare that contents of the consignment are fully and accurate described above by proper shipping name and are categorized , packed, marked , and labeled , and are all in all respects in proper condition for transport by road according to applicable national government regulations.
2. I hereby declare that we have obtained membership of common facility / carried out agreement with actual user for disposal/ actual use of hazardous waste.

Name and stamp of sender: **Date:** **Signature:**

Transporter's Acknowledgement of Receipt of waste

Stamp: **Date:** **Signature:**

Receiver's Certification of Receipt of Hazardous waste

Stamp: **Date:** **Signature:**

By scanning QR code, copy of transporter will be display. (All copy has same information)

Annexure – 8

adani

Ports and Logistics

O/C

PCB ID: 10605

Env Cell/MUL/CETP/EAR/2023-24/037

Date: 26.06.2023

To,
The Member Secretary,
Gujarat Pollution Control Board,
Paryavaran Bhavan,
Sector - 10A,
Gandhinagar – 382010.

Subject: Submission of Environmental Audit Report of our CETP (MUL) for the period of 01.10.2022 to 31.03.2023.

Reference: Consent Order No. AWH-113221 issued dated 10.06.2021 & valid up-to 07.04.2026, GPCB ID: 10605.

Dear Sir,

With reference to the above stated and reference, please find enclosed environmental audit report for the half year ending on 31st March, 2023. Fees for environment audit have already been done through e-payment on GPCB-XGN site and details of the same are as below.

Name of Industry	:	MPSEZ Utilities Ltd. (MUL)
Address of the Industry	:	S. No. / Plot No. 141 (Part) Village & Taluka: Mundra, Dist: Kutch – 370421.
Activity	:	Common Effluent Treatment Plant (2.5 MLD Capacity)
EC No.	:	SEIAA/GUJ/EC/7(h)/43/2010 dated 20.02.2010
CC&A Order No.	:	AWH-113221 dated 10.06.2021, valid up to 07.04.2026
Audit Period	:	Oct-2022 to Mar-2023
Transaction No.	:	XAXC1227449844, dated 26.06.2023
Bank Name	:	Axis Bank Ltd.
Total Amount	:	Rs. 20,000/- (INR Twenty Thousand only)
Pay to	:	Gujarat Pollution Control Board, Gandhinagar

Kindly accept and acknowledge the same.

Thanking you.

For, MPSEZ Utilities Limited

Authorized Signatory

U.N.P 7/7/2023
Gujarat Pollution Control Board
Head Office
Sector No.-10-A,
Gandhinagar-382010

Encl:

- Three copies of Environmental Audit Report (EAR)
- Payment Receipt (INR 20,000/-)

MPSEZ Utilities Limited
(Formerly MPSEZ Utilities Private Limited)
Adani House,
Nr. Mithakhali Circle, Navrangpura,
Ahmedabad 380 009
Gujarat, India

Tel +91 79 2555 5801
Fax +91 79 2555 6490
info@adani.com
www.adani.com
CIN: U45209GJ2007PTC051323

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

Annexure – 9

1. Name & address of Industry : Dorf Ketal Chemicals (India) Pvt. Ltd. (New Name),
S no-141/P,MPSEZS no-141/P,MPSEZ,
Mundra - 370421
DIST : Kutch East, TAL : Mundra, SIDC : MPSEZ

PCB ID : 29005

2. Phone No. : 9928088180

3. Date of commencement of Manufacturing process : 01/04/2011

4. CTEs No. & Date : CER-122930,10/07/2027

5. CCA No . & Date of Expiry : W-125949, 14/04/2026

6. Water Cess (with Interest) paid up to which Period : 2017-2018

7. Laboratory charges pending if any : 0

8. Water consumed during the month (by all sources)in KL : Meter Reading=955095,Kilo Litre=9985

Water Cess Cooling Boiler/Dom/BIO Degrable/Non BIO Degrable : 8246 / 382 / 1357 / 0

9. Electricity consumed in PRODUCTION : 1035852 **ETP/CETP :** 50740 **APCM :** 15768

9A. Stack attached to : Boiler,D.G. Sets,.... Any Other,Fuel Heater(Thermic)

10. Fuel consumed during the month : Coal,ldo

11. Products : cold filter plug point (cfpp) products (anti freezing oil additives),process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),tetra iso-propyl titanate(tpt),tpt based titanates

12. Work of Control Measures In Progress : Nothing in Progress

13. Upgradation / Addition of PCM is Required : Nothing Suggested

14. HAZ Waste Disposal(in Metric Tonne): Land Filling Waste to TSDF=17.115,Co-Incineration Waste to other Industry=69.735,Trucks despatched=30

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	396.900-M.T	
FUE	LDO	ldo	72.253-KLT	
GAS		HCL	0.050-KGS	
GAS		NH3	20.500-KGS	
GAS		NOX	900.660-KGS	
GAS		PM	1158.700-KGS	
GAS		SO2	1082.590-KGS	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	352.000-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	2557.000-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	345.000-M.T	
PRD	81422	tpt based titanates	427.000-M.T	

Online Manifest Prepared

MF ID-Date	Truck No-Date	TSDF Name	H.W Remark / Qty
2080452-28/04/2023	GJ16AW2051-28/04/2023		MIXED SOLVENT-20.1 18.200 MTS (20.1)
2080317-28/04/2023	GJ09AV9108-28/04/2023		Spent Catalyst-35.2 16.500 MTS (35.2)
2079773-28/04/2023	HR56A7220-28/04/2023		Salt of Ammonium Chloride 30.000 MTS (C2)
2080140-28/04/2023	GJ12BT2909-28/04/2023		Empty Drums & Barrels-33.11 2.970 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2080400-28/04/2023	GJ09AV9108-28/04/2023		Spent Catalyst-35.2 16.500 MTS (35.2)
2080419-29/04/2023	HR56B7611-28/04/2023		Salt of Ammonium Chloride 31.840 MTS (C2)
2078628-27/04/2023	GJ12BT9672-27/04/2023		EMPTY DRUM-33.3 1.405 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2079070-27/04/2023	GJ15AT8695-27/04/2023		Process Residue-28.1 7.780 MTS (28.1)
2078622-27/04/2023	GJ12BT2909-27/04/2023		EMPTY DRUM-33.3 1.425 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2077960-26/04/2023	GJ12BT9672-26/04/2023		Empty drums and Barrels-33.11 1.405 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2078082-26/04/2023	GJ06AX7137-26/04/2023		Salt of Ammonium chloride 18.335 MTS (C2)

2076245- 25/04/2023	GJ12AW8795- 25/04/2023		Salt of Ammonium Chloride 19.955 MTS (C2)
2076838- 25/04/2023	HR645215- 25/04/2023		amminia chloride 22.145 MTS (C2)
2076462- 25/04/2023	GJ03AT2447- 25/04/2023		EMPTY DRUM-33.3 1.285 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2076456- 25/04/2023	GJ12BT2909- 25/04/2023		EMPTY DRUM-33.3 2.965 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2075577- 24/04/2023	GJ21W3696- 24/04/2023		Distillation Residue-36.4 15.210 MTS (36.1)
2072815- 21/04/2023	GJ12BT2909- 21/04/2023		Empty barrel-33.3 2.985 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2072817- 21/04/2023	GJ03AT2447- 21/04/2023		EMPTY BARREL-33.3 1.345 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2072825- 21/04/2023	HR56B3810- 21/04/2023		Salt of Ammonium Chloride 30.530 MTS (C2)
2071689- 20/04/2023	GJ12BT2909- 20/04/2023		EMPTY DRUM-33.3 2.900 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2070277- 19/04/2023	GJ12BT9672- 19/04/2023		empty drums 1.515 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2070282- 19/04/2023	GJ12BT2909- 19/04/2023		empty drums 1.520 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2069818- 18/04/2023	GJ19X7523- 18/04/2023		Spent catalyst-35.2 15.830 MTS (35.2)
2069568- 18/04/2023	PB13BN0373- 18/04/2023		salt of ammoniuam chlard 22.670 MTS (C2)
2069545- 18/04/2023	GJ12BT2909- 18/04/2023		EMPTY DRUM-33.3 3.015 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2068334- 17/04/2023	GJ15AT8695- 17/04/2023		Process Residue-28.1 7.980 MTS (28.1)
2065597- 14/04/2023	GJ12BT0215- 14/04/2023		Chemical Sludge From waste water treatment-34.3 17.115 MTS (35.3)
2061965- 11/04/2023	GJ12BT2909- 11/04/2023		contaminated empty barrel-33.11 3.055 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2058867- 08/04/2023	GJ15AT8695- 08/04/2023		Process Waste-28.1 6.600 MTS (28.1)
2058362- 07/04/2023	HR56B6082- 07/04/2023		Salt of Ammonium Chloride 31.560 MTS (C2)
2056989- 06/04/2023	GJ12BT2909- 06/04/2023		empty drums 3.385 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

1. Name & address of Industry : Dorf Ketal Chemicals (India) Pvt. Ltd. (New Name),
S no-141/P,MPSEZS no-141/P,MPSEZ,
Mundra - 370421
DIST : Kutch East, TAL : Mundra, SIDC : MPSEZ

PCB ID : 29005

2. Phone No. : 9928088180

3. Date of commencement of Manufacturing process : 01/04/2011

4. CTEs No. & Date : CER-122930,10/07/2027

5. CCA No . & Date of Expiry : W-125949, 14/04/2026

6. Water Cess (with Interest) paid up to which Period : 2017-2018

7. Laboratory charges pending if any : 0

8. Water consumed during the month (by all sources)in KL : Meter Reading=967347,Kilo Litre=12252

Water Cess Cooling Boiler/Dom/BIO Degrable/Non BIO Degrable : 10216 / 418 / 1618 / 0

9. Electricity consumed in PRODUCTION : 1332214 **ETP/CETP :** 48380 **APCM :** 16286

9A. Stack attached to : Boiler,D.G. Sets,.... Any Other,Fuel Heater(Thermic)

10. Fuel consumed during the month : Coal,ldo

11. Products : cold filter plug point (cfpp) products (anti freezing oil additives),process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),tetra iso-propyl titanate(tpt),tpt based titanates

12. Work of Control Measures In Progress : Nothing in Progress

13. Upgradation / Addition of PCM is Required : Nothing Suggested

14. HAZ Waste Disposal(in Metric Tonne): Co-Incineration Waste to other Industry=121.045,Trucks despatched=71

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	480.560-M.T	
FUE	LDO	ldo	81.442-KLT	
GAS		HCL	0.040-KGS	
GAS		NH3	21.900-KGS	
GAS		NOX	1223.820-KGS	
GAS		PM	1564.190-KGS	
GAS		SO2	1431.710-KGS	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	207.150-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	1845.189-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	700.700-M.T	
PRD	81422	tpt based titanates	392.900-M.T	

Online Manifest Prepared

MF ID-Date	Truck No-Date	TSDF Name	H.W Remark / Qty
2112457-31/05/2023	GJ03AT2447-31/05/2023		empty drums 2.575 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2111610-30/05/2023	DN09U9179-30/05/2023		Distillation Residue-36.4 16.845 MTS (36.1)
2110627-29/05/2023	GJ03AT2447-29/05/2023		EMPTY DRUM-33.3 2.065 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2110285-29/05/2023	HR56A6168-29/05/2023		solt of ammomnum chloride 23.960 MTS (C2)
2109049-27/05/2023	GJ12BT2909-27/05/2023		Empty barrel-33.11 1.555 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2107965-26/05/2023	GJ01JT7172-26/05/2023		EMPTY DRUM-33.3 3.955 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2108053-26/05/2023	GJ03AT2447-26/05/2023		Empty Barrel s& drums-33.11 2.590 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2106913-25/05/2023	GJ12BT2909-25/05/2023		EMPTY DRUM-33.3 1.495 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2107110-25/05/2023	GJ15AT8695-25/05/2023		Process Residue-28.1 7.740 MTS (28.1)
2107112-25/05/2023	GJ15AV5165-25/05/2023		Salt of Ammonium Chloride 18.630 MTS (C2)
2106094-24/05/2023	GJ12AW0585-24/05/2023		Process Residue-28.1 16.800 MTS (28.1)

2106075- 24/05/2023	HR56A7220- 24/05/2023		Salt of Ammonium Chloride 30.460 MTS (C2)
2105383- 24/05/2023	GJ12AU9695- 24/05/2023		Salt of Ammonium Chloride 20.560 MTS (C2)
2106159- 24/05/2023	GJ01JT7271- 24/05/2023		EMPTY DRUM-33.1 3.845 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2105839- 24/05/2023	GJ03AT2447- 24/05/2023		Empty drums & Barrels-33.11 1.330 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2104644- 23/05/2023	GJ12AW8795- 23/05/2023		Salt of Ammonium Chloride 21.705 MTS (C2)
2104956- 23/05/2023	GJ03AT2447- 23/05/2023		Empty Barrel-33.3 2.450 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2103961- 22/05/2023	HR645215- 22/05/2023		Salt of Ammonium Chloride 22.200 MTS (C2)
2103785- 22/05/2023	GJ03AT2447- 22/05/2023		Empty Barrel-33.3 2.620 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2102183- 20/05/2023	GJ12BT2909- 20/05/2023		Empty Barrel-33.3 1.500 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2101929- 20/05/2023	GJ15AT8695- 20/05/2023		Process Waste-28.1 6.760 MTS (28.1)
2100994- 19/05/2023	GJ12BT2909- 19/05/2023		EMPTY DRUM-33.3 3.000 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2100779- 19/05/2023	PB13BN0373- 19/05/2023		Salt of Ammonium Chloride 24.980 MTS (C2)
2100155- 18/05/2023	GJ03AT2447- 18/05/2023		Empty Barrel-33.3 1.395 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2099060- 17/05/2023	PB13AL5707- 17/05/2023		Salt of Ammonium Chloride 33.185 MTS (C2)
2098598- 17/05/2023	GJ12BT2909- 17/05/2023		Empty Barrel-33.3 1.550 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2098124- 16/05/2023	RJ02GA6130- 16/05/2023		Spent Ctalyst-35.2 16.415 MTS (35.2)
2098086- 16/05/2023	GJ12AU6012- 16/05/2023		mixed solvent 20.1 8.976 MTS (20.1)
2098099- 16/05/2023	GJ12AU9695- 16/05/2023		ammonium chloride 20.585 MTS (C2)
2097493- 16/05/2023	GJ12AT8555- 16/05/2023		Mixed Solvent-20.1 15.141 MTS (20.1)
2097557- 16/05/2023	HR56A6168- 16/05/2023		Salt of Ammonium chloride 22.870 MTS (C2)

