

To

The Director (S),
Ministry of Environment & Forests,
E-5, Kendriya Paryavaran Bhawan,
Arera Colony, Link Road No. - 3,
Bhopal - 462 016.
E-mail: rowz.bpl-mef@nic.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.

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 October'15 to March'16 is enclosed here for your records. The stated information is also provided in form of a CD (soft copy).

Thanking you,

Yours Faithfully,

For MPSEZ Utilities Pvt. Ltd.

Authorized Signatory

Encl.: As above

Copy to:

1. Zonal Officer, Regional Office, CPCB - Western Region, Parivesh Bhawan, Opp. VMC Ward Office No. 10, Subhanpura, Vadodara - 390 023
2. Member Secretary, GPCB - Head Office, Paryavaran Bhavan, Sector 10 A, Gandhi Nagar - 382 010
3. Member Secretary, SEIAA, Gujarat, Paryavaran Bhavan, GPCB, Sector 10 A, Gandhi Nagar - 382 010
4. Regional Officer, Regional Office, GPCB - Katira Complex-1, Mangalam Char Rasta, Sanskar Nagar, Bhuj (Kutch) - 370 001

Handwritten signature
30/5/16
कार्यालय / OFFICE
कार्यालय एवं वन मंत्रालय (केन्द्रीय)
Ministry of Environment & Forests (C)
राष्ट्रीय कार्यालय (पश्चिम क्षेत्र)
Regional Office (Western Region)
भुज (स.प्र.) - 462016

Environmental Clearance Compliance Report

of



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

of

MPSEZ Utilities Pvt. Ltd.
(MUPL-CETP)

for
Period:

October-2015 to March-2016

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : October,15 To : March,16
Status of the conditions stipulated in Environment Clearance		

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Compliance Report of Environment Clearance

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : October,15 To : March,16
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.	Specific Conditions	Compliance Status as on 31-03-2016
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.	Being complied. Environment Audit is carried out on six monthly basis through reputed institute approved by GPCB. Soil and ground water quality monitoring is part of Environment Audit Report. Recommendations suggested as per Environment Audit Report are being complied. Last Audit Report submitted to GPCB on 18.11.2015.
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.	Being complied. Effluent Sample of each member unit is collected on daily basis and analysed in in-house environmental laboratory. Analysis reports are submitted to GPCB every month and typical proof showing the same is attached as Annexure – 1 .
3	Industries having 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.	Complied. Inlet norms of effluent for CETP are mentioned at Sr. 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. Fresh water requirement for CETP is ranging from 163 KL to 201 KL per month, which is very less compared to 100 KLD and is obtained from GWIL. No ground water is tapped. Details of water consumption, is given as Annexure – 2 .

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : October,15 To : March,16
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Sr. No.	Specific Conditions	Compliance Status as on 31-03-2016
5	The quantity of effluent discharge from the CETP shall not exceed 17000 KL/ Day (17 MLD).	Complied. At Present CETP is constructed only for 2.5 MLD capacity, which is also not fully utilized due to less effluent from member industry. Details on quantity received from industry and treated water discharge are attached as Annexure – 2.
6	The total quantity of effluent discharge (including industrial effluent and sewage overflow from septic 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:	Complied. There are only two member industries of CETP as on date for industrial effluent and effluent is conveyed though underground pipeline only. 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 and BOD.
	Parameter	CETP inlet norm of MUPL
	pH Suspended Solids BOD (3 Days at 27 °C) COD TDS Oil & Grease Phenolic Compounds Cyanides Fluorides Sulphides Ammonical Nitrogen Copper Nickel	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
		Analysis reports are submitted to GPCB every month and typical proof showing the same is attached as Annexure – 1. Sewage is also received from other member units for treatment in CETP and final disposal. List of member units for industrial effluent as well as domestic sewage is attached as Annexure – 3. MUPL-CETP has also installed Online Effluent Monitoring System as per CPCB guidelines for continuous monitoring of pH, TSS, COD, BOD & Ammonical Nitrogen parameters. Photographs showing the same are enclosed as Annexure – 4.

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : October,15 To : March,16
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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.	Specific Conditions	Compliance Status as on 31-03-2016
7	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.	Complied. Inlet norms of the effluent from each industry are regularly monitored. Analysis reports are submitted to GPCB every month and typical proof showing the same is attached as Annexure – 1 .
8	The MUPL will ensure that effluent discharge from member units (cluster or individual unit) complies with the inlet norms of the CETP.	Complied. Refer Point No. 6
9	Domestic waste water 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 waste water generated at the CETP will also be treated in the CETP.	Complied. Sewage from each industry is discharged into septic tank system. Overflow from septic tank is discharged into CETP along with industrial effluent for further treatment and final disposal. Generation of domestic waste water ranging from 40 to 50 KL per month at the CETP and is treated in the CETP itself.
10	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 CETP shall be operated regularly and efficiently so that quality of treated effluent from the CETP always meets with the GPCB norms.	Schematic Flow Diagram of CETP submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 02.12.2013. Quality of treated effluent from CETP meets with GPCB norms. Monitoring is being carried out by NABL and MoEF accredited agency. Monitoring reports for the period from October'15 to March'16 are enclosed as Annexure – 5 .

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : October,15 To : March,16
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Sr. No.	Specific Conditions	Compliance Status as on 31-03-2016
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.	Presently treated effluent is being used for plantation/gardening within the premises of CETP and other areas of Adani Ports and Special Economic Zone Limited.
12	Well-designed effluent distribution network with sprinklers / drip pipes shall be provided for proper utilization of treated effluent for plantation / gardening.	<p>Complied.</p> <p>So, far APSEZL have developed total 16.98 ha area as green belt with plantation of 31083 saplings in CETP premises.</p> <p>Photograph showing green belt developed with drip irrigation pipes submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 29.05.2014.</p>
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.	<p>Complied.</p> <p>Treated effluent from CETP is used for gardening purpose within the CETP premises.</p> <p>Quality of treated effluent from CETP meets with GPCB norms.</p> <p>Please refer Annexure - 5 for further details.</p>
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 effluent will go to the CETP for further treatment by pumping through rising main.	<p>Complied.</p> <p>At present the effluent from two units is received for treatment at the CETP. Both the units have two storage tanks of 50 KL each which is sufficient to store the effluent for at least one day.</p>

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Sr. No.	Specific Conditions	Compliance Status as on 31-03-2016
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 and time slot has been given to each industry for discharging their effluent.
16	The MUPL shall strictly observe and make sure that every member shall supply entire effluent quantity to the CETP.	Point noted.
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 effluent being conveyed to the CETP from the member units.	Complied. Details submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 02.12.2013.
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. Details submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 02.12.2013. Records of quantity received from industry and treated discharge are attached as Annexure - 2.
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. Details submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 02.12.2013.
20	The MUPL shall also install pH sensor with alarm device at final outlet to ensure that effluent being discharge is always neutral.	Complied. Details submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 02.12.2013.

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Sr. No.	Specific Conditions	Compliance Status as on 31-03-2016
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 HCl are provided with stand by pumps.
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.	Point noted.
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 maintenance of the CETP or process disturbances and any untreated effluent shall never be discharged into the environment.	Complied. Details submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 02.12.2013.
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.	D.G. Set having 380 KVA capacity has been provided as stand-by which is equivalent to the power requirement to run CETP.

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Sr. No.	Specific Conditions	Compliance Status as on 31-03-2016
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 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.	Complied. Log books containing all required information are maintained. Details submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 02.12.2013.
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. Environment Monitoring is being carried out on regular basis through NABL and MoEF accredited agency.
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.	Being complied. All data are submitted to GPCB and proof showing the same is attached as Annexure - 1.
28	The company shall also have to submit every month, the analysis reports of the samples of effluent got collected and analyzed by one of the recognized laboratories.	Being Complied. NABL and MoEF accredited agency is engaged for sampling and analysis of influent and effluent of CETP. Monitoring report for the period from October'15 to March'16 is attached as Annexure - 5.

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : October,15 To : March,16
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Sr. No.	Specific Conditions	Compliance Status as on 31-03-2016
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.	Being Complied. Environment Audit is carried out on six monthly basis through reputed institute approved by GPCB. Soil and ground water quality monitoring is part of Environment Audit Report. Recommendations suggested as per Environment Audit Report are being complied. Last Audit Report submitted to GPCB on 18.11.2015.
30	The MUPL shall maintain accurate records of their member units in 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.	Being Complied. Data regarding quantity and quality of effluent generated member units are submitted to GPCB regularly and proof showing the same is attached as Annexure – 1.
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. Sampling and Analysis report is attached as Annexure – 5.
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.	Details submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 02.12.2013.

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Sr. No.	Specific Conditions	Compliance Status as on 31-03-2016
33	The ambient air quality shall be monitored in and 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.	Being complied. Ambient Air Quality Monitoring station is established in consultation with GPCB. Monitoring carried out on regular basis through NABL and MoEF accredited agency. Monitoring report for the period from October'15 to March'16 is attached as Annexure – 5.
34	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.	Complied. MUPL has been granted Authorization vide Order No. AWH – 43284 dated 24.08.2011, Valid up to: 03.04.2016 from GPCB, Gandhinagar. Application for CC&A-Renewal has already been done vide inward no. 10605, dated 23.03.2016, which is under scrutiny. Acknowledge copy of CC&A-Renewal application is enclosed here as Annexure – 6.
35	CETP sludge shall be dried, packed and stored in designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.	Complied. Generated CETP sludge is dried in sludge drying beds , packed in HDPE bags and stored in dedicated hazardous waste storage area having appropriate facility. Details submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 02.12.2013.

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Sr. No.	Specific Conditions	Compliance Status as on 31-03-2016
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. MUPL have obtained membership with TSDP operator SEPPL, Bhachau for the same. Details submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 02.12.2013.
37	Discarded containers / drums / bags/ liners shall be either reused or returned back to suppliers or sold to authorized vendors after decontamination.	Complied. During Oct'15 to March'16 there is no hazardous waste disposal.
38	Used oil shall be sold to the registered recyclers.	Hazardous waste generated from CETP is being disposed through authorised TSDF facility.
39	Adequate hand rails shall be provided to all the CETP units for preventing fall of any person in the CETP tanks.	Complied. Details submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 02.12.2013.
40	All necessary precautionary measures shall be taken to avoid any kind of accident during storage and handling of chemicals. Handling and dosing of the materials shall be done in such a manner that minimal human exposure occurs.	Complied. Safety measures have been taken as a part of the operational manual and procedures. Details submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 02.12.2013.
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.	Point noted.