2097725-16/05/2023	GJ12BT2909-16/05/2023		EMPTY barrel-33.3 2.975 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2096915-15/05/2023	GJ12AT7126-15/05/2023		Mixed Solvent-20.1 14.328 MTS (20.1)
2096062-15/05/2023	GJ12BT2909-15/05/2023		empty drums 33.33 1.610 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2096696-15/05/2023	GJ12AT7188-15/05/2023		mix solvant 20.1 14.948 MTS (20.1)
2097017-15/05/2023	GJ12AT7552-15/05/2023		MIXED SOLVENT-20.1 8.300 MTS (20.1)
2095720-14/05/2023	GJ12AT7458-14/05/2023		Mixed Solvent-20.1 14.408 MTS (20.1)
2095540-13/05/2023	GJ12AW7831-13/05/2023		Mix Solvent-20.1 14.343 MTS (20.1)
2095060-13/05/2023	GJ01JT7271-13/05/2023		Empty Barrel-33.3 3.930 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2094433-12/05/2023	GJ12AW9293-12/05/2023		Mixed solvent 20.1 14.818 MTS (20.1)
2094279-12/05/2023	GJ09AV2244-12/05/2023		Spent Ctalyst-35.2 15.045 MTS (35.2)
2094451-12/05/2023	GJ12AW9293-12/05/2023		mixed solvent20.1 14.818 MTS (20.1)
2094208-12/05/2023	GJ03AT2447-12/05/2023		Empty drums & Barrels-33.11 1.300 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2094211-12/05/2023	GJ12BT9672-12/05/2023		Empty drums & Barrels-33.11 1.985 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2094030-12/05/2023	GJ12AY6868-12/05/2023		Mixed Solvent-20.1 15.018 MTS (20.1)
2094201-12/05/2023	GJ12BT2909-12/05/2023		Empty Drums & Barrels-33.11 3.000 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2093428-11/05/2023	GJ12Z4977-11/05/2023		Mixed solvent-20.1 11.263 MTS (20.1)
2093153-11/05/2023	HR56A7220-11/05/2023		Salt of Ammonium Chloride 30.750 MTS (C2)
2092868-11/05/2023	GJ01JT7271-11/05/2023		Empty drums & Barrels-33.11 3.995 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2091429-10/05/2023	GJ12AT7458-10/05/2023		Mixed solvent-20.1 14.383 MTS (20.1)
2092393-11/05/2023	GJ12AT7552-10/05/2023		Mixed solvent-20.1 14.556 MTS (20.1)

2092391- 10/05/2023	GJ12AU6012- 10/05/2023		Mixed solvent-20.1 14.993 MTS (20.1)
2091966- 10/05/2023	GJ02XX6441- 10/05/2023		Salt of Ammonium chloride 16.815 MTS (C2)
2091622- 10/05/2023	GJ12AT8555- 10/05/2023		Mixed Solvent-20.1 14.818 MTS (20.1)
2091161- 09/05/2023	GJ12BY8704- 09/05/2023		Salt of Ammonium Chloride 30.450 MTS (C2)
2090245- 09/05/2023	GJ12AT5498- 08/05/2023		MIXED SOLVENT-20.1 15.660 MTS (20.1)
2090199- 08/05/2023	GJ15AT8695- 08/05/2023		Process Residue-28.1 8.060 MTS (28.1)
2090201- 08/05/2023	GJ23Y5573- 08/05/2023		Distillation Residue-36.4 16.180 MTS (36.1)
2090105- 08/05/2023	GJ03AT2447- 08/05/2023		Empty Drums & Barrels-33.11 1.350 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2090108- 08/05/2023	GJ12BT2909- 08/05/2023		Empty Barrels & Drums-33.11 2.950 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2090140- 08/05/2023	PB13BN0373- 08/05/2023		Salt of Ammonium chloride 22.435 MTS (C2)
2087409- 05/05/2023	HR645215- 05/05/2023		Salt of Ammonium Chloride 22.685 MTS (C2)
2087077- 05/05/2023	GJ03AT2447- 05/05/2023		Empty Drum and Barrels-33.11 1.345 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2086413- 04/05/2023	GJ12AU9827- 04/05/2023		Salt of ammonium Chloride 21.180 MTS (C2)
2086420- 04/05/2023	GJ03AT2447- 04/05/2023		EMPTY DRUM-33.3 1.495 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2086192- 04/05/2023	PB13AL5707- 04/05/2023		Salt of Ammonium chloride 33.030 MTS (C2)
2085169- 03/05/2023	DN09U9179- 03/05/2023		Distillation residue-36.1 17.810 MTS (36.1)
2084902- 03/05/2023	GJ01JT7172- 03/05/2023		Empty Drums & Barrels-33.11 3.875 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2084398- 02/05/2023	GJ12BY2103- 02/05/2023		SODIUM BY SULPHIDE 29.040 MTS (B23)
2084121- 02/05/2023	GJ12AW8795- 02/05/2023		Salt of ammonium chloride 19.990 MTS (C2)
2084165- 02/05/2023	GJ03AT2447- 02/05/2023		Empty Barrel-33.3 2.615 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

1. Name & address of Industry : Dorf Ketal Chemicals (India) Pvt. Ltd. (New Name), S no-141/P,MPSEZS no-141/P,MPSEZ, Mundra - 370421
DIST : Kutch East, TAL : Mundra, SIDC : MPSEZ

PCB ID : 29005

2. Phone No. : 9928088180

3. Date of commencement of Manufacturing process : 01/04/2011

4. CTEs No. & Date : CER-122930,10/07/2027

5. CCA No . & Date of Expiry : W-125949, 14/04/2026

6. Water Cess (with Interest) paid up to which Period : 2017-2018

7. Laboratory charges pending if any : 0

8. Water consumed during the month (by all sources)in KL : Meter Reading=977629,Kilo Litre=10282

Water Cess Cooling Boiler/Dom/BIO Degrable/Non BIO Degrable : 8470 / 354 / 1458 / 0

9. Electricity consumed in PRODUCTION : 1149922 **ETP/CETP :** 38970 **APCM :** 15768

9A. Stack attached to : Boiler,D.G. Sets,.... Any Other,Fuel Heater(Thermic)

10. Fuel consumed during the month : Coal,ldo

11. Products : cold filter plug point (cfpp) products (anti freezing oil additives),DA 2287,DA-2258,DA-2258 (IRPC),DA-2301,DA-2315,DA-2318,DA-2369,DA-2654,Dorf 5123 EU,DORF-1938,DORF-5123(G),IPB-19,og-5204,OG-5323,og-5383,OG-5607,process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),sr 2008 takreer,SR-1114,sr-1123,SR-1149,SR-1200 (RPL),SR-1258,SR-1274,SR-1275,SR-1347 (RIL),SR-1347 (Regular Formulation),SR-1529,SR-1558,sr-1609,SR-1705,SR-1955,sr-2008 (kcc),sr-2008 (shell),sr-2008(mrpl),SR-8120 EU,SR-8208,SR-8213-EU,tetra iso-propyl titanate(tpt),tpt based titanates,Tyzor - CLA,tyzor - pita-sm,Tyzor - TPT-20 B,UNICOR-J(HPCL-Mumbai),UOP-344/50

12. Work of Control Measures In Progress : Nothing in Progress

13. Upgradation / Addition of PCM is Required : Nothing Suggested

14. HAZ Waste Disposal(in Metric Tonne): Co-Incineration Waste to other Industry=104.000,Trucks despatched=44

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	418.100-M.T	
FUE	LDO	ldo	79.379-KLT	
GAS		HCL	0.060-KGS	
GAS		NH3	21.500-KGS	
GAS		NOX	972.390-KGS	

GAS		PM	1276.150-KGS	
GAS		SO2	1152.340-KGS	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	207.150-M.T	
PRD	571796	da 2287	3.000-M.T	
PRD	571738	da-2258	16.000-M.T	
PRD	571722	da-2258 (irpc)	3.000-M.T	
PRD	571722	da-2258 (irpc)	3.000-M.T	
PRD	571676	da-2301	18.000-M.T	
PRD	571727	da-2315	4.500-M.T	
PRD	571674	da-2318	10.800-M.T	
PRD	571724	da-2369	4.400-M.T	
PRD	571679	da-2654	6.800-M.T	
PRD	571782	dorf 5123 eu	36.000-M.T	
PRD	571726	dorf-1938	9.000-M.T	
PRD	571629	dorf-5123(g)	36.000-M.T	
PRD	571626	ipb-19	38.000-M.T	
PRD	571593	og-5204	196.500-M.T	
PRD	571620	og-5323	46.300-M.T	
PRD	571608	og-5383	47.370-M.T	
PRD	571623	og-5607	49.900-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	1542.330-M.T	
PRD	571589	sr 2008 takreer	382.000-M.T	
PRD	571774	sr-1114	3.000-M.T	
PRD	571618	sr-1123	20.000-M.T	
PRD	571653	sr-1149	53.200-M.T	
PRD	571688	sr-1200 (rpl)	14.400-M.T	
PRD	571732	sr-1258	14.400-M.T	
PRD	571707	sr-1274	1.400-M.T	
PRD	571767	sr-1275	6.400-M.T	
PRD	571634	sr-1347 (ril)	54.000-M.T	
PRD	571636	sr-1347 (regular formulation)	7.100-M.T	
PRD	571744	sr-1529	18.000-M.T	
PRD	571681	sr-1558	72.000-M.T	
PRD	571595	sr-1609	133.000-M.T	
PRD	571728	sr-1705	4.500-M.T	
PRD	571627	sr-1955	12.200-M.T	
PRD	571597	sr-2008 (kcc)	193.000-M.T	
PRD	571598	sr-2008 (shell)	28.000-M.T	
PRD	571590	sr-2008(mrpl)	100.000-M.T	

PRD	571800	sr-8120 eu	4.000-M.T	
PRD	571785	sr-8208	108.600-M.T	
PRD	571682	sr-8213-eu	22.000-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	225.191-M.T	
PRD	81422	tpt based titanates	575.460-M.T	
PRD	571696	tyzor - cla	2.000-M.T	
PRD	571606	tyzor - pita-sm	67.100-M.T	
PRD	571640	tyzor - tpt-20 b	12.000-M.T	
PRD	571651	unicor-j(hpcl-mumbai)	17.000-M.T	
PRD	571666	uop-344/50	21.100-M.T	

Online Manifest Prepared

MF ID-Date	Truck No-Date	TSDF Name	H.W Remark / Qty
2136660-30/06/2023	RJ27GC9431-30/06/2023		Distillation Residue-36.4 16.870 MTS (36.1)
2135288-28/06/2023	DD01F9231-28/06/2023		EMPTY DRUM-33.3 2.390 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2134376-27/06/2023	GJ15AT8695-27/06/2023		Process Residue-28.1 6.270 MTS (28.1)
2134544-27/06/2023	GJ01JT7172-27/06/2023		Empty barrel-33.11 3.925 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2134554-27/06/2023	GJ01KT7172-27/06/2023		Empty barrel-33.11 2.015 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2134253-27/06/2023	GJ01JT7271-27/06/2023		EMPTY DRUM-33.3 3.925 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2134479-27/06/2023	HR645215-27/06/2023		Salt of Ammonium Chloride 24.545 MTS (C2)
2133629-26/06/2023	HR65A8880-26/06/2023		Salt of Ammonium Chloride 32.440 MTS (C2)
2132462-24/06/2023	HR56A7365-24/06/2023		Salt of ammonium chloride 29.935 MTS (C2)
2131643-23/06/2023	RJ02GA6130-23/06/2023		Spent Catalyst-35.2 14.360 MTS (35.2)
2130706-22/06/2023	PB13BN0373-22/06/2023		Salt of Ammonium Chloride 22.390 MTS (C2)
2130718-22/06/2023	GJ01JT7172-22/06/2023		Empty Barrel-33.3 3.930 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2129937-21/06/2023	HR56B6082-21/06/2023		Salt of Ammonium Chloride 30.895 MTS (C2)