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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. Details submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 02.12.2013.
43	Personal Protective Equipments shall be provided to workers and its usage shall be ensured and supervised.	Personal protective equipments are provided to all workers and its usage is ensured and supervised regularly through safety department of APSEZL.
44	First Aid Box shall be made readily available in adequate quantity.	First aid box is available in CETP area. OHC of APSEZL maintains first aid box regularly.
45	Training shall be imparted to all the workers on safety and health aspects of chemicals handling and CETP operations.	Being complied regularly.
46	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.	Being complied regularly. Details submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 30.11.2015.
47	Transportation of hazardous chemicals shall be done as per the provisions of the Motor Vehicle Act & Rules.	Being complied.
48	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 the standards prescribed under The Environment (Protection) Act, 1986 & Rules.	Noise level in and around CETP area are well within the standards. Monitoring report for the period from October'15 to March'16 is attached as Annexure - 5.

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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.	So, far APSEZL have developed total 16.98 ha area as green belt with plantation of 31083 saplings in CETP premises. Photograph showing green belt developed with drip irrigation pipes submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 29.05.2014.
B. General Conditions		
50	GPCB will ensure while granting CTE to individual units that no industry of heavy pollution is allowed in such SEZ.	--
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 Government Department/Agencies.	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.
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. At present there are only two member units for industrial effluent discharge to CETP. Both units have a storage capacity for one day in case of breakdown /maintenance of CETP.
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. Individual members have their own ETPs which provides necessary treatment to achieve GPCB norms.

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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.	Specific Conditions	Compliance Status as on 31-03-2016
54	The MUPL shall ensure that each & every member renews the agreement on / before expiry of said 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.	Point noted and will be complied.
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.	Point noted and agreed.
56	Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.	Complied. Pucca flooring of paver blocks has been provided in CETP area.
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 arrested promptly. Floor washing shall be admitted in to the effluent collection system for subsequent treatment and disposal.	Complied.
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.	Details submitted to the Ministry of Environment, Forests & Climate Change along with half yearly compliance dated 02.12.2013.
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.

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : October,15 To : March,16
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.	Specific Conditions	Compliance Status as on 31-03-2016
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.	Point noted.
61	The Environmental Management Cell 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.	Complied. A well structured Environment Management Cell is exist, staffed with qualified manpower for implementation of the Environment Management Plan.
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	Separate budget for the Environment cell is earmarked every year. All environmental and horticulture activities are considered at group level and budget allocation is also done accordingly. The spent budget of CETP for the period F.Y. 2015-16 is 32.45 lacs. The spent budget for Horticulture Cell for the period F.Y. 2015-16 is 434.72 lacs.
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.	Details of CSR activities carried out by Adani Foundation for Mundra and surrounding area during October'15 to March'16 are attached as Annexure – 7 .
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.

	MPSEZ Utilities Pvt. Ltd., Mundra. (CTP)	From : October,15 To : March,16
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 (CTP) of 17 MLD capacity at Mundra, Dist. Kachchh, Gujarat of M/s. MPSEZ Utilities Pvt. Ltd. (CTP) issued vide letter no. SEIAA/GUJ/EC/7(h)/43/2010 dated 20th February, 2010

Sr. No.	Specific Conditions	Compliance Status as on 31-03-2016
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.
66	The project authorities shall earmark adequate funds to implement the conditions stipulated by SEIAA as well as GPCB along with the implementation schedule for all the conditions stipulated herein. The funds so provided shall not be diverted for any other purpose.	Complied.
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 concerned Regional Office of the Ministry.	Complied.

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : October,15 To : March,16
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.	Specific Conditions	Compliance Status as on 31-03-2016
68	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 1 st June and 1 st December of each calendar year.	Last half yearly Environmental Clearance compliance report was submitted to the Regional Office of MoEF & CC on 24.11.2015 in soft as well as hard copy.
69	The project authorities shall also adhere to the stipulations made by the Gujarat Pollution Control Board.	Complied.
70	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 project.	Complied.
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 date of issue.	Point noted.

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : October,15 To : March,16
Status of the conditions stipulated in Environment Clearance		

ANNEXURE 1

Typical Proof of Submission of Sampling and Analysis Reports of Member Units submitted to GPCB

Env Cell/MUPL/CETP/AR/2016/07

Date: 06.04.2016

To,

Member Secretary,

Gujarat Pollution Control Board,
Paryavaran Bhavan,
Sector-10A,
Gandhinagar-382010.

Sub.: Submission of Monthly Analysis Reports of Industrial and Sewage effluent of units connected with CETP operated by MPSEZ Utilities Pvt. Ltd.

Ref.: CC&A Order No. AWH-43284, GPCB ID: 10605

Dear Sir,

With reference to the above stated subject, please find enclosed monthly analysis reports of industrial and Sewage effluent received from following units at CETP for the month of February-2016.

Sr. No.	Unit Name	Remarks
1.	M/s. Dorf Ketal Speciality Catalyst Pvt. Ltd.	Industrial
2.	M/s. Ahlstrom Fiber Composites India Pvt. Ltd.	Industrial
3.	M/s SKAPS Industries India (Pvt) Ltd. (Unit-I)	Sewage
4.	M/s SKAPS Industries India (Pvt) Ltd. (Unit-II)	Sewage
5.	M/s Mundra SEZ Textile And Apparel Park Pvt. Ltd.	Sewage
6.	M/s. GSPC LNG Ltd.	Sewage

The reports are submitted here-with in view of the condition no. 4 of CC&A order granted by GPCB vide their letter no. PC/CCA-Kutch-644/GPCB ID: 10605/95102 dated 24th October, 2011.

Kindly accept and acknowledge the same.

Yours Faithfully,

For, MPSEZ Utilities Pvt. Ltd.

Authorized Signatory

M
19/4/16
Gujarat Pollution Control Board
Head Office
Sector No. 10-A,
Gandhinagar-382010

Cc To:

Regional Officer, Regional Office, Gujarat Pollution Control Board,
Katira Complex - 1, Mangalam Char Rasta, Nr. Income Tax Office, Sanskarnagar,
Bhuj - 370001.

MPSEZ Utilities Pvt Ltd
Adani House
Nr Mithakhali Circle, Navrangpura
Ahmedabad 380 009
Gujarat, India
CIN: U45209GJ2007PTC051323

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

Env Cell/MUPL/CETP/AR/2016/07

Date: 06.04.2016

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

Sub.: Submission of Monthly Analysis Reports of Industrial and Sewage effluent of units connected with CETP operated by MPSEZ Utilities Pvt. Ltd.

Ref.: CC&A Order No. AWH-43284, GPCB ID: 10605

Dear Sir,
 With reference to the above stated subject, please find enclosed monthly analysis reports of industrial and Sewage effluent received from following units at CETP for the month of February-2016.

Sr. No.	Unit Name	Remarks
1.	M/s. Dorf Ketel Speciality Catalyst Pvt. Ltd.	Industrial
2.	M/s. Ahlstrom Fiber Composites India Pvt. Ltd.	Industrial
3.	M/s SKAPS Industries India (Pvt) Ltd. (Unit-I)	Sewage
4.	M/s SKAPS Industries India (Pvt) Ltd. (Unit-II)	Sewage
5.	M/s Mundra SEZ Textile And Apparel Park Pvt. Ltd.	Sewage
6.	M/s. GSPC LNG Ltd.	Sewage

The reports are submitted here-with in view of the condition no. 4 of CC&A order granted by GPCB vide their letter no. PC/CCA-Kutch-644/GPCB ID: 10605/95102 dated 24th October, 2011.

Kindly accept and acknowledge the same.

Yours Faithfully,
 For, MPSEZ Utilities Pvt. Ltd.

Authorized Signatory

Cc To:
Regional Officer, Regional Office, Gujarat Pollution Control Board,
 Katira Complex - 1, Mangalam Char Rasta, Nr. Income Tax Office, Sanskarnagar,
 Bhuj - 370001.

MPSEZ Utilities Pvt Ltd
 Adani House
 Nr Mithakhali Circle, Navrangpura
 Ahmedabad 380 009
 Gujarat, India
 CIN: U45209GJ2007PTC051323

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

Received
Gujarat Pollution Control Board
 Bhuj-Kutch.

Analysis Report (CETP Inlet)

M/s Dorf Ketel Speciality Catalyst Pvt. Ltd.

Mar-16

Sr.No	DATE	Start rdg.	Diff (KL)	PH	TDS	SS	COD	BOD	Chloride
1	1-Mar-16	69655	60	7.20	1734	18	64	21	894
2	2-Mar-16	69715	57	7.40	1791	20	80	26	877
3	3-Mar-16	69772	68	7.40	1841	17	84	28	927
4	4-Mar-16	69840	58	7.30	1623	20	125	42	912
5	5-Mar-16	69898	60	7.00	1661	14	93	31	942
6	6-Mar-16	69958	56	7.21	1635	25	72	24	878
7	7-Mar-16	70014	62	7.00	1550	67	92	30	930
8	8-Mar-16	70076	56	7.18	1727	18	82	27	918
9	9-Mar-16	70132	60	7.12	1682	10	70	23	909
10	10-Mar-16	70192	60	7.34	1722	17	65	22	904
11	11-Mar-16	70252	65	7.30	1700	20	74	25	854
12	12-Mar-16	70317	67	7.22	1750	15	60	20	908
13	13-Mar-16	70384	60	7.00	1700	20	86	29	881
14	14-Mar-16	70444	59	7.42	1784	17	70	23	845
15	15-Mar-16	70503	63	7.10	1751	10	82	27	985
16	16-Mar-16	70566	64	7.00	1664	14	67	22	934
17	17-Mar-16	70630	63	7.13	1700	25	72	24	925
18	18-Mar-16	70693	55	7.10	1724	14	63	21	943
19	19-Mar-16	70748	62	7.00	1750	28	72	24	972
20	20-Mar-16	70810	46	7.47	1754	24	59	20	845
21	21-Mar-16	70856	66	7.53	1800	29	80	27	948
22	22-Mar-16	70922	64	6.98	1770	18	125	41	876
23	23-Mar-16	70986	60	7.18	1622	21	88	29	913
24	24-Mar-16	71046	59	7.23	1580	17	71	24	885
25	25-Mar-16	71105	63	7.43	1550	23	68	23	927
26	26-Mar-16	71168	56	7.42	1628	18	77	26	878
27	27-Mar-16	71224	58	7.30	1800	15	65	22	880
28	28-Mar-16	71282	65	7.78	1546	12	50	17	930
29	29-Mar-16	71347	54	7.45	1782	21	54	18	930
30	30-Mar-16	71401	63	7.50	1586	12	60	20	911
31	31-Mar-16	71464	51	7.67	1664	18	68	23	882
32	1-Apr-16	71515							
			1860						

For

MPSEZ Utilities Pvt Ltd

Analysis Report (CETP Inlet)

M/s Ahlstrom Fiber Composites India Pvt. Ltd.

Mar-16

Sr.No	DATE	Start rdg.	Diff (KL)	PH	TDS	SS	COD	BOD	Chloride
1	1-Mar-16	18485	0	7.0	1580	144	224	75	578
2	2-Mar-16	18485	0	7.2	1621	182	327	109	689
3	3-Mar-16	18485	25	7.1	1000	90	189	63	378
4	4-Mar-16	18510	25	7.2	1100	104	463	154	434
5	5-Mar-16	18535	25	8.1	1344	175	366	122	571
6	6-Mar-16	18560	5	7.4	1425	157	323	108	552
7	7-Mar-16	18565	9	6.8	1470	115	412	137	534
8	8-Mar-16	18574	27	8.1	1592	152	381	127	552
9	9-Mar-16	18601	27	8.0	1535	175	361	121	680
10	10-Mar-16	18628	28	7.1	1563	162	334	111	642
11	11-Mar-16	18656	29	7.4	1419	168	354	118	568
12	12-Mar-16	18685	25	7.2	1479	100	265	88	572
13	13-Mar-16	18710	0	8.1	1400	135	278	93	565
14	14-Mar-16	18710	0	7.3	1561	150	240	80	538
15	15-Mar-16	18710	0	7.5	1122	172	231	77	461
16	16-Mar-16	18710	0	7.1	1200	160	285	95	522
17	17-Mar-16	18710	0	7.3	1400	138	314	105	489
18	18-Mar-16	18710	0	7.2	1461	121	439	146	518
19	19-Mar-16	18710	0	6.9	1537	171	741	247	767
20	20-Mar-16	18710	0	6.9	1555	165	727	242	780
21	21-Mar-16	18710	25	6.9	1548	178	710	237	778
22	22-Mar-16	18735	25	7.1	1080	57	485	162	425
23	23-Mar-16	18760	0	6.8	1318	62	342	114	562
24	24-Mar-16	18760	0	7.4	1379	89	412	157	541
25	25-Mar-16	18760	48	7.7	1350	146	533	178	578
26	26-Mar-16	18808	0	6.5	1124	92	312	104	419
27	27-Mar-16	18808	2	7.5	1300	141	282	94	540
28	28-Mar-16	18810	25	7.8	1256	113	327	109	510
29	29-Mar-16	18835	0	8.1	1299	112	238	79	432
30	30-Mar-16	18835	0	6.8	1145	213	384	128	575
31	31-Mar-16	18835	0	7.1	1188	311	616	205	518
32	1-Apr-16	18835							
			350						

Note: Analysis shown as per sampling done by CETP on daily basis, whether effluent was discharged or not by unit to CETP.

For

MPSEZ Utilities Pvt Ltd

Analysis Report (CETP)

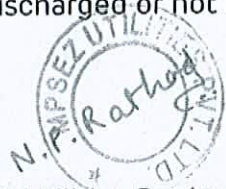
M/s SKAPS Industries India (Pvt) Ltd. (Unit-I)

Mar-16

SR.NO.	DATE	Start.rdg	Diff.	PH	T.D.S.	S.S	C.O.D	B.O.D.
1	1-Mar	-	-	-	-	-	-	-
2	2-Mar	-	-	-	-	-	-	-
3	3-Mar	-	-	-	-	-	-	-
4	4-Mar	-	-	7.8	1310	154	342	114
5	5-Mar	-	-	-	-	-	-	-
6	6-Mar	-	-	-	-	-	-	-
7	7-Mar	-	-	-	-	-	-	-
8	8-Mar	-	-	-	-	-	-	-
9	9-Mar	-	-	-	-	-	-	-
10	10-Mar	-	-	-	-	-	-	-
11	11-Mar	-	-	7.6	1289	176	428	143
12	12-Mar	-	-	-	-	-	-	-
13	13-Mar	-	-	-	-	-	-	-
14	14-Mar	-	-	-	-	-	-	-
15	15-Mar	-	-	-	-	-	-	-
16	16-Mar	-	-	-	-	-	-	-
17	17-Mar	-	-	-	-	-	-	-
18	18-Mar	-	-	7.5	1384	162	482	160.0
19	19-Mar	-	-	-	-	-	-	-
20	20-Mar	-	-	-	-	-	-	-
21	21-Mar	-	-	-	-	-	-	-
22	22-Mar	-	-	-	-	-	-	-
23	23-Mar	-	-	-	-	-	-	-
24	24-Mar	-	-	-	-	-	-	-
25	25-Mar	-	-	8	1489	208	389	130
26	26-Mar	-	-	-	-	-	-	-
27	27-Mar	-	-	-	-	-	-	-
28	28-Mar	-	-	-	-	-	-	-
29	29-Mar	-	-	-	-	-	-	-
30	30-Mar	-	-	-	-	-	-	-
31	31-Mar	-	-	-	-	-	-	-

Note: Analysis shown as per sampling done by CETP on weekly basis, whether effluent was discharged or not by unit to CETP.

For



MPSEZ Utilities Pvt Ltd

Analysis Report (CETP)

M/s SKAPS Industries India (Pvt) Ltd. (Unit-II)

Mar-16

SR.NO.	DATE	Start.rdg	Diff.	PH	T.D.S.	S.S	C.O.D	B.O.D.
1	1-Mar	-	-	-	-	-	-	-
2	2-Mar	-	-	-	-	-	-	-
3	3-Mar	-	-	-	-	-	-	-
4	4-Mar	-	-	8.3	1255	366	442	147
5	5-Mar	-	-	-	-	-	-	-
6	6-Mar	-	-	-	-	-	-	-
7	7-Mar	-	-	-	-	-	-	-
8	8-Mar	-	-	-	-	-	-	-
9	9-Mar	-	-	-	-	-	-	-
10	10-Mar	-	-	-	-	-	-	-
11	11-Mar	-	-	8.2	1388	282	515	172.0
12	12-Mar	-	-	-	-	-	-	-
13	13-Mar	-	-	-	-	-	-	-
14	14-Mar	-	-	-	-	-	-	-
15	15-Mar	-	-	-	-	-	-	-
16	16-Mar	-	-	-	-	-	-	-
17	17-Mar	-	-	-	-	-	-	-
18	18-Mar	-	-	8	1354	325	489	163
19	19-Mar	-	-	-	-	-	-	-
20	20-Mar	-	-	-	-	-	-	-
21	21-Mar	-	-	-	-	-	-	-
22	22-Mar	-	-	-	-	-	-	-
23	23-Mar	-	-	-	-	-	-	-
24	24-Mar	-	-	-	-	-	-	-
25	25-Mar	-	-	7.8	1434	378	566	189
26	26-Mar	-	-	-	-	-	-	-
27	27-Mar	-	-	-	-	-	-	-
28	28-Mar	-	-	-	-	-	-	-
29	29-Mar	-	-	-	-	-	-	-
30	30-Mar	-	-	-	-	-	-	-
31	31-Mar	-	-	-	-	-	-	-

Note: Analysis shown as per sampling done by CETP on weekly basis, whether effluent was discharged or not by unit to CETP.

For



MPSEZ Utilities Pvt Ltd

Analysis Report (CETP)

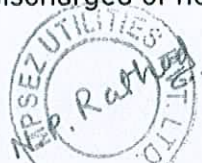
M/s Mundra SEZ Textile And Apparel Park Pvt. Ltd.

Mar-16

SR.NO.	DATE	Start.rdg	Diff(KL)	PH	T.D.S.	S.S	C.O.D	B.O.D.
1	1-Mar	2105.2	18.1	-	-	-	-	-
2	2-Mar	2123.3	19.8	-	-	-	-	-
3	3-Mar	2143.1	11.3	-	-	-	-	-
4	4-Mar	2154.4	11.8	8.3	1254	128	242	81
5	5-Mar	2166.2	10.4	-	-	-	-	-
6	6-Mar	2176.6	10.8	-	-	-	-	-
7	7-Mar	2187.4	0.0	-	-	-	-	-
8	8-Mar	2187.4	15.1	-	-	-	-	-
9	9-Mar	2202.5	25.7	-	-	-	-	-
10	10-Mar	2228.2	12.8	-	-	-	-	-
11	11-Mar	2241.0	18.3	8.0	1100	92	288	96
12	12-Mar	2259.3	11.1	-	-	-	-	-
13	13-Mar	2270.4	0.0	-	-	-	-	-
14	14-Mar	2270.4	0.0	-	-	-	-	-
15	15-Mar	2270.4	18.2	-	-	-	-	-
16	16-Mar	2288.6	0.0	-	-	-	-	-
17	17-Mar	2288.6	12.5	-	-	-	-	-
18	18-Mar	2301.1	16.2	7.8	1200	114	318	106
19	19-Mar	2317.3	15.2	-	-	-	-	-
20	20-Mar	2332.5	15.9	-	-	-	-	-
21	21-Mar	2348.4	16.4	-	-	-	-	-
22	22-Mar	2364.8	0.0	-	-	-	-	-
23	23-Mar	2364.8	0.0	-	-	-	-	-
24	24-Mar	2364.8	0.0	-	-	-	-	-
25	25-Mar	2364.8	0.5	8.1	1451	131	384	128
26	26-Mar	2365.3	0.0	-	-	-	-	-
27	27-Mar	2365.3	0.0	-	-	-	-	-
28	28-Mar	2365.3	0.0	-	-	-	-	-
29	29-Mar	2365.3	0.0	-	-	-	-	-
30	30-Mar	2365.3	0.0	-	-	-	-	-
31	31-Mar	2365.3	0.0	-	-	-	-	-
32	1-Apr	2365.3						
			260.1					

Note: Analysis shown as per sampling done by CETP on weekly basis, whether effluent was discharged or not by unit to CETP.

For



MPSEZ Utilities Pvt Ltd

Analysis Report (CETP)
M/s GSPC LNG Ltd.