2128958- 20/06/2023	GJ03AT2447- 20/06/2023		EMPTY DRUM-33.3 2.675 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2128960- 20/06/2023	GJ12BT2909- 20/06/2023		EMPTY DRUM-33.3 3.000 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2129098- 20/06/2023	GJ23Y5573- 20/06/2023		Spent Catalyst-35.2 17.515 MTS (35.2)
2128203- 19/06/2023	HR56B2243- 19/06/2023		Salt of Ammonium Chloride 32.820 MTS (C2)
2123909- 13/06/2023	GJ12BT9672- 13/06/2023		contaminated empty barrel-33.11 1.510 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2123790- 13/06/2023	GJ12BT2909- 13/06/2023		Empty Barrel-33.3 3.015 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2123736- 13/06/2023	GJ09AV2244- 13/06/2023		Distillation Residue-36.4 18.000 MTS (36.1)
2123104- 12/06/2023	HR645215- 12/06/2023		salt of ammonium chloride 21.635 MTS (C2)
2122965- 12/06/2023	GJ12BT2909- 12/06/2023		Empty barrel-33.3 3.060 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2120825- 10/06/2023	GJ12BW2540- 10/06/2023		Mixed solvent-20.1 19.925 MTS (20.1)
2121614- 10/06/2023	GJ01DY8711- 10/06/2023		EMPTY DRUMS 3.765 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2121603- 10/06/2023	GJ03AT2447- 10/06/2023		EMPTY DRUMS 1.385 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2121555- 10/06/2023	GJ12BT9672- 10/06/2023		EMPTY DRUM-33.3 1.505 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2120802- 09/06/2023	HR56B2243- 09/06/2023		Salt of Ammonium Chloride 30.835 MTS (C2)
2120797- 09/06/2023	GJ15AT8695- 09/06/2023		Process Residue-28.1 6.790 MTS (28.1)
2120694- 09/06/2023	GJ12BT9672- 09/06/2023		EMPTY DRUM-33.3 2.465 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2119947- 08/06/2023	HR56B6082- 08/06/2023		Salt of Ammonium Chloride 31.885 MTS (C2)
2119003- 07/06/2023	HR56A6168- 07/06/2023		salt of ammoniam chloride 22.150 MTS (C2)
2118769- 07/06/2023	HR56A7220- 07/06/2023		Salt of ammonium chloride 30.130 MTS (C2)
2117925- 06/06/2023	GJ23Y5573- 06/06/2023		Distillation Residue-36.4 17.785 MTS (36.1)

2117734- 06/06/2023	GJ12BT2909- 06/06/2023		EMPTY DRUMS-33.3 2.970 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2116932- 05/06/2023	GJ12BT2909- 05/06/2023		EMPTY DRUM-33.3 3.170 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2116935- 05/06/2023	GJ03AT2447- 05/06/2023		EMPTY DRUM-33.3 1.265 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2115456- 03/06/2023	HR56A7365- 03/06/2023		Salt of Ammonium Chloride 29.800 MTS (C2)
2114546- 02/06/2023	GJ03AT2447- 02/06/2023		EMPTY DRUM-33.3 2.555 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2114537- 02/06/2023	PB13BN0373- 02/06/2023		Salt of Ammonium Chloride 22.360 MTS (C2)
2114605- 02/06/2023	GJ15AT8695- 02/06/2023		PROCESS WASTE-28.1 6.790 MTS (28.1)
2113589- 01/06/2023	HR56B0451- 01/06/2023		Salt of Ammonium Chloride 32.035 MTS (C2)
2113592- 01/06/2023	GJ12BT2909- 01/06/2023		EMPTY DRUM-33.3 3.200 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2113610- 01/06/2023	GJ03AT2447- 01/06/2023		EMPTY DRUM-33.3 2.575 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2113669- 01/06/2023	HR645215- 01/06/2023		Salt of Ammonium Chloride 22.265 MTS (C2)
2113583- 01/06/2023	GJ12CT6221- 01/06/2023		Empty Barrel-33.3 1.815 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

1. Name & address of Industry : Dorf Ketal Chemicals (India) Pvt. Ltd. (New Name),
S no-141/P,MPSEZS no-141/P,MPSEZ,
Mundra - 370421
DIST : Kutch East, TAL : Mundra, SIDC : MPSEZ

PCB ID : 29005

2. Phone No. : 9928088180

3. Date of commencement of Manufacturing process : 01/04/2011

4. CTEs No. & Date : CER-122930,10/07/2027

5. CCA No . & Date of Expiry : W-125949, 14/04/2026

6. Water Cess (with Interest) paid up to which Period : 2017-2018

7. Laboratory charges pending if any : 0

8. Water consumed during the month (by all sources)in KL : Meter Reading=988906,Kilo Litre=11277

Water Cess Cooling Boiler/Dom/BIO Degrable/Non BIO Degrable : 9161 / 367 / 1749 / 0

9. Electricity consumed in PRODUCTION : 1370934 **ETP/CETP :** 47760 **APCM :** 16286

9A. Stack attached to : Boiler,D.G. Sets,.... Any Other,Fuel Heater(Thermic)

10. Fuel consumed during the month : Coal,ldo

11. Products : cold filter plug point (cfpp) products (anti freezing oil additives),DA 2287,DA-2258,DA-2301,DA-2318,DA-2369,DA-2734,DORF-5123(G),IPB-19,OG-5158,og-5204,OG-5267,OG-5323,og-5383,OG-5607,process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),sr 2008 takreer,sr-1123,SR-1149,SR-1200 (RPL),SR-1208,SR-1258,SR-1275,SR-1347 (RIL),SR-1347 (Regular Formulation),SR-1529,SR-1558,SR-1955,sr-2008 (kcc),sr-2008 (shell),sr-2008(mrpl),SR-6014,SR-8120 EU,SR-8208,tetra iso-propyl titanate(tpt),tpt based titanates,tyzor - 722,tyzor - pita-sm,UOP-344/50

12. Work of Control Measures In Progress : Nothing in Progress

13. Upgradation / Addition of PCM is Required : Nothing Suggested

14. HAZ Waste Disposal(in Metric Tonne): Co-Incineration Waste to other Industry=117.625,Trucks despatched=59

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	515.900-M.T	
FUE	LDO	ldo	82.801-KLT	
GAS		HCL	0.070-KGS	
GAS		NH3	22.230-KGS	
GAS		NOX	982.000-KGS	
GAS		PM	1395.780-KGS	

GAS		SO2	1233.800-KGS	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	210.000-M.T	
PRD	571796	da 2287	3.000-M.T	
PRD	571738	da-2258	13.311-M.T	
PRD	571676	da-2301	28.300-M.T	
PRD	571674	da-2318	10.800-M.T	
PRD	571724	da-2369	4.400-M.T	
PRD	571673	da-2734	5.940-M.T	
PRD	571629	dorf-5123(g)	55.612-M.T	
PRD	571626	ipb-19	16.200-M.T	
PRD	571678	og-5158	6.958-M.T	
PRD	571593	og-5204	347.140-M.T	
PRD	571645	og-5267	8.640-M.T	
PRD	571620	og-5323	23.070-M.T	
PRD	571608	og-5383	23.900-M.T	
PRD	571623	og-5607	24.330-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	1961.686-M.T	
PRD	571589	sr 2008 takreer	390.000-M.T	
PRD	571618	sr-1123	123.584-M.T	
PRD	571653	sr-1149	88.386-M.T	
PRD	571688	sr-1200 (rpl)	14.400-M.T	
PRD	571781	sr-1208	11.040-M.T	
PRD	571732	sr-1258	28.300-M.T	
PRD	571767	sr-1275	6.400-M.T	
PRD	571634	sr-1347 (ril)	54.000-M.T	
PRD	571636	sr-1347 (regular formulation)	7.110-M.T	
PRD	571744	sr-1529	18.000-M.T	
PRD	571681	sr-1558	28.800-M.T	
PRD	571627	sr-1955	12.240-M.T	
PRD	571597	sr-2008 (kcc)	202.000-M.T	
PRD	571598	sr-2008 (shell)	28.000-M.T	
PRD	571590	sr-2008(mrpl)	60.000-M.T	
PRD	571720	sr-6014	5.250-M.T	
PRD	571800	sr-8120 eu	4.000-M.T	
PRD	571785	sr-8208	106.557-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	543.706-M.T	
PRD	81422	tpt based titanates	469.369-M.T	
PRD	571622	tyzor - 722	4.053-M.T	
PRD	571606	tyzor - pita-sm	72.226-M.T	

PRD	571666	uop-344/50	21.060-M.T	

Online Manifest Prepared

MF ID-Date	Truck No-Date	TSDF Name	H.W Remark / Qty
2158160-31/07/2023	GJ12AT7552-31/07/2023		Mixed Solvent-20.1 15.151 MTS (20.1)
2158145-31/07/2023	GJ15AT8695-31/07/2023		Process Residue-28.1 6.390 MTS (28.1)
2157890-31/07/2023	GJ15AT5483-31/07/2023		Empty barrel-33.3 3.715 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2158032-31/07/2023	GJ12AT5945-31/07/2023		Mixed Solvent-20.1 15.236 MTS (20.1)
2158054-31/07/2023	GJ12BT2909-31/07/2023		Empty Barrel-33.3 2.985 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2156136-28/07/2023	GJ12BT2909-28/07/2023		EMPTY DRUM-33.3 1.400 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2156224-28/07/2023	GJ01DX8840-28/07/2023		PROCESS RESIDUE-28.1 8.150 MTS (28.1)
2156277-28/07/2023	HR645215-28/07/2023		salt of Ammonium chloride 23.740 MTS (C2)
2156141-28/07/2023	GJ09AV2244-28/07/2023		PROCESS RESIDUE-28.1 15.455 MTS (28.1)
2156182-28/07/2023	GJ03AT2447-28/07/2023		Empty Barrel-33.3 1.305 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2155321-27/07/2023	GJ12BT2909-27/07/2023		EMPTY DRUM-33.3 1.535 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2154511-26/07/2023	HR56A7220-26/07/2023		Salt of Ammonium Chloride 29.809 MTS (C2)
2153741-25/07/2023	GJ01JT7172-25/07/2023		EMPTY DRUM-33.3 3.965 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2153695-25/07/2023	GJ12BT2909-25/07/2023		EMPTY DRUM-33.3 3.015 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2153737-25/07/2023	GJ19X1178-25/07/2023		waste name change i.e. Spent Catalyst-35.2 18.950 MTS (35.2)
2153236-25/07/2023	HR65A8880-25/07/2023		Salt of Ammonium Chloride 31.590 MTS (C2)
2152999-24/07/2023	GJ12BT2909-24/07/2023		EMPTY DRUM-33.3 1.525 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2152995-24/07/2023	GJ15AT8695-24/07/2023		Process Residue-28.1 6.220 MTS (28.1)

2151412- 21/07/2023	GJ12CT3274- 21/07/2023		Empty drum-33.3 2.905 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2151322- 21/07/2023	GJ03AT2447- 21/07/2023		EMPTY DRUM-33.3 1.350 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2151373- 21/07/2023	PB13BN0373- 21/07/2023		Salt of ammonium chloride 22.470 MTS (C2)
2150531- 20/07/2023	HR56A7365- 20/07/2023		Salt of Ammonium Chloride 29.910 MTS (C2)
2150507- 20/07/2023	GJ03AT2447- 20/07/2023		Empty barrel-33.3 2.505 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2149559- 19/07/2023	PB13AL5707- 19/07/2023		Salt of Ammonium Chloride 31.455 MTS (C2)
2149685- 19/07/2023	GJ12BT2909- 19/07/2023		EMPTY DRUM-33.3 1.630 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2149870- 19/07/2023	HR56B7611- 19/07/2023		salt of ammonium chloride 31.585 MTS (C2)
2149327- 19/07/2023	GJ02Z7116- 19/07/2023		sodium bi sulphide Solution-B-23 23.150 MTS (B23)
2149319- 19/07/2023	GJ16AV7857- 19/07/2023		Mixed Solvent-20.1 19.880 MTS (20.1)
2148898- 18/07/2023	GJ15AT8695- 18/07/2023		Process residue-28.1 6.940 MTS (28.1)
2148903- 18/07/2023	GJ12BT2909- 18/07/2023		Empty drums & barrels-33.11 2.835 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2148918- 18/07/2023	GJ01JT7271- 18/07/2023		Empty Drums& barrels-33.11 3.955 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2148796- 18/07/2023	GJ03AT2447- 18/07/2023		Empty barrel-33.3 2.580 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2148589- 18/07/2023	GJ09AV3708- 18/07/2023		Waste name change i.e. Spent Catalsyt-35.2 13.165 MTS (35.2)
2148300- 17/07/2023	GJ03AT2447- 17/07/2023		Empty drums- 33.11 1.275 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2148221- 17/07/2023	GJ12BT2909- 17/07/2023		Empty Barrel & Drums-33.11 2.940 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2148206- 17/07/2023	HR56A9187- 17/07/2023		salt of ammonium chloride 29.485 MTS (C2)
2146182- 14/07/2023	GJ15AT8695- 14/07/2023		Process Residue-28.1 7.280 MTS (28.1)
2146186- 14/07/2023	GJ12BT2909- 14/07/2023		Empty drums-33.11 1.435 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

2145392- 13/07/2023	HR56A7220- 13/07/2023		Salt of Ammonium Chloride 30.060 MTS (C2)
2145437- 13/07/2023	GJ03AT2447- 13/07/2023		EMPTY DRUM-33.3 1.390 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2144800- 13/07/2023	HR645215- 13/07/2023		salt of ammunonium chloride 22.580 MTS (C2)
2144631- 12/07/2023	HR65A8880- 12/07/2023		Salt of Ammonium Chloride 31.860 MTS (C2)
2143924- 11/07/2023	GJ09AV3708- 11/07/2023		Distillation Residue-36.4 17.245 MTS (36.1)
2143829- 11/07/2023	GJ12Z4646- 11/07/2023		Mixed solvent-20.1 16.500 MTS (20.1)
2143964- 11/07/2023	GJ12AT7006- 11/07/2023		MIX SOLVEANT 14.921 MTS (20.1)
2143605- 11/07/2023	HR56A6168- 11/07/2023		Salt of Ammonium Chloride 24.450 MTS (C2)
2143050- 10/07/2023	GJ15AT8695- 10/07/2023		Process Residue-28.1 7.130 MTS (28.1)
2143272- 11/07/2023	GJ12AT7552- 10/07/2023		MIX SOLVENT 14.170 MTS (20.2)
2142917- 10/07/2023	GJ12BT2909- 10/07/2023		EMPTY DRUM-33.3 2.435 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2141108- 07/07/2023	GJ12BT2909- 07/07/2023		EMPTY DRUM-33.3 1.475 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2141355- 07/07/2023	HR56A7365- 07/07/2023		Salt of Ammonium Chloride 30.025 MTS (C2)
2139949- 05/07/2023	GJ34T5269- 05/07/2023		process residue 28.1 11.210 MTS (28.1)
2139874- 05/07/2023	PB13BN0373- 05/07/2023		Salt of Ammonium chloride 23.665 MTS (C2)
2139681- 05/07/2023	GJ12BT2909- 05/07/2023		EMPTY DRUM-33.3 2.820 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2139797- 05/07/2023	GJ03AT2447- 05/07/2023		Empty Drums & Barrels-33.11 1.420 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2139087- 04/07/2023	PB13AL5707- 04/07/2023		Salt of Ammonium Chloride 30.165 MTS (C2)
2138960- 04/07/2023	GJ01JT7172- 04/07/2023		EMPTY DRUM-33.3 3.950 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2139178- 04/07/2023	GJ12BT2909- 04/07/2023		Empty drums 33.3 1.440 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

2138092- 03/07/2023	GJ03AT2447- 03/07/2023		EMPTY DRUM-33.3 2.550 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

1. Name & address of Industry : Dorf Ketal Chemicals (India) Pvt. Ltd. (New Name), S no-141/P,MPSEZS no-141/P,MPSEZ, Mundra - 370421
DIST : Kutch East, TAL : Mundra, SIDC : MPSEZ

PCB ID : 29005

2. Phone No. : 9928088180

3. Date of commencement of Manufacturing process : 01/04/2011

4. CTEs No. & Date : CER-122930,10/07/2027

5. CCA No . & Date of Expiry : W-125949, 14/04/2026

6. Water Cess (with Interest) paid up to which Period : 2017-2018

7. Laboratory charges pending if any : 0

8. Water consumed during the month (by all sources)in KL : Meter Reading=1000511,Kilo Litre=11605

Water Cess Cooling Boiler/Dom/BIO Degrable/Non BIO Degrable : 9328 / 456 / 1821 / 0

9. Electricity consumed in PRODUCTION : 1241094 **ETP/CETP :** 50160 **APCM :** 16286

9A. Stack attached to : Boiler,D.G. Sets,.... Any Other,Fuel Heater(Thermic)

10. Fuel consumed during the month : Coal,ldo

11. Products : cold filter plug point (cfpp) products (anti freezing oil additives),DA-2258,DA-2301,DA-2315,DA-2734,DORF-1938,IPB-19,OG-5158,og-5204,OG-5267,og-5304,OG-5323,og-5383,OG-5607,og-5618,process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),sr 2008 takreer,sr-1123,SR-1135,SR-1149,SR-1200 (RPL),SR-1208,SR-1209,SR-1234,SR-1249,SR-1275,SR-1288,SR-1347 (RIL),SR-1558,SR-1573,SR-1705,SR-1729(Essar Oil),SR-1955,sr-2008 (kcc),sr-2008(mrpl),SR-6007-AF,SR-6014,SR-8208,tetra iso-propyl titanate (tpt),tpt based titanates,tyzor - 722,tyzor - pita-sm,Tyzor - TPT-20 B

12. Work of Control Measures In Progress : Nothing in Progress

13. Upgradation / Addition of PCM is Required : Nothing Suggested

14. HAZ Waste Disposal(in Metric Tonne): Co-Incineration Waste to other Industry=123.970,Trucks despatched=70

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	492.800-M.T	
FUE	LDO	ldo	94.497-KLT	
GAS		HCL	0.060-KGS	
GAS		NH3	18.570-KGS	
GAS		NOX	1373.730-KGS	
GAS		PM	2046.170-KGS	

GAS		SO2	1821.630-KGS	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	316.100-M.T	
PRD	571738	da-2258	8.984-M.T	
PRD	571676	da-2301	14.400-M.T	
PRD	571727	da-2315	9.000-M.T	
PRD	571673	da-2734	5.400-M.T	
PRD	571726	dorf-1938	8.640-M.T	
PRD	571626	ipb-19	20.015-M.T	
PRD	571678	og-5158	12.768-M.T	
PRD	571593	og-5204	353.160-M.T	
PRD	571645	og-5267	13.114-M.T	
PRD	571591	og-5304	12.000-M.T	
PRD	571620	og-5323	66.625-M.T	
PRD	571608	og-5383	90.920-M.T	
PRD	571623	og-5607	25.040-M.T	
PRD	571625	og-5618	47.240-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	2998.733-M.T	
PRD	571589	sr 2008 takreer	256.550-M.T	
PRD	571618	sr-1123	81.926-M.T	
PRD	571764	sr-1135	6.891-M.T	
PRD	571653	sr-1149	14.739-M.T	
PRD	571688	sr-1200 (rpl)	14.400-M.T	
PRD	571781	sr-1208	9.041-M.T	
PRD	571731	sr-1209	3.193-M.T	
PRD	571704	sr-1234	7.000-M.T	
PRD	571733	sr-1249	19.402-M.T	
PRD	571767	sr-1275	4.000-M.T	
PRD	571700	sr-1288	3.600-M.T	
PRD	571634	sr-1347 (ril)	88.750-M.T	
PRD	571681	sr-1558	4.530-M.T	
PRD	571793	sr-1573	1.980-M.T	
PRD	571728	sr-1705	5.760-M.T	
PRD	571789	sr-1729(essar oil)	3.600-M.T	
PRD	571627	sr-1955	36.000-M.T	
PRD	571597	sr-2008 (kcc)	221.000-M.T	
PRD	571590	sr-2008(mrpl)	437.300-M.T	
PRD	571671	sr-6007-af	12.250-M.T	
PRD	571720	sr-6014	7.000-M.T	
PRD	571785	sr-8208	131.784-M.T	

PRD	81421	tetra iso-propyl titanate(tpt)	388.191-M.T	
PRD	81422	tpt based titanates	477.563-M.T	
PRD	571622	tyzor - 722	12.081-M.T	
PRD	571606	tyzor - pita-sm	38.452-M.T	
PRD	571640	tyzor - tpt-20 b	5.996-M.T	

Online Manifest Prepared

MF ID-Date	Truck No-Date	TSDF Name	H.W Remark / Qty
2190277-31/08/2023	HR56A6168-31/08/2023		Salt of Ammonium Chloride 23.185 MTS (C2)
2190278-01/09/2023	GJ12BT2909-31/08/2023		EMPTY DRUM-33.3 1.655 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2190095-31/08/2023	GJ12BT2909-31/08/2023		EMPTY DRUM-33.3 2.900 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2190276-31/08/2023	GJ03AT2447-31/08/2023		EMPTY DRUM-33.3 1.445 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2189373-29/08/2023	HR63C0101-29/08/2023		Empty drums & barrela-33.11 2.070 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2189170-29/08/2023	GJ12BT2909-29/08/2023		EMPTY DRUM-33.3 1.640 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2189250-29/08/2023	GJ03AT2447-29/08/2023		EMPTY DRUM-33.3 1.350 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2189253-29/08/2023	HR56B7611-29/08/2023		Salt of Ammonium Chloride 33.265 MTS (C2)
2189277-29/08/2023	RJ27GC9431-29/08/2023		Distillation residue-36.4 15.655 MTS (36.1)
2188259-28/08/2023	GJ12BT2909-28/08/2023		EMPTY DRUM-33.3 1.600 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2188206-28/08/2023	HR56A8192-28/08/2023		salt of Ammonium Chloride 23.260 MTS (C2)
2187203-26/08/2023	GJ15XX3238-26/08/2023		Empty Drums & Barrels-33.11 2.150 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2187162-26/08/2023	GJ12BT2909-26/08/2023		Empty drums & barrels-33.11 1.440 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2186546-26/08/2023	HR56A7365-25/08/2023		Salt of Ammonium Chloride 29.465 MTS (C2)
2186444-25/08/2023	GJ19X1178-25/08/2023		Distillation Residue-36.4 17.740 MTS (36.1)

2186240-25/08/2023	GJ12BT2909-25/08/2023		Empty drums& barrels-33.11 2.825 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2185693-24/08/2023	GJ12BT2909-24/08/2023		empty IBC -33.1 1.530 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2185600-24/08/2023	HR56A7220-24/08/2023		Salt of Ammonium Chloride 29.425 MTS (C2)
2185324-24/08/2023	GJ12BT2909-24/08/2023		Empty drums & barrels-33.11 1.610 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2184937-23/08/2023	HR56B0451-23/08/2023		salt of ammunium chloride 33.780 MTS (C2)
2184449-23/08/2023	GJ12BT2909-23/08/2023		EMPTY DRUM-33.3 1.520 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2184878-23/08/2023	GJ12BT2909-23/08/2023		empty drums-33.11 2.880 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2184144-22/08/2023	HR645215-22/08/2023		Salt of Ammonium Chloride 22.795 MTS (C2)
2184050-22/08/2023	GJ12BT2909-22/08/2023		EMPTY DRUM-33.3 1.450 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2183203-21/08/2023	RJ02GA6130-21/08/2023		Distillation Residue-36.4 15.565 MTS (36.1)
2183072-21/08/2023	HR63C0101-21/08/2023		EMPTY DRUM-33.3 2.000 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2183135-21/08/2023	GJ15AT8695-21/08/2023		Process residue-28.1 7.010 MTS (28.1)
2182986-21/08/2023	GJ12BT2909-21/08/2023		Empty drums & barrels-33.11 1.540 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2181938-19/08/2023	GJ12BT2909-19/08/2023		Empty drums & barrels-33.11 1.550 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2181240-18/08/2023	GJ01JT7172-18/08/2023		EMPTY DRUMS-33.3 2.085 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2180999-18/08/2023	GJ12BT2909-18/08/2023		EMPTY DRUM-33.3 2.935 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2181097-18/08/2023	GJ01KT7172-18/08/2023		EMPTY DRUM-33.3 3.890 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2181136-18/08/2023	GJ03AT2447-18/08/2023		EMPTY DRUM-33.3 2.760 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2180915-18/08/2023	HR56B0206-18/08/2023		Salt of Ammonium Chloride 33.585 MTS (C2)
2180297-17/08/2023	GJ03AT2447-17/08/2023		empty drum-33.3 2.515 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

2180003- 17/08/2023	GJ02Z7116- 17/08/2023		Sodium Bi-sulphide Solution B-23 23.305 MTS (B23)
2180342- 17/08/2023	GJ01JT7271- 17/08/2023		EMPTY BARREL-33.3 3.640 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2179561- 16/08/2023	HR56A8192- 16/08/2023		Salt of Ammonium Chloride 24.490 MTS (C2)
2178632- 15/08/2023	HR56B7611- 15/08/2023		Salt of Ammonium Chloride 32.640 MTS (C2)
2178355- 14/08/2023	GJ09AV3708- 14/08/2023		Distillation Residue-36.4 17.125 MTS (36.1)
2167980- 14/08/2023	GJ15AT8695- 14/08/2023		Process Waste-28.1 7.020 MTS (28.1)
2166908- 12/08/2023	HR56B2243- 12/08/2023		Salt of Ammonium chloride 33.400 MTS (C2)
2167070- 12/08/2023	GJ01JT7271- 12/08/2023		Empty drums & Barrels-33.11 1.935 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2166050- 11/08/2023	GJ12BT2909- 11/08/2023		empty drum-33.3 1.580 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2165905- 11/08/2023	GJ12AT7126- 11/08/2023		MIXED SOLVENT-20.1 14.475 MTS (20.1)
2166340- 11/08/2023	GJ12BW2540- 11/08/2023		mixed solvent 20.1 19.810 MTS (20.1)
2165453- 10/08/2023	GJ01KT7172- 10/08/2023		EMPTY DRUM-33.3 4.155 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2165566- 10/08/2023	GJ12BT2909- 10/08/2023		empty drums 33.3 1.515 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2165572- 10/08/2023	GJ12AT7006- 10/08/2023		mixed solvent 20.1 14.605 MTS (20.1)
2165585- 10/08/2023	HR645215- 10/08/2023		salt of ammonium chloride 23.560 MTS (C2)
2165597- 10/08/2023	GJ12AT7006- 10/08/2023		mixed solvent 20.1 14.605 MTS (20.1)
2164249- 09/08/2023	GJ12Z4646- 09/08/2023		MIXED SOLVENT-20.1 14.533 MTS (20.1)
2164776- 09/08/2023	HR65A8880- 09/08/2023		salt of ammonium chioride 31.355 MTS (C2)
2164469- 09/08/2023	GJ12BT2909- 09/08/2023		EMPTY DRUM-33.3 3.070 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2164019- 08/08/2023	HR56A7220- 08/08/2023		salt of ammonium chloride 30.590 MTS (C2)