Mar-16

SR.NO.	DATE	Tanker No.	Received in KL	PH	T.D.S.	S.S	C.O.D	B.O.D.	Chloride	Remarks
1	1-Mar	537	3.51	7.80	1700	260	684	228	450	Vijay Tanks
2	2-Mar	537	3.59	8.00	1750	272	713	238	515	Toyo
3	3-Mar	537	3.32	8.00	1500	323	632	210	369	IHI
4	4-Mar	537	3.65	8.00	1500	282	1034	345	452	Vijay Tanks
5	5-Mar	537	3.45	8.00	1700	296	728	243	472	Vijay Tanks
6	6-Mar	-	-	-	-	-	-	-	-	-
7	7-Mar	537	3.67	7.30	1750	243	780	260	382	IHI
8	8-Mar	537	4.00	7.12	1575	267	656	219	428	IHI
9	9-Mar	537	3.37	7.24	1770	235	685	228	426	Toyo
10	10-Mar	537	3.44	7.44	1600	277	708	236	468	Vijay Tanks
11	11-Mar	537	4	8.00	1800	294	725	242	382	IHI
12	12-Mar	537	3.58	8.00	1480	279	668	223	442	Vijay Tanks
13	13-Mar	-	-	-	-	-	-	-	-	-
14	14-Mar	-	-	-	-	-	-	-	-	-
15	15-Mar	537	3.35	7.50	1350	325	667	222	316	Vijay Tanks
16		537	3.39	7.80	1450	288	578	193	332	IHI
17	16-Mar	537	3.53	7.70	1580	305	613	204	423	Vijay Tanks
18	17-Mar	537	4.00	7.80	1750	264	677	226	383	IHI
19		537	3.44	7.80	1500	278	792	264	366	Vijay Tanks
20	18-Mar	537	3.33	7.80	1500	234	564	188	424	Vijay Tanks
21	19-Mar	537	3.38	8.10	1700	250	734	245	533	IHI
22		537	3.45	7.80	1500	275	627	209	484	Vijay Tanks
23	20-Mar	-	-	-	-	-	-	-	-	-
24	21-Mar	537	3.37	7.80	1700	213	597	199	442	Vijay Tanks
25	22-Mar	537	3.57	7.80	1500	225	552	184	368	IHI
26	23-Mar	-	-	-	-	-	-	-	-	-
27	24-Mar	-	-	-	-	-	-	-	-	-
28	25-Mar	537	4	7.87	1500	248	768	256	339	IHI
29	26-Mar	537	3.42	7.67	1700	253	667	222	435	Vijay Tanks
30		537	3.48	7.54	1500	266	579	193	463	Vijay Tanks
31	27-Mar	-	-	-	-	-	-	-	-	-
32	28-Mar	537	3.48	7.65	1761	238	403	134	384	IHI
33	29-Mar	537	4	7.80	1600	242	513	171	483	Vijay Tanks
34	30-Mar	537	3.28	7.90	2000	300	662	220	342	Toyo
35		537	3.45	8.00	1700	267	582	194	435	IHI
36	31-Mar	537	3.44	7.80	1500	342	747	246	480	Vijay Tanks
37			3.44	7.70	1700	332	868	289	369	Toyo
			106.38							

For

MPSEZ Utilities Pvt Ltd

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : October,15 To : March,16
Status of the conditions stipulated in Environment Clearance		

ANNEXURE 2

Details on Water Consumption & Wastewater Received from Member Units & Quantity of Treated Water

Annexure – 2

Details of Water Consumption (Oct-15 to March-16)

Sr. No.	Month	Total water Cons, KL	Common Effluent Treatment Plant (CETP) Month wise Water consumption data in KL	
			Domestic	Industrial
1.	Oct – 15	163.00	42.00	121.00
2.	Nov – 15	182.00	40.00	142.00
3.	Dec – 16	186.00	45.00	141.00
4.	Jan – 16	186.00	43.00	143.00
5.	Feb – 16	175.00	42.00	133.00
6.	Mar – 16	201.00	41.00	160.00
	Total	1093.00	253.00	840.00

Collected Quantity of Trade Effluent and Treated Water Discharge

(Oct-15 to March-16)

Sr. No.	Month	Effluent collected from member units in KL	Treated water Discharge in KL
1	Oct – 15	3241.23	2920.00
2	Nov – 15	2713.88	2839.80
3	Dec – 16	2809.77	2720.00
4	Jan – 16	2486.65	3062.00
5	Feb – 16	2685.87	2982.00
6	Mar – 16	3095.38	4040.00
Total Quantity		17032.78	18563.80
Avg. Quantity per Day		93.08	101.44
Note: Treated water quantity is higher than received Effluent due to water consumption for industrial as well as domestic purpose in CETP.			

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : October,15 To : March,16
Status of the conditions stipulated in Environment Clearance		

<p style="text-align: center;">ANNEXURE 3</p> <p style="text-align: center;">List of CETP Member Units</p>
--

Annexure – 3

List of CETP Member Units

Sr. No.	Name of the Member Unit (Industrial Effluent)	Booked Qty. KLD
1	M/s. Dorf Ketel Speciality Catalyst Pvt. Ltd.	60
2	M/s. Ahlstrom Fiber composites India Pvt. Ltd.	25

Sr. No.	Name of the Member Unit (Domestic Sewage)
1	M/s. Skaps Industries India (Pvt.) Ltd.
2	M/s. Skaps Industries India (Pvt.) Ltd. (Unit II)
3	M/s. Mundra SEZ Integtaed Textile Apprel Park Ltd. (MITAP) – Common Facility
4	M/s. GSPC LNG Ltd.

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : October,15 To : March,16
Status of the conditions stipulated in Environment Clearance		

ANNEXURE 4
Photographs showing
Continuous Online Effluent
Monitoring System

Annexure – 4

Photographs showing Continuous Online Effluent Monitoring System





	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : October,15 To : March,16
Status of the conditions stipulated in Environment Clearance		

ANNEXURE 5
Summary of Environmental
Monitoring Reports
From October'15 to March'16

**POLLUCON****LABORATORIES PVT. LTD.**Environmental Auditors, Consultants & Analysts.
Cleaner Production / Waste Minimization Facilitator

Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986

"HALF YEARLY ENVIRONMENTAL MONITORING REPORT"

FOR

**COMMON EFFLUENT TREATMENT PLANT [CETP]
MPSEZL UTILITIES PVT LTD (MUPL)
TAL: MUNDRA, KUTCH, MUNDRA – 370 421**

**MONITORING PERIOD:
OCTOBER 2015 TO MARCH 2016**

PREPARED BY:

**POLLUCON LABORATORIES PVT.LTD.
544, BELGIUM TOWERS, RING ROAD, SURAT – 395 003
PHONE/FAX – (+91 261) 2455 751, 2601 106, 2601 224.
E-mail: pollucon@gmail.com Web: www.polluconlab.com**

T 0820 - 821**ISO 9001:2008****ISO 14001:2004****OHSAS 18001:2007**

**H. T. Shah
Lab Manager**



**Dr. Arun Bajpai
Lab Manager (Q)**

Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986


RESULT OF CETP OUTLET

SR. NO.	TEST PARAMETERS	UNIT	CETP OUTLET						TEST METHOD
			Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	
1	pH	--	8.00	7.80	7.33	8.02	7.12	8.20	IS3025(P11)83Re.02
2	Temperature	°C	28	29	30	30	30	30	IS3025(P9)84Re.02
3	Colour	Co-pt	30	30	40	40	30	40	IS3025(P4)83Re.02
4	Total Suspended Solids	mg/L	38	22	34	12	18	10	IS3025(P17)84Re.02
5	Oil & Grease	mg/L	0.6	BDL*	BDL*	BDL*	BDL*	BDL*	APHA(22 nd Edi)5520D
6	Phenolic Compound	mg/L	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	IS3025(P43)92Re.03
7	Ammonical Nitrogen	mg/L	1.47	1.66	1.76	1.52	2.50	1.60	IS3025(P34)88Cla.2.3
8	BOD (3 Days @ 27 °C)	mg/L	24	26	22	24	24	22	IS 3025 (P44)1993Re.03Edition2.1
9	COD	mg/L	83	91	90	86	86	74	APHA(22 nd Edi) 5520-D Open Reflux
10	Chloride as Cl	mg/L	509	509	476	517	577	470	IS3025(P32)88Re.99
11	Sulphate as SO ₄	mg/L	45.14	46.83	40.54	44.60	49.58	56.40	APHA(22 nd Edi)4500 SO ₄ E
12	Total Dissolved Solids	mg/L	1365	1075	1031	1291	1470	2030	IS3025(P16)84Re.02
13	SAR	--	3.14	2.66	1.44	2.34	2.41	2.30	By Calculation
14	Sodium as Na	%	41.14	46.64	38.48	49.43	43.23	44.00	AAS APHA(22 nd Edi) 3500 NA B/ Flame Photometer
15	Copper as Cu	mg/L	0.030	0.028	0.028	0.020	0.024	0.016	AAS APHA(22 nd Edi)3111 B
16	Nickel as Ni	mg/L	0.022	0.032	0.020	0.018	0.020	0.008	AAS APHA(22 nd Edi)3111 B
17	Cyanide as CN	mg/L	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	APHA(22 nd Edi)4500CN E
18	Boron as B	mg/L	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	APHA(22 nd Edi)4500 B
19	Insecticides/Pesticides	mg/L	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	GC MS
20	Bio-assay Test	--	95 % Survival of fish after 96 hours in 100 % CETP Outlet effluent	95 % Survival of fish after 96 hours in 100 % CETP Outlet effluent	95 % Survival of fish after 96 hours in 100 % CETP Outlet effluent	95 % Survival of fish after 96 hours in 100 % CETP Outlet effluent	95 % Survival of fish after 96 hours in 100 % CETP Outlet effluent	95 % Survival of fish after 96 hours in 100 % CETP Outlet effluent	OECD 203 B/IS: 6582-1971
21	Residual Chlorine	mg/L	< 0.1	0.5	0.7	0.7	< 0.1	< 0.1	APHA(22 nd Edi)4500 Cl

*Below Detection Limit



H. T. Shah
Lab Manager

Dr. Arun Bajpai
Lab Manager (Q)

RESULT OF AMBIENT AIR QUALITY MONITORING

WTP- NEAR CETP								TEST METHOD
PARAMETER	UNIT	October 2015	November 2015	December 2015	January 2016	February 2016	March 2016	
Particulate Matter (PM ₁₀)	µg/m ³	80.33	85.18	80.15	78.49	79.52	85.35	IS:5182(Part 23):Gravimetric CPCB - Method (Vol.I,May-2011)
Particulate Matter (PM 2.5)	µg/m ³	42.84	46.45	42.59	44.31	40.65	43.74	Gravimetric- CPCB - Method (Vol.I,May-2011)
Sulphur Dioxide (SO ₂)	µg/m ³	19.68	18.01	19.78	21.04	23.86	21.15	IS:5182(Part II): Improved West and Gaeke
Oxides of Nitrogen (NO ₂)	µg/m ³	36.00	32.70	36.09	35.98	34.28	34.30	IS:5182(Part VI):Modified Jacob & Hochheiser (NaOH-NaAsO ₂)
Hydrogen sulphide(H ₂ S)	µg/m ³	BDL*	BDL*	BDL*	BDL*	BDL*	BDL*	IS:5182(Part VII) 1973

*Below detection limit

Note: Monthly average is calculated based on 24 hourly & twice a week monitoring.