2163693- 08/08/2023	GJ12BT2909- 08/08/2023		EMPTY DRUM-33.3 3.095 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2163996- 08/08/2023	GJ12AT7552- 08/08/2023		mix solvent-20.1 14.058 MTS (20.1)
2163165- 07/08/2023	GJ09AV2244- 07/08/2023		Distillation Residue-36.4 17.205 MTS (36.1)
2161752- 05/08/2023	GJ12BT2909- 05/08/2023		Empty drums& Barrels-33.11 1.510 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2161164- 04/08/2023	HR63C0101- 04/08/2023		EMPTY DRUM-33.3 1.885 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2161207- 04/08/2023	GJ34T5269- 04/08/2023		PROCESS RESIDUE-28.1 10.590 MTS (28.1)
2160894- 04/08/2023	GJ12AT7006- 04/08/2023		MIXED SOLVENT-20.1 14.846 MTS (20.1)
2161107- 04/08/2023	GJ12AT5945- 04/08/2023		MIXED SOLVENT-20.1 14.966 MTS (20.1)
2161245- 04/08/2023	GJ12BT2909- 04/08/2023		empty drums 1.330 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2159909- 03/08/2023	GJ06AX1893- 03/08/2023		Sodium Bi-sulphide solution 29.105 MTS (B23)
2159544- 02/08/2023	RJ27GC9431- 02/08/2023		Distillation Residue-36.4 16.475 MTS (36.1)
2159233- 02/08/2023	GJ12BT2909- 02/08/2023		EMPTY DRUM-33.3 1.485 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2159630- 02/08/2023	GJ12BT2909- 02/08/2023		EMPTY DRUM-33.3 2.230 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2159486- 02/08/2023	GJ03AT2447- 02/08/2023		EMPTY DRUM-33.3 2.590 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2158896- 01/08/2023	GJ12AU6012- 01/08/2023		MIXED SOLVENT-20.1 14.766 MTS (20.1)
2158749- 01/08/2023	GJ12BT2909- 01/08/2023		EMPTY DRUM-33.3 2.905 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2158842- 02/08/2023	GJ12Z4646- 01/08/2023		MIXED SOLVENT-20.1 15.051 MTS (20.1)

1. Name & address of Industry : Dorf Ketal Chemicals (India) Pvt. Ltd. (New Name), S no-141/P,MPSEZS no-141/P,MPSEZ, Mundra - 370421 DIST : Kutch East, TAL : Mundra, SIDC : MPSEZ

PCB ID : 29005

2. Phone No. : 9928088180

3. Date of commencement of Manufacturing process : 01/04/2011

4. CTEs No. & Date : CER-122930,10/07/2027

5. CCA No . & Date of Expiry : W-125949, 14/04/2026

6. Water Cess (with Interest) paid up to which Period : 2017-2018

7. Laboratory charges pending if any : 0

8. Water consumed during the month (by all sources)in KL : Meter Reading=1012344,Kilo Litre=11833

Water Cess Cooling Boiler/Dom/BIO Degrable/Non BIO Degrable : 9686 / 444 / 1703 / 0

9. Electricity consumed in PRODUCTION : 1334342 **ETP/CETP :** 48910 **APCM :** 15768

9A. Stack attached to : Boiler,D.G. Sets,.... Any Other,Fuel Heater(Thermic)

10. Fuel consumed during the month : Coal,ldo

11. Products : cold filter plug point (cfpp) products (anti freezing oil additives),DA-2258,DA-2301,DA-2315,DA-2734,DORF-1938,DORF-5123(G),IPB-19,OG-5158,og-5204,OG-5267,og-5304,OG-5323,og-5383,OG-5607,process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.),sr 2008 takreer,SR-1142,SR-1142 EU,SR-1149,SR-1200 (RPL),SR-1234,SR-1275,SR-1288,SR-1347 (RIL),SR-1558,SR-1573,SR-1705,SR-1729(Essar Oil),SR-1955,sr-2008 (kcc),sr-2008(mrpl),SR-6014,SR-8208,tetra iso-propyl titanate(tpt),tpt based titanates,tyzor - 722,Tyzor - CLA,tyzor - pita-sm,Tyzor - TPT-15 B,Tyzor - TPT-20 B

12. Work of Control Measures In Progress : Nothing in Progress

13. Upgradation / Addition of PCM is Required : Nothing Suggested

14. HAZ Waste Disposal(in Metric Tonne): Co-Incineration Waste to other Industry=102.550,Trucks despatched=55

Type	Code	Name	Qty-Unit	Remark
FUE	COA	Coal	526.600-M.T	
FUE	LDO	ldo	82.339-KLT	
GAS		HCL	0.050-KGS	
GAS		NH3	19.330-KGS	
GAS		NOX	1059.760-KGS	
GAS		PM	1436.880-KGS	

GAS		SO2	1349.870-KGS	
PRD	81423	cold filter plug point (cfpp) products (anti freezing oil additives)	316.129-M.T	
PRD	571738	da-2258	27.628-M.T	
PRD	571676	da-2301	14.400-M.T	
PRD	571727	da-2315	39.461-M.T	
PRD	571673	da-2734	5.400-M.T	
PRD	571726	dorf-1938	5.040-M.T	
PRD	571629	dorf-5123(g)	26.711-M.T	
PRD	571626	ipb-19	65.960-M.T	
PRD	571678	og-5158	12.768-M.T	
PRD	571593	og-5204	389.731-M.T	
PRD	571645	og-5267	26.607-M.T	
PRD	571591	og-5304	87.238-M.T	
PRD	571620	og-5323	68.067-M.T	
PRD	571608	og-5383	68.880-M.T	
PRD	571623	og-5607	48.895-M.T	
PRD	81424	process chemicals (delumpers, lubricity improvers, corrosion inhibitors etc.)	3239.444-M.T	
PRD	571589	sr 2008 takreer	256.550-M.T	
PRD	571714	sr-1142	7.972-M.T	
PRD	571766	sr-1142 eu	9.440-M.T	
PRD	571653	sr-1149	7.920-M.T	
PRD	571688	sr-1200 (rpl)	14.400-M.T	
PRD	571704	sr-1234	7.000-M.T	
PRD	571767	sr-1275	4.000-M.T	
PRD	571700	sr-1288	3.600-M.T	
PRD	571634	sr-1347 (ril)	88.750-M.T	
PRD	571681	sr-1558	31.320-M.T	
PRD	571793	sr-1573	1.980-M.T	
PRD	571728	sr-1705	5.760-M.T	
PRD	571789	sr-1729(essar oil)	3.600-M.T	
PRD	571627	sr-1955	36.000-M.T	
PRD	571597	sr-2008 (kcc)	221.000-M.T	
PRD	571590	sr-2008(mrpl)	437.300-M.T	
PRD	571720	sr-6014	6.115-M.T	
PRD	571785	sr-8208	110.620-M.T	
PRD	81421	tetra iso-propyl titanate(tpt)	542.586-M.T	
PRD	81422	tpt based titanates	417.885-M.T	
PRD	571622	tyzor - 722	11.984-M.T	
PRD	571696	tyzor - cla	3.262-M.T	

PRD	571606	tyzor - pita-sm	69.404-M.T	
PRD	571694	tyzor - tpt-15 b	4.000-M.T	
PRD	571640	tyzor - tpt-20 b	12.459-M.T	

Online Manifest Prepared

MF ID-Date	Truck No-Date	TSDF Name	H.W Remark / Qty
2211706-30/09/2023	GJ12BT2909-30/09/2023		EMPTY DRUM-33.3 1.675 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2211124-29/09/2023	GJ01JT7172-29/09/2023		EMPTY DRUMS-33.11 2.165 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2210960-29/09/2023	HR56A8192-29/09/2023		Salt of Ammonium Chloride 23.050 MTS (C2)
2210958-29/09/2023	GJ03AT2447-29/09/2023		EMPTY DRUM-33.3 1.350 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2211388-30/09/2023	GJ01JT7172-29/09/2023		Empty barrel-33.3 2.165 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2210742-29/09/2023	GJ12BT2909-29/09/2023		Empty barrel-33.3 3.110 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2209665-27/09/2023	GJ15AT8695-27/09/2023		Process residue-28.1 7.370 MTS (28.1)
2209643-27/09/2023	GJ12BT2909-27/09/2023		empty drums 33.1 1.510 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2209645-27/09/2023	GJ03AT2447-27/09/2023		empty drums 33.1 1.330 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2208627-26/09/2023	GJ09AV2244-26/09/2023		Waste Residue Containing Oil-5.2 16.040 MTS (5.2)
2208778-26/09/2023	HR56B2243-26/09/2023		Salt Of Ammonium Chloride 32.855 MTS (C2)
2208577-26/09/2023	GJ12BT2909-26/09/2023		EMPTY DRUM-33.3 2.950 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2208024-25/09/2023	GJ03AT2447-25/09/2023		EMPTY DRUMS&IBC-33.1 1.355 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2207984-26/09/2023	HR56A7220-25/09/2023		Salt of ammonium chloride 30.285 MTS (C2)
2207662-25/09/2023	GJ12BT2909-25/09/2023		Empty Drums & Barrels-33.11 1.650 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2206583-23/09/2023	GJ12BT2909-23/09/2023		Contaminated Empty Drum-33.11 1.360 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

2206692- 23/09/2023	GJ03AT2447- 23/09/2023		empty drums 33.3 1.315 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2205762- 22/09/2023	HR56B3810- 22/09/2023		Salt of ammonium chloride 33.410 MTS (C2)
2205780- 22/09/2023	GJ12BT2909- 22/09/2023		Empty drums & barrels-33.11 3.045 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2204877- 21/09/2023	GJ12BT2909- 21/09/2023		EMPTY DRUM-33.3 2.985 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2205018- 21/09/2023	HR38T2641- 21/09/2023		Salt of Ammonium chloride 23.930 MTS (C2)
2204210- 20/09/2023	GJ01JT7172- 20/09/2023		EMPTY DRUM-33.3 2.165 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2204152- 20/09/2023	GJ01JT7271- 20/09/2023		Empty Drums-33.1 4.020 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2204168- 20/09/2023	GJ12BT2909- 20/09/2023		EMPTY DRUM-33.3 1.685 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2203897- 20/09/2023	RJ02GA6130- 20/09/2023		Distillation Residue-36.4 16.535 MTS (36.1)
2204164- 20/09/2023	GJ03AT2447- 20/09/2023		empty drum-33.3 1.420 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2202604- 18/09/2023	GJ12BT2909- 18/09/2023		EMPTY DRUM-33.3 3.100 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2202871- 18/09/2023	GJ03AT2447- 18/09/2023		empty drums-33.1 1.430 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2200847- 15/09/2023	GJ03AT2447- 15/09/2023		empty drum-33.3 1.450 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2200962- 15/09/2023	HR56A7365- 15/09/2023		Salt of ammonia 28.460 MTS (C2)
2200959- 15/09/2023	GJ15AT8695- 15/09/2023		PROCESS WASTE-28.1 6.540 MTS (28.1)
2199359- 13/09/2023	GJ12BW2540- 13/09/2023		MIXED SOLVENT-20.1 19.880 MTS (20.1)
2198669- 12/09/2023	HR56A7220- 12/09/2023		salt of ammunium chloride 26.605 MTS (C2)
2198647- 12/09/2023	GJ12BT2909- 12/09/2023		empty drums-33.1 1.455 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2198596- 12/09/2023	GJ01KT7172- 12/09/2023		Empty barrel-33.3 2.100 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2198289- 12/09/2023	RJ27GC9431- 12/09/2023		Distillation Residue-36.4 17.255 MTS (36.1)

2198529- 12/09/2023	GJ01JT7271- 12/09/2023		EMPTY BARREL-33.3 3.950 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2197676- 11/09/2023	GJ15AT8695- 11/09/2023		PROCESS WASTE-28.1 6.770 MTS (28.1)
2197775- 11/09/2023	HR65A8880- 11/09/2023		Salt of Ammonium chloride 32.400 MTS (C2)
2196555- 09/09/2023	HR645215- 09/09/2023		Salt of Ammonium chloride 22.610 MTS (C2)
2195872- 08/09/2023	GJ12BT2909- 08/09/2023		Empty Drums & barrels-33.11 1.590 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2195881- 08/09/2023	GJ03AT2447- 08/09/2023		Empty barrels & drums-33.11 2.515 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2194789- 06/09/2023	PB13AL5707- 06/09/2023		salt of amonium chloride 29.690 MTS (C2)
2194550- 06/09/2023	GJ12BT2909- 06/09/2023		Empty drums & barrels-33.11 1.650 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2194581- 06/09/2023	GJ03AT2447- 06/09/2023		Empty drums & Barrels-33.11 1.330 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2193941- 05/09/2023	HR56B2243- 05/09/2023		salt of amonium chloride 32.105 MTS (C2)
2193629- 05/09/2023	GJ12BT2909- 05/09/2023		Empty Drums & Barrels-33.11 3.050 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2193158- 05/09/2023	GJ09AV3708- 04/09/2023		distillation residue -36.4 16.130 MTS (36.1)
2193039- 04/09/2023	HR64A5653- 04/09/2023		SALT of amonium chloride 21.790 MTS (C2)
2193011- 04/09/2023	GJ03AT2447- 04/09/2023		empty drums-33.1 1.425 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2193013- 04/09/2023	GJ12BT2909- 04/09/2023		empty drums -33.1 3.080 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2191543- 02/09/2023	GJ12BT2909- 02/09/2023		EMPTY DRUM-33.3 1.640 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)
2191512- 02/09/2023	HR56B0206- 02/09/2023		Salt of Ammonium Chloride 32.035 MTS (C2)
2191707- 02/09/2023	DN09U9179- 02/09/2023		Distillation residue-36.4 16.400 MTS (36.1)
2190979- 01/09/2023	DD01F9231- 01/09/2023		EMPTY DRUM-33.3 3.795 MTS (33.11~Empty barrels/containers contaminated with hazardous chemicals /wastes)

Monthly Report from Industry

Form No D2

Gujarat Pollution Control Board

April , 2023

1. Name & address of Industry : Ahlstrom Munksjo Fibre Composites India P. Ltd (New Name),
Mundra SEZ Integrated Textile & Apparel ParkTal: Mundra, Dist: Kutch,
Mundra - 370421
DIST : Kutch East, TAL : Mundra, SIDC : MITAP

PCB ID : 32575

2. Phone No. : 02838619141

3. Date of commencement of Manufacturing process : 15/04/2010

4. CTEs No. & Date : CEE-124823,03/01/2030

5. CCA No . & Date of Expiry : H-126081, 27/01/2029

6. Water Cess (with Interest) paid up to which Period : 2017-2018

7. Laboratory charges pending if any : 0

8. Water consumed during the month (by all sources)in KL : Meter Reading=8018,Kilo Litre=1504

Water Cess Cooling Boiler/Dom/BIO Degrable/Non BIO Degrable : 194 / 463 / 847 / 0

9. Electricity consumed in PRODUCTION : 1513000 **ETP/CETP :** 992 **APCM :** 0

9A. Stack attached to : Boiler,D.G. Sets

10. Fuel consumed during the month : Diesel,ldo

11. Products : Hygiene Textiles,Medical Gowns,medical textiles

12. Work of Control Measures In Progress : Nothing in Progress

13. Upgradation / Addition of PCM is Required : Nothing Suggested

14. HAZ Waste Disposal(in Metric Tonne): NIL

Type	Code	Name	Qty-Unit	Remark
FUE	DIE	Diesel	50.000-LTS	
FUE	LDO	ldo	40.200-KLT	
GAS		Nox	20.400----	
GAS		Sox	15.100----	
PRD	48084	hygiene textiles	168.160-M.T	
PRD	48082	medical gowns	280.260-M.T	
PRD	48083	medical textiles	112.100-M.T	

N I C Date : 21/11/2023 1 / 1 Company Seal Authorised Signatory

Yours Faithfully

Monthly Report from Industry | Form No D2

Gujarat Pollution Control Board | May , 2023

1. Name & address of Industry : Ahlstrom Munksjo Fibre Composites India P. Ltd (New Name),
Mundra SEZ Integrated Textile & Apparel ParkTal: Mundra, Dist: Kutch,
Mundra - 370421
DIST : Kutch East, TAL : Mundra, SIDC : MITAP

PCB ID : 32575

2. Phone No. : 02838619141

3. Date of commencement of Manufacturing process : 15/04/2010

4. CTEs No. & Date : CEE-124823,03/01/2030

5. CCA No . & Date of Expiry : H-126081, 27/01/2029

6. Water Cess (with Interest) paid up to which Period : 2017-2018

7. Laboratory charges pending if any : 0

8. Water consumed during the month (by all sources)in KL : Meter Reading=10746,Kilo Litre=2725

Water Cess Cooling Boiler/Dom/BIO Degrable/Non BIO Degrable : 399 / 700 / 1626 / 0

9. Electricity consumed in PRODUCTION : 2024000 **ETP/CETP :** 1022 **APCM :** 0

9A. Stack attached to : Boiler,D.G. Sets

10. Fuel consumed during the month : Diesel,ldo

11. Products : Hygiene Textiles,Medical Gowns,medical textiles

12. Work of Control Measures In Progress : Nothing in Progress

13. Upgradation / Addition of PCM is Required : Nothing Suggested

14. HAZ Waste Disposal(in Metric Tonne): NIL

Type	Code	Name	Qty-Unit	Remark
FUE	DIE	Diesel	50.000-LTS	
FUE	LDO	ldo	82.940-KLT	
GAS		Nox	18.100----	
GAS		Sox	21.000----	
PRD	48084	hygiene textiles	195.740-M.T	
PRD	48082	medical gowns	326.240-M.T	
PRD	48083	medical textiles	130.500-M.T	

N I C **Date : 21/11/2023** **1 / 1** **Company Seal** **Authorised Signatory**

Yours Faithfully

1. Name & address of Industry : Ahlstrom Munksjo Fibre Composites India P. Ltd (New Name),
Mundra SEZ Integrated Textile & Apparel ParkTal: Mundra, Dist: Kutch,
Mundra - 370421
DIST : Kutch East, TAL : Mundra, SIDC : MITAP

PCB ID : 32575

2. Phone No. : 02838619141

3. Date of commencement of Manufacturing process : 15/04/2010

4. CTEs No. & Date : CEE-124823,03/01/2030

5. CCA No . & Date of Expiry : H-126081, 27/01/2029

6. Water Cess (with Interest) paid up to which Period : 2017-2018

7. Laboratory charges pending if any : 0

8. Water consumed during the month (by all sources)in KL : Meter Reading=12662,Kilo Litre=1919

Water Cess Cooling Boiler/Dom/BIO Degrable/Non BIO Degrable : 324 / 313 / 1282 / 0

9. Electricity consumed in PRODUCTION : 1736000 **ETP/CETP :** 850 **APCM :** 0

9A. Stack attached to : Boiler,D.G. Sets

10. Fuel consumed during the month : Diesel,ldo

11. Products : Hygiene Textiles,Medical Gowns,medical textiles

12. Work of Control Measures In Progress : Nothing in Progress

13. Upgradation / Addition of PCM is Required : Nothing Suggested

14. HAZ Waste Disposal(in Metric Tonne): NIL

Type	Code	Name	Qty-Unit	Remark
FUE	DIE	Diesel	50.000-LTS	
FUE	LDO	ldo	64.400-KLT	
GAS		Nox	24.800----	
GAS		Sox	18.200----	
PRD	48084	hygiene textiles	155.340-M.T	
PRD	48082	medical gowns	258.900-M.T	
PRD	48083	medical textiles	103.560-M.T	

Monthly Report from Industry | Form No D2

Gujarat Pollution Control Board | July , 2023

1. Name & address of Industry : Ahlstrom Munksjo Fibre Composites India P. Ltd (New Name),
Mundra SEZ Integrated Textile & Apparel ParkTal: Mundra, Dist: Kutch,
Mundra - 370421
DIST : Kutch East, TAL : Mundra, SIDC : MITAP

PCB ID : 32575

2. Phone No. : 02838619141

3. Date of commencement of Manufacturing process : 15/04/2010

4. CTEs No. & Date : CEE-124823,03/01/2030

5. CCA No . & Date of Expiry : H-126081, 27/01/2029

6. Water Cess (with Interest) paid up to which Period : 2017-2018

7. Laboratory charges pending if any : 0

8. Water consumed during the month (by all sources)in KL : Meter Reading=13970,Kilo Litre=1308

Water Cess Cooling Boiler/Dom/BIO Degrable/Non BIO Degrable : 343 / 184 / 781 / 0

9. Electricity consumed in PRODUCTION : 1737650 **ETP/CETP :** 1012 **APCM :** 0

9A. Stack attached to : Boiler,D.G. Sets

10. Fuel consumed during the month : Diesel,ldo

11. Products : Hygiene Textiles,Medical Gowns,medical textiles

12. Work of Control Measures In Progress : Nothing in Progress

13. Upgradation / Addition of PCM is Required : Nothing Suggested

14. HAZ Waste Disposal(in Metric Tonne): NIL

Type	Code	Name	Qty-Unit	Remark
FUE	DIE	Diesel	50.000-LTS	
FUE	LDO	ldo	52.000-KLT	
GAS		Nox	22.400----	
GAS		Sox	17.600----	
PRD	48084	hygiene textiles	147.000-M.T	
PRD	48082	medical gowns	245.000-M.T	
PRD	48083	medical textiles	98.000-M.T	

Monthly Report from Industry

Form No D2

Gujarat Pollution Control Board

August , 2023

1. Name & address of Industry : Ahlstrom Munksjo Fibre Composites India P. Ltd (New Name),
Mundra SEZ Integrated Textile & Apparel ParkTal: Mundra, Dist: Kutch,
Mundra - 370421
DIST : Kutch East, TAL : Mundra, SIDC : MITAP

PCB ID : 32575

2. Phone No. : 02838619141

3. Date of commencement of Manufacturing process : 15/04/2010

4. CTEs No. & Date : CEE-124823,03/01/2030

5. CCA No . & Date of Expiry : H-126081, 27/01/2029

6. Water Cess (with Interest) paid up to which Period : 2017-2018

7. Laboratory charges pending if any : 0

8. Water consumed during the month (by all sources)in KL : Meter Reading=15813,Kilo Litre=1843

Water Cess Cooling Boiler/Dom/BIO Degrable/Non BIO Degrable : 432 / 213 / 1198 / 0

9. Electricity consumed in PRODUCTION : 2017100 **ETP/CETP :** 1015 **APCM :** 0

9A. Stack attached to : Boiler,D.G. Sets

10. Fuel consumed during the month : Diesel,ldo

11. Products : Hygiene Textiles,Medical Gowns,medical textiles

12. Work of Control Measures In Progress : Nothing in Progress

13. Upgradation / Addition of PCM is Required : Nothing Suggested

14. HAZ Waste Disposal(in Metric Tonne): NIL

Type	Code	Name	Qty-Unit	Remark
FUE	DIE	Diesel	50.000-LTS	
FUE	LDO	ldo	72.520-KLT	
GAS		Nox	21.200----	
GAS		Sox	18.700----	
PRD	48084	hygiene textiles	198.780-M.T	
PRD	48082	medical gowns	331.300-M.T	
PRD	48083	medical textiles	132.520-M.T	

N I C **Date : 21/11/2023** **1 / 1** **Company Seal** **Authorised Signatory**

Yours Faithfully

1. Name & address of Industry : Ahlstrom Munksjo Fibre Composites India P. Ltd (New Name),
Mundra SEZ Integrated Textile & Apparel ParkTal: Mundra, Dist: Kutch,
Mundra - 370421
DIST : Kutch East, TAL : Mundra, SIDC : MITAP

PCB ID : 32575

2. Phone No. : 02838619141

3. Date of commencement of Manufacturing process : 15/04/2010

4. CTEs No. & Date : CEE-124823,03/01/2030

5. CCA No . & Date of Expiry : H-126081, 27/01/2029

6. Water Cess (with Interest) paid up to which Period : 2017-2018

7. Laboratory charges pending if any : 0

8. Water consumed during the month (by all sources)in KL : Meter Reading=18509,Kilo Litre=2696

Water Cess Cooling Boiler/Dom/BIO Degrable/Non BIO Degrable : 501 / 600 / 1595 / 0

9. Electricity consumed in PRODUCTION : 2041000 **ETP/CETP :** 991 **APCM :** 0

9A. Stack attached to : Boiler,D.G. Sets

10. Fuel consumed during the month : Diesel,ldo

11. Products : Hygiene Textiles,Medical Gowns,medical textile sheets with/without crepe paper sheet,medical textiles

12. Work of Control Measures In Progress : Nothing in Progress

13. Upgradation / Addition of PCM is Required : Nothing Suggested

14. HAZ Waste Disposal(in Metric Tonne): NIL

Type	Code	Name	Qty-Unit	Remark
FUE	DIE	Diesel	50.000-LTS	
FUE	LDO	ldo	90.200-KLT	
GAS		Nox	19.400----	
GAS		Sox	16.700----	
PRD	48084	hygiene textiles	192.670-M.T	
PRD	48082	medical gowns	321.120-M.T	
PRD	678830	medical textile sheets with/without crepe paper sheet	17.030-M.T	
PRD	48083	medical textiles	128.450-M.T	

Annexure – 10

ADANI HOSPITALS-MUNDRA

Date : 23/05/23

adani Healthcare | Adani Hospitals Mundra

PRE / PERIODICAL - EMPLOYMENT MEDICAL EXAMINATION

CONTRACTUAL WORKER

Name of Agency: Inner Sergee Services Pvt LTD

Name: ARUN		VB
First	Middle	Last

Address:

Varikkassery (H)· P.O· Pullur-Urakam Kerala 680683

Age:- 26 Years

Date of Birth:- 15/02/1997

Sex: M.✓... / F ....   Marital Status: Married................../ Bachelor..........

Identification Mark:- Mole Near lt. eye

Habits: SMOKING (Y / NO)   TOBACCO (Y / NO)   ALCOHOL (Y / NO)

Past History: N/A	Present Diseases/illness if any: N/A

Past Job History

Last Organization Name	Nature of Job	Total Employment in Years	Type of Exposure
			–

Height in Cm: 6.3 inch   Weight in Kgs : 110   Chest Expansion in Cms :

Blood Pressure: 110 /80 Mm of Hg   Pulse Rate: 82 / Min.

GENERAL EXAMINATION

Pallor:	N	Lymph-Nodes	N
Jaundice:		Nails	
Oedema:		Gait	

SYSTEMIC EXAMINATION

Respiratory:	N	CVS:	N
Nervous system:		GIT:	
Mental status:			

ENT Tympanic Membrane: Hearing Assessment:

OPHTHALMIC EXAMINATION	RE	LE
Visual Status/depth perception if required		
Distance	6/6	6/6
Near		

Color vision:(For Heavy Equipment Operators):

Locomotors system   All Joints Mobility:

Upper limb: N	Lower Limb:	N	Spine: N

INVESTIGATIONS: (Reports to be attached if required & done)

PULMONARY FUNCTION TEST:	AUDIOMETRY:

~~FIT~~ / UNFIT FOR Work. (Job description)

MEDICAL OFFICER

Health Report submitted by(MBBS degree holder):

Name of Examining Doctor: Dr. Vamulit	Signature with Seal ADANI HOSPITALS MUNDRA PVT. LTD.
Place:	
Contact No:	Registration No.

30015200

adani Healthcare

Adani Hospitals Mundra

HEALTH CHECK UP

Name : Sanjay Tiwari Profile :

Age / Sex : 41 / M. Ref. by :

Date : 21/11/22. EmailID :

Complaints (if any) :

NAD.

Known Disease HTN / DM / IHD / Arthritis / Hypothyroid / Any Other :

HTN.

Present Medications : Holytel Trio. — OD.

Hypresensitivity and drug :

Persnol History : Bowel : Diet : Neg.

Micturition : Normal. Habits : Nil.

Sleep : Physical Activity / Exercise : Active.

Appetite :

Past History (Up Past Medications): Tuberculosis / Jaundice / Blood Transfusion / Hospitalisation / Surgery:

↳ NAD.