H. T. Shah
Lab Manager




Dr. Arun Bajpai
Lab Manager (Q)

Results of Noise level monitoring

Result of Noise level monitoring [Day Time]


Noise level in dB (A) Leq- Average								Limits in dB (A) Leq
Sr. No.	Location Name	October 2015	November 2015	December 2015	January 2016	February 2016	March 2016	
1	CETP	61.9	56.2	65.5	61.3	61.4	63.4	75 dB (A) Leq

Result of Noise level monitoring [Night Time]

Noise level in dB (A) Leq- Average								Limits in dB (A) Leq
Sr. No.	Location Name	October 2015	November 2015	December 2015	January 2016	February 2016	March 2016	
1	CETP	60.6	50.0	51.6	58.0	57.3	62.4	70 dB (A) Leq



H. T. Shah
Lab Manager

Dr. Arun Bajpai
Lab Manager (Q)



POLLUCON LABORATORIES PVT. LTD.

Environmental Auditors, Consultants & Analysts.
Cleaner Production / Waste Minimization Facilitator

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Minimum Detection Limit [MDL]

Water parameter(mg/L)		
Sr. No.	Test parameter	MDL
1	Total Suspended Solids	1
2	Oil & Grease	1
3	BOD	10
4	COD	5
6	Total Dissolved Solids	3
7	Sulphate	0.3
8	Ammonical Nitrogen	0.05
9	Nickel	0.01
10	Phenolic Compound	0.001
11	Fluoride	0.01
12	Copper	0.013
13	Sulphide	0.01
15	Cyanide	0.0001
16	Residual Chlorine	0.1
17	Boron	0.02
17	Insecticides/Pesticides	0.01
19	Nitrate Nitrogen	0.15
20	Phosphorous	0.15
21	Petroleum Hydrocarbon	0.01
22	Lead	0.005
23	Mercury	0.0005
24	Zinc	0.022
25	Cadmium	0.001
26	Arsenic	0.00015
Sediment parameter(mg/kg)		
1	Petroleum Hydrocarbon	0.2

Ambient Air Parameter		
Sr. No.	Test parameter	MDL
1	Particulate Matter (PM10)	10
2	Particulate Matter (PM 2.5)	10
3	Sulphur Dioxide (SO ₂) (µg/m ³)	5
4	Oxides of Nitrogen (µg/m ³)	5
5	Hydrogen Sulphide as H ₂ S (µg/m ³)	6

H. T. Shah
Lab Manager



Dr. Arun Bajpai
Lab Manager (Q)

Results of Bore Hole Water

SR. NO	TEST PARAMETERS	Unit	TEST METHOD	Near CETP Main Gate					
				16/10/2015	16/11/2015	15/12/2015	16/01/2016	16/02/2016	17/03/2016
	Sampling Time			13:00	15:25	13:10	13:10	11:50	16:20
Tide details		Time/Low Tide level		L-09:29 & 1.54 meter	L-10:34 & 1.63 meter	L-10:21 & 1.44 meter	H-06:00 & 5.8 meter	L-07:50 & 1.29 meter	L-15:19 & 1.62 meter
		Time/High Tide level		H-15:15 & 5.44 meter	H-16:17 & 5.20 meter	H-16:06 & 5.25 meter	H-18:42 & 5.1 meter	H-13:44 & 5.97 meter	H-22:03 & 5.26 meter
1	Temperature	oC	IS3025(P9)84Re.02	30	28	28	29	30	29
2	pH	--	IS3025(P11)83Re.02	7.86	7.94	7.92	7.94	7.89	8.22
3	Total Dissolved Solids	mg/L	IS3025(P16)84Re.02	2870	2428	2907	2730	2898	2870
4	Salinity	ppt	APHA 2520B	1.94	2.03	1.89	2.16	2.13	2.48
5	Chloride as Cl	mg/L	IS3025(P32)88Re.99	1054	1124	1019	1199	1184	1374
6	Depth of Water from Ground Level	meter	--	1.9	1.8	1.85	2.03	1.87	3.05



H. T. Shah
Lab Manager




Dr. Arun Bajpai
Lab Manager (Q)

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : October,15 To : March,16
Status of the conditions stipulated in Environment Clearance		

ANNEXURE 6

Acknowledge Copy of CC&A-Renewal Application

Forwarding & Undertaking Letter from Industry

Application for consent for establishing / operation the industrial plant / plants under Section 21 of the Air (prevention & Control of Pollution) Act, 1981

Important This Document or its copy does "NOT" serve as a Supporting Document Proof of Industry's Submission of an
Note : Application for a NOC / Consent. This Letter does "NOT" ensure that the Application FEES has been paid.

Application Purpose : MUPL is applying for CC&A-Renewal.

From : Mpsez Utilities Pvt. Ltd.(Mupl), Category: RED / LARGE
PLOT NO:SURVEY NO. 141 (PART),
survey no. 141 (part),vill mundra, survey no. 141 (part),vill mundra ,
MUNDRA - 370421
Contact Person: Shailesh Parmar, Mob:9099002003, Ph:9099002003
DIST: Kutch, TAL: Mundra, SIDC: Not In Gide

Print Date: 23/03/2016

PCB-ID : 10605
INWARD : 105409
Dt:01/03/2016

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

Scrutinized By: G.M. Sadhu, R.O Head(439)

I / We here by Submitting application for CCA ,Inward No : 105409 ,Date : 01/03/2016 for COW(CCA-Renewal).

Applying For : A,W,H Validity : 5 Years Grant By : CHR

Air Sector :10000~Large Scale Industry Water Consumption : 100.000 klpd

Haz Sector : 5000~Large & Medium Scale No of Plants : 1 Incenerator : 0

<u>Investment</u>	<u>Air</u>	<u>Water</u>	<u>Hazardous</u>
54 Crs	10000	3000	5000+2000
0 Rs	5 Years	5 Years	5 Years

Payable Fees : Air : 50000, Water : 15000, Haz : 35000, Late Fees : 0

Paid Amount : 100000, Dt: PAYMENT MADE THROUGH NGFT

Query / Reply:

Please upload, (1) Compliance report of earlier CCA, with evidence, (2) Valuation report from Govt. approved valuar (shoving cost of land, building, plant machinery & other miscellaneous expenditure) as per present market value, not as per depreciation cost, (3) Copy of project report to be submitted at the concerned authority, (4) copy of payed last 3 water cess returns, (5) Detailed copy of registration certificate of authorised all registered recyclers, as per Consent condition, [10/03/2016-439]~Your application is accepted, Please upload RTGS details & submit copy of application along with RTGS.[17/03/2016-439] *** Reply: 1. Compliance report of existing CC&A has already been uploaded in Tag u.CMP PDF.2. This is the existing project and valuation report has already been uploaded in Tag i.SSI PDF at the time of CC&A-Fresh application.3. This is the existing proejet. Project report of the same has been submitted at the time of establishment of project.4. Copy of payed last two years (2012-13 & 2013-14) water cess returns has been uploaded in Tag 0.000 PDF. We have filed water cess returns for the year 2014-15 and it will be paid within short time period.5. Copy of TSDF memebreship certificate from SEPPL, Bhachau has been uploaded in Tag d.MEM PDF. [10/03/2016]

I / We have Uploaded the following PDFs		Date	# Files	Size(kb)	#Page
1	MEM - Member of CETP / TSDF ? Certificate	10/03/16	1	1857	5
2	000 - Any Specific Information Called for [in SCRUTINY]	10/03/16	1	7058	32
3	C&A - Previous Consent-Reject / CCA Order / NOC Order	01/03/16	1	2987	29
4	CMP - Compliance of earlier CCAs - (ONLY Renewal cases)	01/03/16	1	4362	17
5	EAR - Env. Audit Compliance/Auditor Recommendations,3Pgs	04/12/15	1	0	0
6	HW3 - *** N.A Now !!! (Details of HW - 2008 rules)	11/06/11	1	583	3
7	SSI - SSI-IEM-C.A Certi / Investment Proofs	20/11/10	1	375	5
8	WAT - *** BreakUp of Water Uses & balance	13/11/10	1	91	4
9	ETP - ETP Details+Diagram	13/11/10	1	813	9
10	DIR - List of Directors / Partners	13/11/10	1	95	2
11	PLL - Plan LayOut + Site Plan	13/11/10	1	2542	8
12	INV - *** Pls ADD this file in SSI tag- Previous Cases	01/04/09	1	70	1



1 (Through XGN)

Received
Gujarat Pollution Control Board
Kutch
23-3-16

N I C

I, the applicant declare that I have submitted full and complete documents and information in conformity to the applicable acts / rules. I am aware that, any delay / rejection in the processing of application on account of incorrect / incomplete information shall be mine responsibility.



(Mr. Mukesh Saxena, VP, SEZ Operation)

Note: I am hereby enclosing Form-I(AIR),Form-D(WATER),Form-1(HAZARDOUS) along with my application.

Please Attach Copy of NEFT/RTGS Challan with this Letter if you are paying through NEFT/RTGS.

	MPSEZ Utilities Pvt. Ltd., Mundra. (CETP)	From : October,15 To : March,16
Status of the conditions stipulated in Environment Clearance		

ANNEXURE 7 **Details of CSR Activities**



Contents




- [Community Health](#)
- [Sustainable Livelihood Development](#)
- [Agriculture Initiatives](#)
- [Education](#)
- [Rural Infrastructure Development](#)
- [Adani Skill Development Centre](#)

2

Adani Foundation has pioneered several innovations under its Health Programme in Mundra, Kutch. These innovations comprise of new methodologies to address the different aspects of health needs among the most marginalized communities, especially Malnourished Children, Women and Senior Citizens.