Family History: HTN / DM / IHD / Stroke / Cancer / Asthma / Epilepsy / Others :

↳ DM (Parents)

Vital Sings:

Height :.....cms Weight :.....kgs BMI :.....

Chest measurment :.....cms Inspiration :.....cms Expiration :..... cms

Pulse :88./min BP :.....minHg. 132/82.

Adani Hospitals
Mundra

General Examinations :

Skin : Normal.
Sclera : Normal.
Teeth and Gums : Normal.

Nail : Normal
Pedal Oedema : Normal
Lymphadenopathy : Normal

Puffiness of Face : Absent.

Respiratory System :

Air Entry : B/L AE (+)

Br thing : Normal.

Extra Sounds : (−)

Cardiovascular System :

Heart : S1S2 (+)

Peripheral Pulsation : (+)

Abdomen :

Contour :

Tenderness : Soft, Non Tender.

Free Fluid :

Liver / Spleen / Kidney / Lump :

Central Nervous System :

Higher Function : NAD.

Cr..ial Nerves : NAD.

Motor System : NAD.

Sensory System : NAD.

Reflexes : NAD.

CONCLUSIONS : · HbA1c ↑

· Vit D3 ↓

· Lipid ↑

RECOMMENDATIONS : Adv) · D3 Aadhar-mcaune (8)

— FBS

PPBS

· Reduce fatty diet

(2)

Annexure – 11

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**
		906238.00			

Annexure – 12

Major Maint. Jobs of CETP

April-23 to Sept-23

MITAP pumphouse painting work

CETP Secondary clarifier –1
Wheel installed with bearing and motor replacement work done


Various tanks
cleaning work

CETP Equalization Tank-01 taken in line and started in operation.

Various HDPE pipelines repairing work

Pump,motor,blower,gearbox routine PM work.

CETP All clarifier surface repairing civil work

Annexure – 13

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**

Annexure – 14

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

INDEX

CSR Kutch

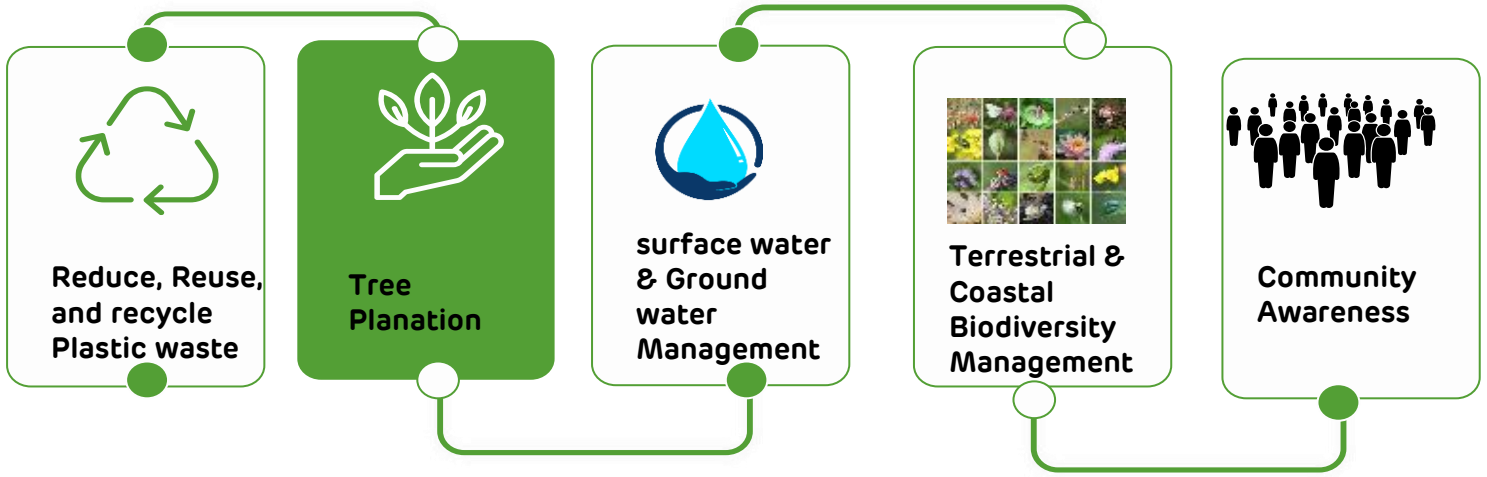
Demographic Details

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

*** Funded by -Mundra Petro chem Limited**

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 has embarked a transformative journey to execute a wide range of tree plantation drive in collaborating with local communities and forestry departments .

1.Miyawaki Forest Development: Native species planation 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.

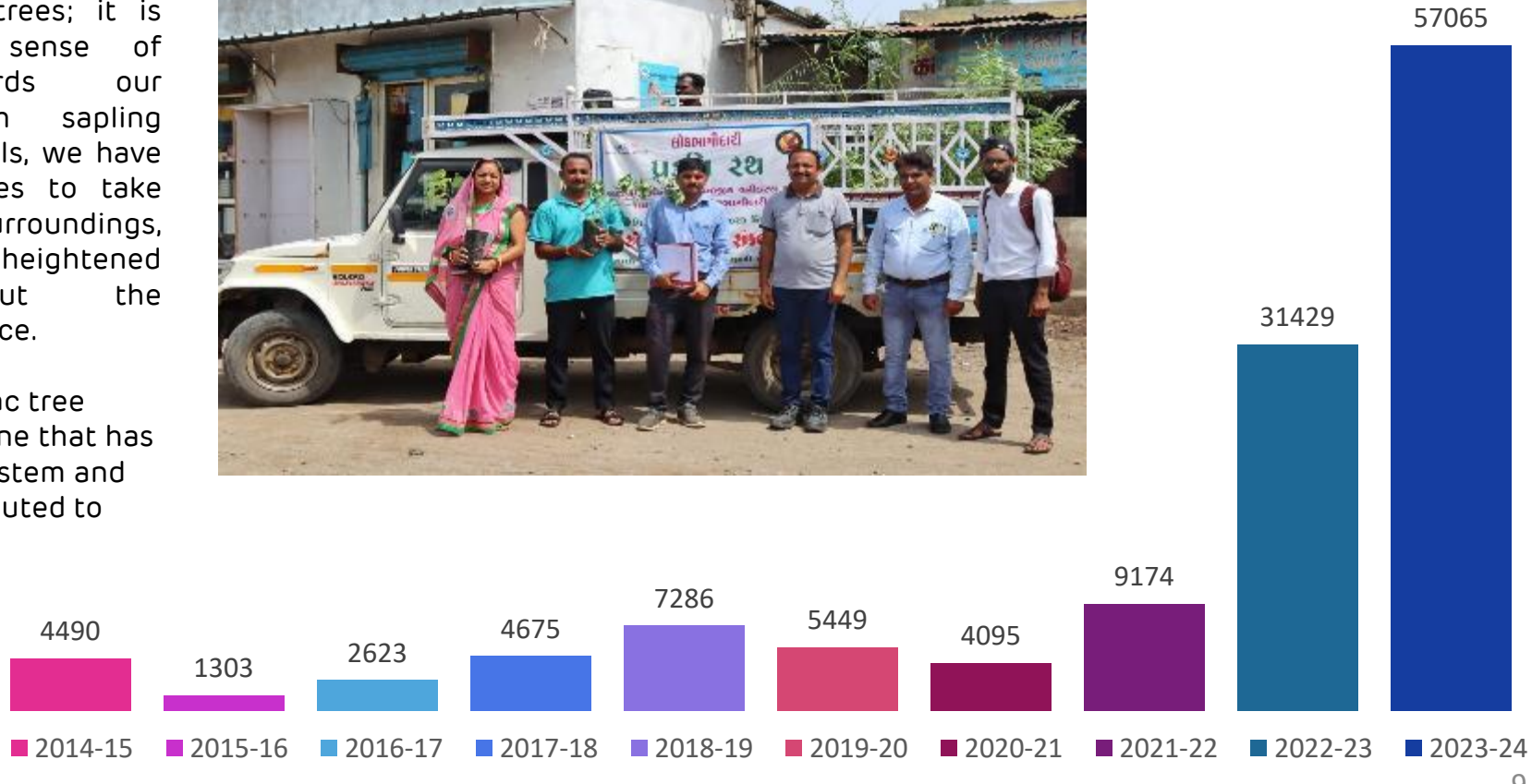
Environment Sustainability

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**

*** Funded by -Mundra Petro chem Limited**

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+**
- **Hector Avicennia marine plantation** — **160+**
- **Hector 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**	

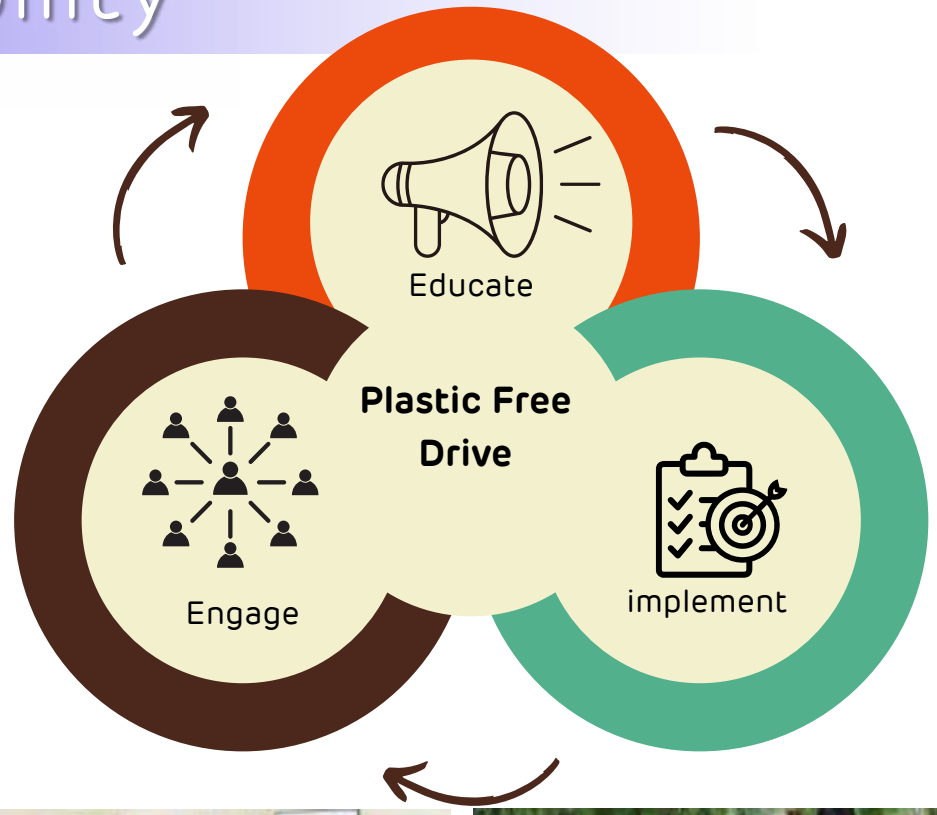
Environment Sustainability

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.



* Funded by -Mundra Petro chem Limited

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	05 exposure	857 Farmers	257 Gobardhan	35 Farmers	Rs.7.47 Lacs RG
• **Awareness Sessions at Village Level:** Spreading awareness on natural farming benefits and address their concerns.	• **Hands-On Training & Exposures :** Arranged Workshop and training to emphasizing on real-world techniques.	• **Link with Government Scheme**: facilitation of govt. Cow Nurturing scheme to promote eco-friendly farming practices.	• **Bio-gas Support:** Link with Gov Gobar Dhan Biogas Unit Nutrient-rich slurry serves as an essential organic fertilizer for natural farming	• **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.	• **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.

*** Funded by – Kutchh Copper Limited**

- 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

UTTHAN OBJECTIVES

- 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

10499	999	250	150	150	3000
69	8	2	5	5	2
Primary School	High School	Adani Evening Education Centre	Adani Competitive Coaching Centre	Adani English Coaching Centre	IT On Wheels

PROGRESSIVE LEARNER

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

MOTHERS MEET

400+ Mothers Meet : 10000+ Mothers Joined.

COMPETITIVE EXAM

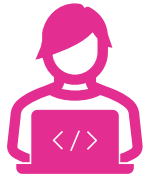
877 Students preparing Competitive Exam. 354 JNV, 273 PSE & 250 NMMS

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 Aligned With GoI & GoG

NEP 2020 | Samagra Shiksha | Nipun Bharat | RTE

Utthan in High Schools

8 High school

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

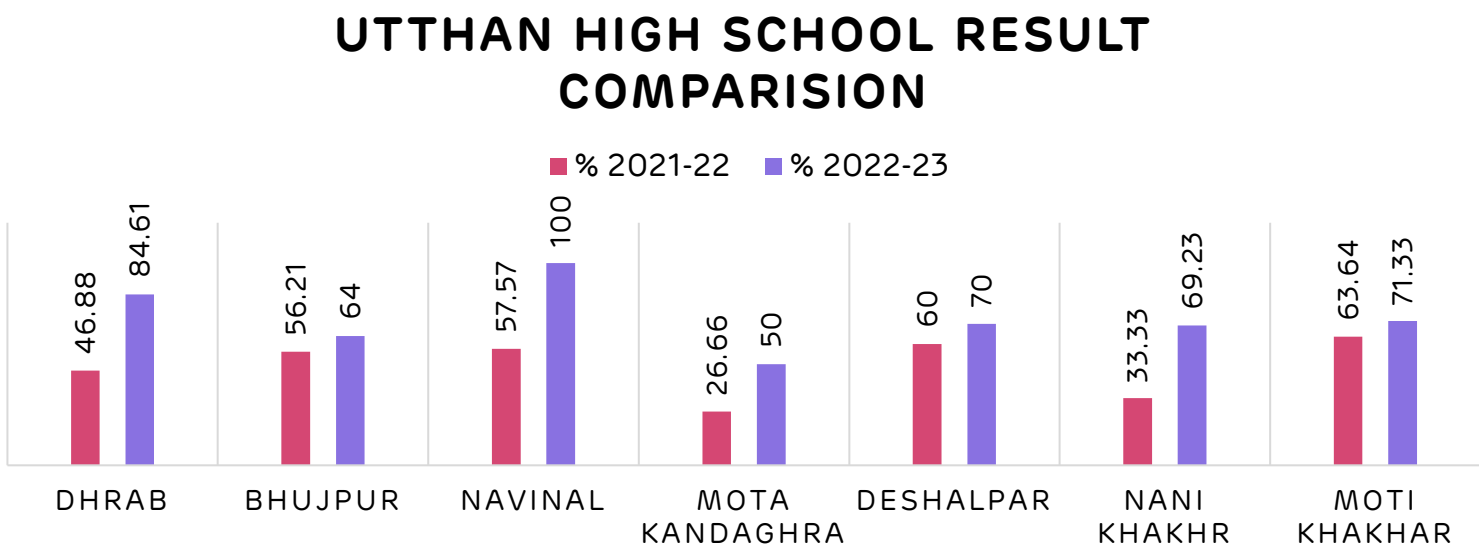
Goal is to improve the students' fundamental skills in these subjects.

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



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 form 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

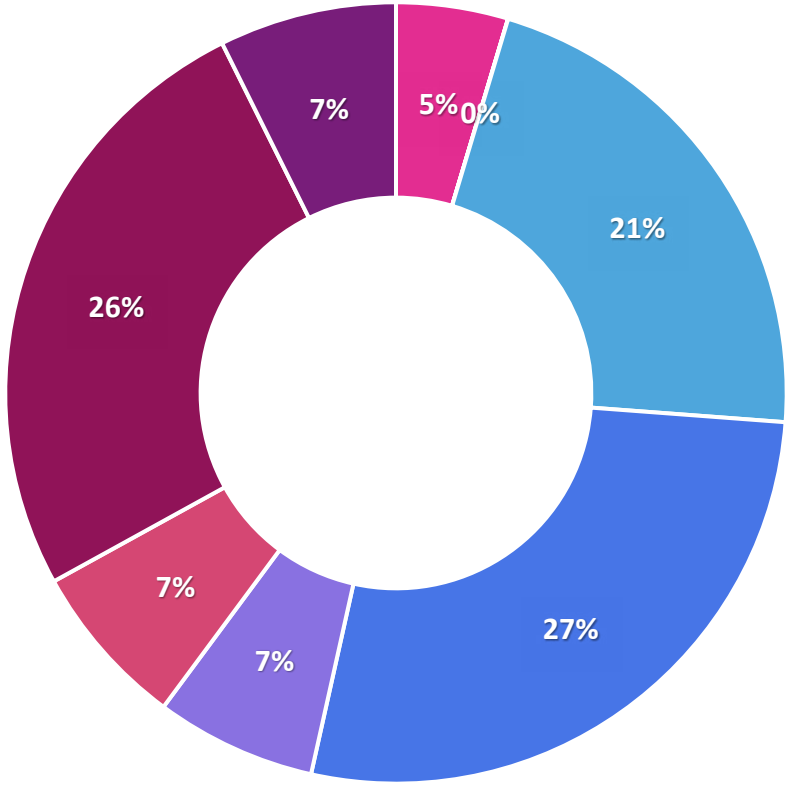
100% Success: Adani Vidya Mandir Bhadreshwar's Remarkable Achievement in Gujarat Board Standard 10th Examination.

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**



29-Villages
31-MHCU
Stoppage
7-Rural clinic

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

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 refre 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,

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**

*Funded by – Kutchh Copper Limited

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 ve 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.

*** Funded by – Mundra Petrochemicals Limited**

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."

*** Funded by – Mundra Petrochemicals Limited**

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

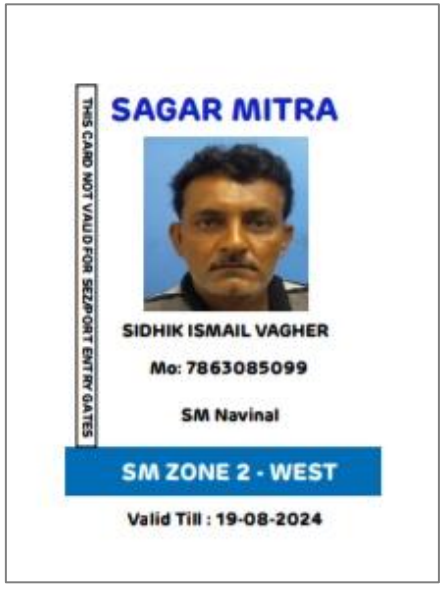
Providing access of potable Drinking water Facilities to Nine sherfolk vasahat on Daily bases, either By Water tanker or Linkage with Nearest Gram panchayat.

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

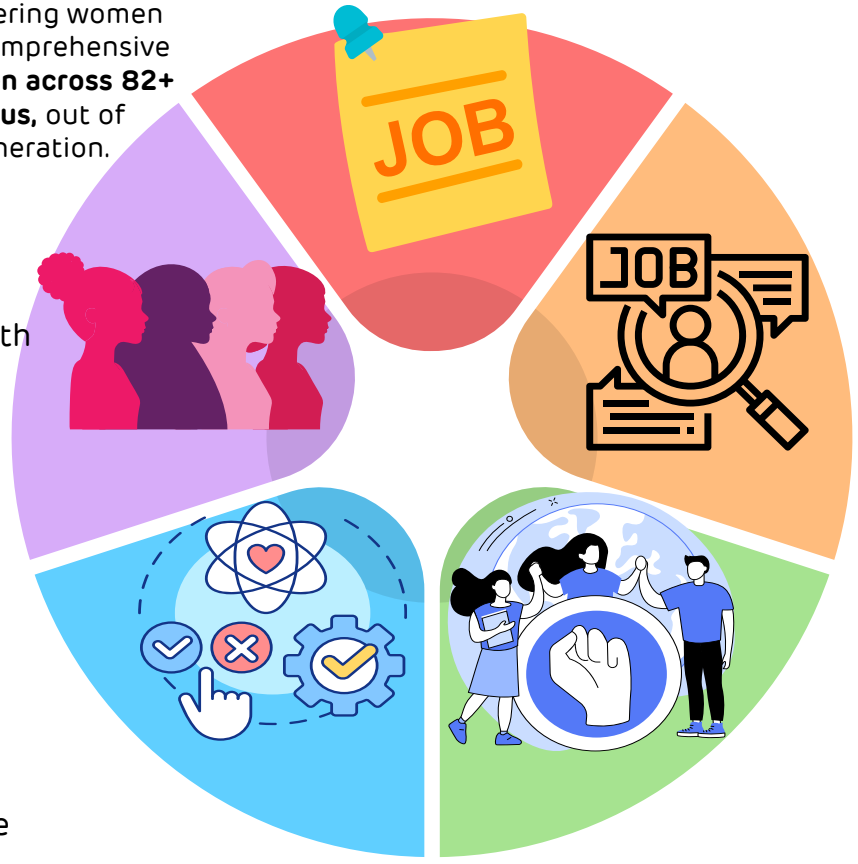
- Kutch Copper Limited is dedicated to empowering women both financially and socially. To that end, a comprehensive training program that has reached **850 women across 82+ Self Help Groups with 30+ Lacks saving Corpus,** out of which 5 groups have outstanding revenue generation.

Self Help Groups

- 82 Self Help Groups in coordination with National Rural Livlihood 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



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

*** Funded by – Kutchh Copper Limited**

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."

18 Villages

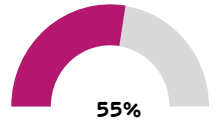
1587 Women participated

494 School girls

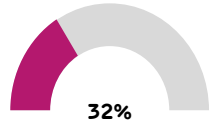
Till date 36% women had never used sanitary Napking single time now they started using due to our intervention. This will reduce UTI @ 22%. As our sample survey

Process

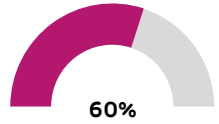
- Conducted Awareness Session at Village level
- Awareness Session at Schools
- Provide Sanitary pad
- Feed back and Evolution



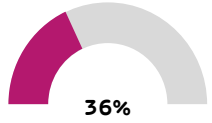
Women Never heard about Menstrual hygiene



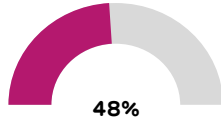
Women faced mild infection in life-time



were using cloths on regular basis



Women had never Used sanitary pads



Women had no information about UTI

Source :Women Sample Survey Report July 2023

*** Funded by – Kutchh Copper Limited**

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**

*** Funded by – Kutchh Copper Limited**

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.

- Never heard about millets or it's befits 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 Gaushala 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-oridnate with Gram pancahayat 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 Uddan 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

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 be cover an area of 72,600 hectares of waste land[1].

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 Poppulation								
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 Name											
Village Detail	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											
0-16 Roster	17	24	39	7	51	13	8	9	12	41	221
0-20 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			37
Girl	0	0	18	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 irrgation	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 Penson	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 wil 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 Udhuog	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 irrgation	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 Pension	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 Important 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 from42 School of Mundra had participated..

Rakshabadhan 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 group 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.

Press Note

દિવ્ય ભાસ્કર

કચ્છ ભાસ્કર 25-06-2023

મુન્દ્રામાં નવી શાકમાર્કેટ અઠવાડિયામાં ધમધમતી થશે

નગર અને બારોઇરોડના તમામ લારીધારકોને સ્થાયી થવા પાલિકાનું આહવાન

સ્ટોલ દીઠ રૂા.4500 ભાડું : લાઇટ બિલ પાલિકા ભોગવશે

ગૌતમભાઈ અદાણી ના ૬૧ માં જન્મદિવસની કચ્છ સ્થિત વિવિધ પ્રકલ્પો દ્વારાવિવિધ સેવાકીય કર્યો કરી ઉજવણી કરવામાં આવી

મુંદ્રા તાલુકાના તમામ લોકોને 'આયુષ્યમાન' હેઠળ આવરી લેવાશે

વાવાઝોડાનાં અસરગ્રસ્તોને ભોજન, આરોગ્ય સહિતની અદાણી જૂથની સેવા

ફાઉન્ડેશન દ્વારા લોકોને હજારો ફૂડ પેકેટ અપાયા : રેસ્કયુ ટીમ ખડેપગે રખાઈ

ઉમરપાડામાં ટીબીનાં ૭૦ દર્દીઓને ધારાસભ્ય ગણપત વસાવાના હસ્તે પૌષ્ટિક કીટનું વિતરણ

અદાણી ફાઉન્ડેશન દ્વારા ઉમરપાડાના ટીબીના દર્દીઓને છ મહિના સુધી કીટ આપવામાં આવશે

અદાણી ફાઉન્ડેશન દ્વારા મુંદ્રાના મહિલા સ્વસહાય જૂથને ગૌ દાન !

ગાય આધારિત ઉત્પાદનો લાભાર્થીઓ માટે 'કામધેનુ' સમાન

Press Note

રાજ્યપાલનું પ્રાકૃતિક ખેતી માટે આહ્વાન

મુંદરા સ્થિત અદાણી ફાઉ. સાથે શ્રી રાજશક્તિ પ્રાકૃતિક ખેતી મંડળીના ખેડૂતોએ મુલાકાત લીધી

રાજ્યપાલ આચાર્ય દેવવ્રતજીની કચ્છની સૌપ્રથમ શ્રી રાજશક્તિ પ્રાકૃતિક ખેતી સહકારી મંડળીના ખેડૂતોએ મુલાકાત લીધી હતી. તેમની સાથે અદાણી ફાઉન્ડેશનના ગુજરાત સીએસઆર વડા પંક્તિબેન શાહ અને ધારાસભ્ય અનિરુદ્ધભાઈ દવે રહ્યા હતા.

लोकतेज

अदाणी फाउंडेशन, दहेज द्वारा 'पेड़ों के माध्यम से विकास' ग्रामीण विकास अभियान

फलदार पौधों से आने वाले वर्षों में किसान की आय में वृद्धि होगी

અદાણી ફાઉન્ડેશન અને અદાણી ગ્રીન એનર્જી દ્વારા લખપતમાં આરોગ્ય કેમ્પ યોજાયા

આયુષ્યમાન કાર્ડ, તબીબી સારવાર અને પશુઓને રસીકરણ કરાયું

અદાણી નવચેતન વિદ્યાલય, જૂનાગામમાં ફળાઉ છોડ અને શૈક્ષણિક કીટ આપી શાળા પ્રવેશોત્સવ

ભરૂચના પૂરગ્રસ્ત ત્રણ ગામમાં અદાણી ફાઉન્ડેશન દ્વારા રાશનકીટનું વિતરણ

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અદાણી ફાઉન્ડેશન દ્વારા બિદડામાં મધર્સ-ડે ઉજવણી અંતર્ગત મિલેટ્સની વાનગી બનાવવાની હરીફાઈનું કરાયેલું આયોજન

અદાણી ફાઉ. દ્વારા મુંદ્રામાં પશુધનની સુરક્ષા માટે પશુ આરોગ્ય કેમ્પનું આયોજન

૨૦,૦૦૦ પશુઓને તંદુરસ્ત અને નિરોગી રાખવા અનોખી પહેલ

બાળકોના ભવિષ્યને ઉજ્જવળ બનાવવા અદાણી ફાઉન્ડેશનના ભગીરથ પ્રયાસો