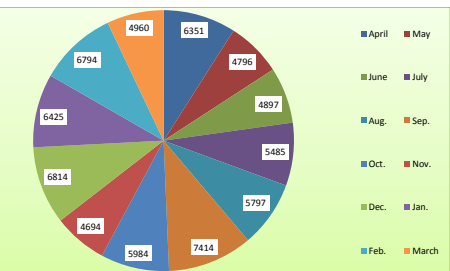
Committed to "Health for All" the Foundation runs Mobile Health Care Units, Rural Clinics, Special Innovative Projects i.e. Health Card to Senior Citizens, Fighting to Malnourishment in Mundra and Dialysis Project and Variety of Health Related Camps.



Community Health

MHCU Month wise Data- 2015/16

1	Oct.	5984
2	Nov.	4694
3	Dec.	6814
4	Jan.	6425
5	Feb.	6794
6	March	4960
Total		35671



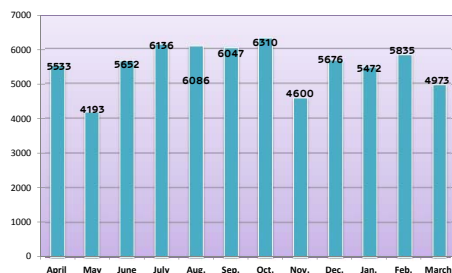
Mobile Dispensaries & Rural Clinics

The population of Mundra block is spread over various villages. Due to inadequate transportation facilities, the villagers have to face many hardships even for reaching to the doctor in case of common diseases.

The medical expenses and zero earning per day add surplus to their hardships. To help them in the above mentioned health related problems, the service of mobile medical van has been started by the Adani Foundation in Mundra block. In big villages, rural dispensaries have been started considering their population and area. The Adani Foundation runs two mobile health care units. Main objective of Mobile Van is to reduce travel time, hardships and expenses. Two mobile health care units cover 34 villages and 05 fishermen settlements. Around 113 types of general and life saving medicines are available in these units. It has turned out to be a boon for women and children as the service is availed at their door-step.

4

Village wise OPD Data-2015/16		
1	Tunda wandh	3571
2	Siracha	6207
3	Navinal	5181
4	Luni	12667
5	Vadala	5736
6	Bhadreshwar	5706
7	Nana kapaya	7728
8	Tunda	3114
9	Tuna anjar	3899
10	Vandi	4730
11	Rampar	4132
12	Tragadi Bandar	3842
Total		66513



The Adani Foundation operates Rural Dispensaries in 08 villages of Mundra block, 03 villages of Anjar block and 01 village of Mandvi block. At these dispensaries, health services are provided free of charge for two hours daily by a doctor and a volunteer.



5



Health Cards to Senior Citizens

The major junctures of human life are - childhood, adulthood and old age. The first phase is well looked after by the parents and second phase is of self-reliant but the last phase is a dependent one. The needs of old people are less looked after. When people become old, they start living a life of aloofness and solitude. Therefore, the Adani Foundation has started the Adani Health Programme for the aged to look after their health. To address the health care issues related to ageing, AF launched a 3 year long pilot project - 'Adani Vadi Swasthya Yojna' on 20th

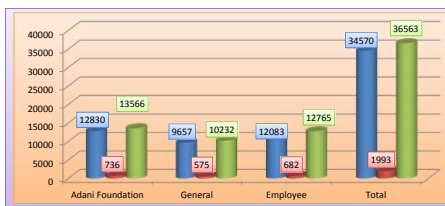
February 2011 at Mundra and further extended the same for the next three years i.e. up to 2017. Under this programme, the individuals aged 60 years and above are benefitted. Health Cards are issued to them with the purpose of providing adequate and timely treatment. The families consisting of aged ones with a yearly income of Rs. 2 lacs or more get a Blue Card. The Blue Card holders can avail diagnosis facility and treatment at a subsidized rate in the Adani hospitals, Mundra. The families with a yearly income of less than Rs. 2 lacs are issued a Green Card. Green Card holder aged people get treatment for illness in Adani hospitals, Mundra with an aid up to the limit of Rs. 50,000/- within a period of 3 years.



During the year 2015-16, total 12866 transactions were done by 7487 card holders of 66 villages of Mundra Taluka. They received cash less medical services under this project. In Green Card category, 6665 aged people got treated for various illness & diseases at Adani hospitals, Mundra with an aid up to a limit of Rs. 50,000/- within the period of 3 years. The 822 Blue Card Holders can avail diagnosis facility and treatment at a subsidized rate in the Adani hospitals, Mundra.

6

Details of Transaction		
1	Oct.	933
2	Nov.	558
3	Dec.	583
4	Jan.	615
5	Feb.	640
6	March	644
Total		6446



Support to Reduce Malnourishment in Mundra

A child's entire life is determined in large measures by the food given to him/her during his/her first five years because childhood is the period of rapid growth and development. Nutrition is one of the most influencing factors in this period. Malnutrition substantially raises the risk of infant and child deaths, and



increases the vulnerability to a variety of diseases in later life. The intervention by the Adani Foundation Mundra was initiated when it was realized that combatting malnutrition is one of the Millennium Development Goals (MDG).

The objective of this Project is to improve the nutritional status of children in the block and give health & nutrition education to the community, especially to the mothers, to reduce the mortality rate among children below 5 years because of malnutrition and improve the physical & mental health of this age group.



7

Implementation Strategy

The Project mainly focused on improving nutritional status of all the malnourished children of aged 6 months to 5 years of age. All the severely malnourished children as per ICDS data were screened by the Pediatrician of Adani hospital and underwent lab tests like hemoglobin examination, blood grouping, urine/stool test for detecting the presence of any other existing disease.

All the screened children were then provided supplementary nutrition in presence of the respective Anganwadi workers up to their proper recovery.

The supplementary nutrition was also given in the form of nutritious 'Dry fruit Laddu'. De-worming & IFA tablet and vitamin A were also given in the form of syrup.

Thereafter in the case of the child, suffering from a disease and some medical complications, is admitted and given medical treatment at Adani hospital.

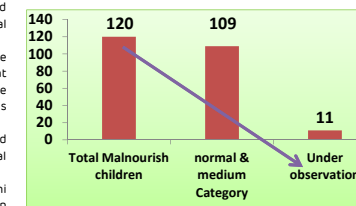
Regular and periodic follow up and medical examinations were carried out which included Lab tests and weight measurement along with general health check up by the Pediatrician and the children were treated accordingly if required. Some serious cases are referred to a pre-defined Hospital at Ahmedabad.

Venue for the medical camp was Adani Hospital Mundra and travelling expenses were reimbursed to reach Adani Hospital along with breakfast and lunch.

Adani Foundation Health Team in coordination with Adani Hospital played the pivotal role in the effective implementation and organization of Medical Camp at Adani Hospital.

Role and Responsibility of Adani Foundation

- Health Checkup camp
- Awareness activity
- Home visit
- Health related equipment provided
- Financial support provide for better treatment
- Doctor services provided (Pediatric, Gynec, Dietitian)
- AF provides Nutritional Food Support



8

Outcome of the Project

Adani foundation works with the objective that every child improves their health status and lives with a good health. We follow all processes regularly every month, it resulted that 109 children health was improved till November 2015 among 120 children under severe malnourished category. Adani Foundation is supporting remaining 11 Children with regular monthly health check up at Adani hospital and has been providing free treatment. Due to this initiative of AF, remaining 4 children out of 11 will come in normal category by the March 2016, remaining 7 children have the health problem since childhood (By birth) and there are least possibilities of improvement (i.e. Birth problem, Mental illness, Physically problem, Hereditary etc.) but still AF has been providing treatment for improvement.

Malnourish Child Health Camp		
Sr. No.	Month	Total Patient
1	Oct-15	7
2	Nov-15	8
3	Dec-15	9
4	Jan-16	7
5	Feb-16	11
6	Mar-16	6
Total		48



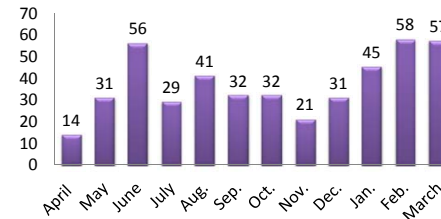
Conclusion

The vision behind the project was:

- To identify malnourished children (0-6 years), to improve their nutritional status
- To identify and treat their medical ailments.
- To provide health education and counsel the parents regarding importance of nutrition
- To increase the awareness in general population towards nutrition.

Adani Foundation has successfully achieved the goal to convert 109 children into normal category out of 120 remaining children in the year 2014-15. To make these achievements sustainable, the parents of targeted children have been convinced that they would now continuously keep watch over the nutritional status of their children to prevent any future complications.

9



Medical Supports	
1 Oct.	32
2 Nov.	21
3 Dec.	31
4 Jan.	45
5 Feb.	58
6 March	57
Total	244

Support for Medical Aid to Deprived

The scope of the organization extended up to providing best health care facilities to the needy, poor, challenged and not so well-to-do families for the treatment of illness and diseases. It is not always possible to predict the medical expenses. Moreover, those who are economically not so sound, become indebted for lifetime in case of certain illnesses. Therefore, Adani Foundation provides primary health care and financial assistance for ailments such as kidney related problems, paralysis, cancerous and tumor surgeries, neurological and heart problems, blood pressure, diabetes etc. In current month we organized two medical examination camps in which Medical Support was given to 244 People from Mundra, Bhadreswar, Zarpada, Shekhadia Nana Mota Kapaya, Bhujpur, Vadala, Wandi and other villages under our work area.



10

Camp-Year 2015-16			
Sr.no	Date	Festival Location	Total Patinets
1	15-Apr	Ganesh Mandir Mela	140
2	15-Apr	Samuh Sadi Mundra	319
3	15-May	Luni Samuha sadi	165
4	15-Jun	Ganesh Mandir Lokanpan	45
5	August-15	Sukhpar-Mundra	125
6	August-15	Bhadreswar Fishemen Camp	86
7	15-Nov	Luni Uras	52
8	15-Nov	Vishnu Maha yagya- Dharbhudi	1467
9	15-Dec	Shah Bukhari Uras-Mundra	234
10	16-Mar	Juna Bandar Camp	65
Total			2698



Health Camps

Various health camps are organized at regular intervals to meet the specific requirements of the community. Screening camps are organized regularly as per the route map planned in coordination with Adani Hospitals. During the year 2015-16, 10 speciality camps were organized and 2698 Patients were benefitted.



Urinary stone – Dialysis Treatment

Drinking water of Mundra contains high Fluoride (amount of salt). Hence, the proportion of patients with urinary stone and kidney failure is more. A project for patients who need dialysis is thus initiated so that the poor patients can receive the treatment at subsidized rates in the nearby, well-equipped hospitals. The main objective of providing dialysis treatment is to help the extremely needy patients to live a healthy life. Total 11 Patients were being supported for regular dialysis (twice in a week) during this year.

11



CALMED PROJECT- Collaborative Actions in Lowering Maternity Encounters Death

Adani Foundation has been looking after the health requirements of Mundra block for a long time. It has got a rich experience to address the preventive and curative health measures at Mundra belt. Therefore it

was assessed by the Adani Foundation team that the most burning problem of this region is to cure Maternal Health, therefore, The demand was raised from the AF staff to improve the maternal health. Looking at the strengths of AF the following role has been identified. The prime objective is to reduce maternal and new born mortality through a collaborative cascade of training, briefings, publicity and monitoring. An effective programme to reduce maternal mortality (MDG 5A) requires collective efforts by

Government, Professionals and Communities to deal with medical and administrative issues in a top down and bottoms up approach as both the approaches are important and complementing to one another. Activities proposed for this project are Selection of CHC/PHC, Training of trainers, AF involvement in Target Areas, Identification of Needs in Target Areas, Implementation-mechanism, Publicity, and Communication-A Preparing Training Materials in MCH- Funding - Reporting: The project consultant of this project will submit monthly planning to AF. Capacity building inputs are given to the AF staff so that they can help in maternal and child health situations and reduce the maternal death. Implementation Strategy of the project: Master trainers i.e. Doctors from Adani Foundation, Adani Hospitals Mundra and Gujarat Adani Institute of Medical Sciences will be identified. Co - trainers would also be selected. The Master trainers will further percolate the knowledge and skill to ANM/ ASHA for the next 3 years. Total 35 women were benefitted in the previous year.

12

Gujarat Adani Institute of Medical Sciences

Gujarat Adani Institute of Medical Science is the first Medical College of Kutch region. It started in partnership with Adani Group and Government of Gujarat in the year 2009. This college was affiliated by the Medical Council of India in the year 2014 for the MBBS with 150 seats per year. Gujarat Adani Institute of Medical Science is affiliated with the first digital university "Krantiguru Shyamji Krishna Verma Kutch University". In GAIMS, currently 750 students are studying. The GAIMS Medical College is situated in heart of Bhuj city on a large plot of 27 acres.

A teaching hospital (G K General Hospital) with 700 beds is established with GAIMS in which patients of Kutch are getting subsidized medical facilities. The Hostel facility is also available for the students in the campus only. The accommodation facility is given to the staff of GAIMS.



1

Mpw's Village Meeting			
Sr. No	Month	C.M. Meeting	MPW Meeting
1	October	43	178
2	November	26	134
3	December	29	142
4	January	24	129
5	February	38	127
6	March	13	96
Total		173	806

Death Body Van Data		
Sr. No	Month	No. of Death Body
1	October	45
2	November	64
3	December	64
4	January	56
5	February	73
6	March	72
Total		394

- Adani Foundation Team has initiated coordination with GKGH hospital since last year and established a reception area for the smooth patient coordination and preparation for the social networking programme.
- Adani Foundation organized General Health Camps and Speciality Camps in various interior villages of Kutch in coordination with GKGH which created magical impact and benefitted 3335 patients. Adani Foundation Bhuj Health team has also organized more than ten awareness camps and village level meetings at 293 villages of Kutch regarding services of GKGH.
- Dead body medical van – Dignity to death is one of the noble initiatives taken up by the Adani Foundation. If any death occurs in GKGH, dead bodies are shifted to the native village of the concerned in the Kutch District free of cost. Total 394 dead bodies privileged till now to different locations in Kutch.



1

Children : future of nation!

A two year old girl – Sherbanu could not stand independently. She was underweight, very weak and malnourished. During the survey of malnourished children by the health team of Adani Foundation, we found that in spite of very good financial condition, Sherbanu was severely malnourished child. Her father, Kadar Bhai is associated with animal husbandry business and earns handsome. Ruksana banu – her mother did not want girl child therefore she did not even give her lactation. She did not take care of her and has been working in the cattle shed. Sherbanu did not get any food which is necessary for her growth. Adani Foundation team with ICDS visited frequently and took the small, helpless and malnourished daughter in medical camp and gave her proper treatment. She was given vitamin injections and medicines along with nutritious food. Gradually, her health shown improvement and within 8 months she came out of the category of malnourished children. Her grand mother is happy with her growth and promised us to take care of her and committed to take our involvement as when required.



MHCU is really blessings for us !

Patient Tabassum baby was reported with the complaint of severe itching, scaling and bleeding from skin. Her parents approached our mobile dispensary and she has been treated successfully with utter care and proper treatment by our dedicated doctors and now she has overcome from the disease.



1



"Adani ji Bhalai Maniyu Elto Occho Aay!"

Firoza is a seven years old little angel living at Luni Bandar. Her father Ramzan bhai is taking care of his family of seven members. He is fisherman that's why his income is irregular and depends on season. Firoza had the complain of frequent nose bleeding. Ramzan bhai told this health problem to the Adani Foundation team members. Unfortunately, Firoza was diagnosed with blood cancer after series of reports at Adani Hospital. Firoza's parents were in deep grief but the AF team members supported them and gave courage to face the situation with a commitment of financial support for the complete treatment. After taking proper treatment at Adani Hospital, Firoza is now completely alright. Our eyes fill with tears when we see her dancing and playing at Bandars. Her father says with great gratitude, "Adaniji bhalai maniyu elto occho aay".



"Adani foundation aje ghadpan ni lakadi bani ne ubhu rahyu"

Mariyam banu is a widow living alone at old station road at Bhuj. She has two sons, but they both live separately from her. One day a misfortune took place and during her routine work she slipped and her leg got fractured. Her neighbours took her to the G. K. General Hospital. Immediately a decision for the surgery was taken and successful operation was done by the team of expert doctors. She was hospitalized next for 30 days but none of her son came and asked about her well being and health. When Kishor – Adani foundation team member went and asked her with sympathy she started crying hard and expressed her emotion by saying "Mara saga dikrao kyarey mari puchha karva nathi aavya pan foundation aje maro dikro banine puchhe chhe k BAA, TAMANE KEM CHHE?"



1



"Women Health Awareness Seminar"

We organised a seminar on "Woman Health Awareness and World Population Day" in collaboration with ICDS and Taluka Health Office. We tried to create awareness regarding women health and importance of population control through this programme. More than 350 women participated and facilitated.

"Blood donation camp"

On the birthday of our Chairman Shri Gautam bhai Adani a remarkable blood donation drive was conducted. People actively participated and total 1388 units blood were collected from the Mundra.



1

Empowering lives and broadening their scope for economic opportunities, Adani Foundation's initiatives introduced under 'Sustainable Livelihood Development Program', have been founded on community based approaches.

Under this programme, we associated ourself with Fisherman community, Farmers and Women groups.

Adani Ports and SEZ Limited started its business in 1996. When APSEZ started port operations, fishing community was found deprived and in a perpetual state of poverty. They were living a scattered life. Unavailability of roads, pure drinking water and unhygienic living conditions had made their lives tragic and miserable. We thought we could not achieve our goal of development unless and until we support them to uplift the living standard of the people of this community. After inception of CSR arm of the Adani Group - Adani Foundation in 1996, a strategy based on priorities and continuous and comprehensive socio-economic development and reforms for the fishing community was planned.

With the Foremost objective to improve living standards of Fisher-folk, Adani Foundation protracted support in Education, Health, Sustainable Livelihood and Rural Infrastructure Development Sectors.



SUSTAINABLE LIVELIHOOD DEVELOPMENT PROGRAM

2

Education

Education is one of the most important stepping stones to bring about a unified development in any community. The Adani Foundation, through its rigorous surveys and assessments, could understand that it was education which should be taken up to bring about a real change in the status of the fisher folk communities. Following are some of the major education initiatives taken up by the foundation:



Balvadi		
Sr.	Village & Bandar	Children
1	Juna bandar	47
2	Luni	32
3	Zapara-Chhacha	32
4	Bavadi bandar	33
Total		144

Vidya Deep Yojana

A great amount of efforts were put in developing school preparedness programmes by empowering 'Balwadis' at Fisher folk settlements. Under the Machhimar Vidya Deep Yojana, Adani Foundation constructed four Balwadis for kids between the age group of 2.5 years to 5 years at different settlements. The programme is inclusive of nutritious food, awareness on health, hygiene, cleanliness, discipline, regularity and development of basic age appropriate concepts.

1

Vidya Sahay Yojana – Scholarship Support

The chief objective behind all the facilities provided to the fisher-folk is to promote education.

- Educational tours are organized for children.
- Special attention was given to girl child education.

We facilitate transport provision to students from standard 6th to 8th studying in nearby villages. Bicycles are distributed for students who have got enrolled for higher education.

Scholarships are given to the students of ITI, Diploma Engineering or Degree Engineering Students.

280 male fishermen and 58 female were inspired by the exposure visits to Adani Ports SEZ, Adani Power Ltd. and Adani Wilmar Ltd. (Edible oil refinery).



2



Machhimar Arogya Yojana

A healthy person can work well and earn for his family. Hence it is necessary to provide medical facilities to cure and prevent them and to provide them the treatment of diseases prevailing among the people specially women; children and elderly person, especially due the lack of balanced nutritious diet.

Mobile Health Care Unit - the mobile dispensaries have been run by the Adani Foundation since 2009. The mobile dispensary is available not only in the Vasahats/Settlements but also near the coast where the fishermen, can avail the facilities as and when needed. Total average 7474 fishermen were benefited by Mobile Dispensary every year.



1. Apart from this, a number of subsidiary initiatives such as health awareness camps, medical check-ups, etc. are conducted by the Adani Foundation at frequent intervals, to provide the fisher folk community with the much needed and required information and assistance.

2. Medical Financial Support - Adani Foundation has extended financial assistance to more than 413 financially challenged patients from the Fisher Folk Community in case of medical urgency during this year.



3. Health Card for Senior Citizen Project - This is one of the major and prominent and the most innovative project of the Adani Foundation. Under this scheme Health Cards were given to the to Senior Poverty Stricken Citizens to provide them financial support to combat with their health related needs. The project for the senior citizens is popularly known as Vadil Swasthya Yojana and till date 280 senior citizens from fisher folk community are enrolled in the scheme. They are getting cash less medical services upto Rs. 50,000 for three years. Besides this, follow up with the card holders is a regular activity. It has been observed that card holders treat the card as an important document. Most of them keep these cards in their wallets with other important documents and cards.

2



Machhimar Kaushalya Vardhan Yojana

Apart from providing formal education, special programmes were conducted to enhance youth employability. Based on the need of assessment, a number of trades were introduced by the Adani Skill Development Centre in Mundra, where the fisher folk youth could join and get vocational training for a number of technical and non-technical skills. Adani Foundation spent Rs. 32.60 Lacs till date for the same, including construction of training center at Vasahat. The uniqueness of the vocational trainings was that they included practical sessions and simulation activities.

Sr. No.	Course Name	No of Students
1	IT - Basic Computer	39
2	Tally ERP9	8
3	Checker	4
4	Checker Cum RTG Crane Operator	9
Total		60



Machhimar Shudhh Jal Yojana

This scheme of providing potable water has helped in reducing the drudgery of women and contributed largely towards general wellbeing. Water tank platforms have been constructed and tanks have been set up in order to provide clean potable drinking water to the community. Daily 85000 Litres of water is supplied at different settlements.

Potable Water			
Sr.	Vasahat	Total liters/ day	Total HH
1	Juna Bandar	23000	141
2	Luni Bandar	15000	110
3	Zarpura*	5000	30
4	Bavadi Bandar	12000	88
5	Veera Bandar	10000	66
6	Ghavarvaro Bandar	5000	40
7	Kutdi Bandar	15000	121
Total		85,000	596



2

Machhimar Awas Yojana

Fishermen stay at vasahat/settlement at sea shore in gunny bag shanties in hot sun, wild winds and harsh winters. Participatory and consultative process with residents helped in choosing a special design of foldable housing. At Bandar, a project titled 'Home Sweet Home' made it possible to provide appropriate shelters for the fishermen who reside near the coastline throughout the year except the rainy season. Shelters, equipped with basic facilities such as toilet and pure drinking water, have been constructed for staying during season of fishing and to provide a healthy and hygienic residence. Total 140 shelters have already been handed over to fishermen families at Juna Bandar and 110 shelters are being made at Luni Bandar with the facility of electricity as an added advantage.



Machhimar Sadhan Sahay Yojana

Fishing material was also provided by the Adani Foundation at Mundra as per the requests of Pagadiya fishermen. Fishing nets, ropes, buoys, ice boxes, crates, weighing scales, anchors, solar lights etc. were also provided according to their needs.

Sr	Village / Bandar	Year 2015-16
1	Shekhadia	6
2	Bavdi Bandar, Bhadreswar, Radh Bandar, Sanghad	43
3	Wandi	3
4	Kutadi	18
5	Tragadi	5
Total		75

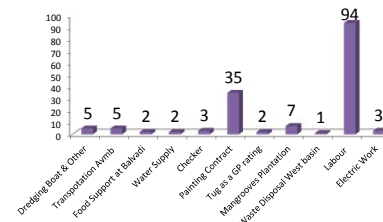
Toilet Block		
Sr.	Village & Bandar	Qty
2	Luni	38
4	Navinal	30
Total		68

Sughad Yojana

Toilets for men and women are constructed at all three Vasahats. Infrastructure was accompanied with continuous awareness campaign on hygiene, sanitation and use of toilets in particular.



2



Machhimar Ajivika Uparjan Yojana

During the non-fishing months, the fishermen under unusual circumstances are required to be benefitted with some alternate economic activity to help them to sustain economically. Under such cases due to the paucity of their available funds and resources, it became extremely difficult for the majority of them to survive. Looking at the miseries of the fishing folk the Foundation introduced 'Mangrove Plantation' in the area as a means of alternate income generating activity for the fisher folk community during the non-fishing months. Both men and women from the communities received trainings on Cheriya Plantation, moss cleaning etc. required for Mangrove Plantation. The program again was developed holistically, where focus was not only given on income generation but this initiative was seen as an important means to ensure environment sustainability. From July 2015 to Dec 2015, 3861 man-days employment was provided by the Adani Foundation. In addition to the given employment, more than 25000 man-days employment has been provided till date. We have supported 42 Pagadiya Fishermen as painting labourers & 7020 man-days employment was provided to them.



2



Bandar Svachhata Yojana

A cleanliness drive was initiated by the Adani Foundation recently at Juna Bandar, Mundra, a port town in Kutch region of Gujarat. Juna Bandar is a temporary habitat of fisher folk community, where the families of fishermen live for around 8 months a year. Having a clean and hygienic living environment is the utmost important requirement for the health and profession of the fishing folk. To provide them with both - health and profession is quite challenging.

The cleanliness drive envisaged by the Adani Foundation was quite comprehensive, including all aspects pertaining to clean and hygienic living. Several activities were carried out during the day that marked the uniqueness of this drive.

The main essence of this drive was to promote clean and hygienic behavioral practices. This Drive will not be limited for one day, it will continue for a long time to develop habit.



The International Coastal Clean-up Day

The International Coastal Clean-up is one of the largest volunteer efforts in the world dedicated to the health of our oceans. Every year, 20th September is dedicated to this noble cause of cleaning our beaches / shorelines impounded with lots of waste material which is considered non-biodegradable in nature and considered hazardous to the ocean health. Indian Coast Guard had been associated with this international event in India and has been organizing clean-up drive for our beaches once in a year to represent its concern for the overall ocean health and generating awareness among public. Coast Guard Authority being in Mundra would be organizing a clean-up operation in coordination with Adani Foundation.

Adani Foundation gives momentum to "Swachh Bharat" movement at Juna Bandar, Mundra with Fisher folk community.



Fisherman Cricket league

Every year Seven days cricket tournament 'Adani Premiere League' has been organized for fishermen community to promote healthy sports and build up good relations with youth. More than 16 Teams of Fishermen are participating mainly from villages like Zarpara, Navinal, Shekhadia, Luni and Bhadreswar & Vandi (Tuna). Winners are awarded with a Trophy and Prize and all other participants are also awarded with consolation prizes.



Fisherman Cycle Marathon

With the foremost objective to improve living standards among fisher folk, Adani Foundation protracted support in Education, Health, Sustainable Livelihood and Rural Infrastructure Development Sectors, Adani Foundation organized Cycle Marathon for Fisherman.

The main objective of event is to bridge the Gap between Fisherman Community and Adani group. It is to generate Trust among Fishermen about the welfare activities of Adani Foundation to support and uplift the Fishermen community. This year, we invited Mr. R. K. Singh (Indian Coast Guard) and Mr. K. B. Zala (P.S.I.-Marin Police) as our guests to create awareness among the Fishermen for Safety and Security of our nation. They also motivated the Participants and further congratulated the Winners who Secured First 3 Positions respectively. On this occasion Mr. Mukesh Saxena (Head, Adani Foundation) conveyed his regards to all fishermen and thanked them for their active support and participation in the activity conducted by the Adani foundation.

Pandhe Lodhiyo jo Medavo

With the objective to generate social awareness and social mobilization among Pagadiya fisherman community, to spread the message of importance of Education, to spread the message of importance of health and hygiene and to generate awareness of alternate livelihood training, skill development for youth and enhance their economic wellbeing, different schemes of Adani Foundation for each core area are being shared by team members.



"Halo Sapana na Vavetar Kariye!!!"

Adani Foundation believes that, "The children of today will shape the future of tomorrow" and "We should always give a chance and support to educate girl child".

One Girl Nazma Manjaliya residing in village Luni was very eager to study. She got very good result in high school but due to financially weak condition she could not go for higher studies. After that, her family member stopped her for further studies. AF Team Member convinced her father to allow her to study and informed him regarding scholarship scheme. Her Father was impressed by this scheme and he permitted Nazma to study. Today she is studying in college and simultaneously working in our Balvadi as a teacher. Thus, by this scheme this passionate girl can find pathways for bright future.

Nazma and her parents say, "Adani Foundation has brightened up our future."

"Balvadi at Bandar : Singing Sea Birds"

The Girl named Amina is 3 years old. She lives at Zarpara Bandar with her Family. She was living in unhygienic and unhealthy condition. Due to this condition she used to fall sick frequently. After joining Balvadi, she learned the importance of hygiene and started to remain clean. By nutritious food given in Adani Balvadi, she could keep herself healthy. Moreover, she learned to speak English Alphabets and now she sings poems and songs with full enthusiasm.

Her parents expressed their gratitude to foundation in the words "Adani e Amari dikri ni jindagi sudhari didhi".



Together we can and we will make a difference !

With support from the Adani Foundation the fisher folk got the painting work inside as well as outside the Adani Port and turned their off-season non-productive days into productive days. With the time their debts have decreased and hence quality of life has improved.

During informal meetings with the community leaders, the foundation team thought that these people could be given painting work inside the port. There is a contractor named Talab bhai who is also a fisherman. Talab bhai hired local fishermen cum labourers. The Foundation Team decided to discuss with the community give them the contract. Thus a fisherman became a contractor and generated income for himself and his community. He has purchased his own tempo to transfer labourers from one place to another. This is really an achievement for the Adani Foundation creating alternate livelihood opportunity.



Adani Foundation puts efforts in Mundra block for consistent betterment in livelihood sector. The organization has carried out remarkable activities in the agricultural and animal husbandry sectors.

Drive for Technology to use in agriculture

- We have initiated Programme for Awareness of Farmers in collaboration with KVK. The outreach is approximate 30 farmers of 5 villages
- The purpose of this project is to initiate village wise integrated agricultural & allied development for sustaining agriculture and socio economic situation of farming community of Mundra block.

Agriculture Programme		
Sr.no	Village Name	Member
1	Zarapara	21
2	Zarapara	15
3	Siracha-	12
4	Navinal	10
Total		58



Agriculture & Animal Husbandry

Food for cattle

The organization provides fodder during the time of scarcity and the last 3 months of summer every year. During this period, fodder is regularly sent to every village with the help of the local people. This has given stability to the families who earn their livelihood through animal husbandry.

In order to meet the demand of fodder, the Adani Foundation purchases it from the regional farmers. This gives them fair rates in return. This year we have given 74,356 mann fodder worth Rs. 127.00 Lacs approximately.



Tree plantation programme

A Tree Plantation programme was run in Tunda, Baroi, Mundra and Pragapar. Total 2600 Trees of Gulmohar, Neem, Pipal, Ashoka and other Flower plants were planted at various locations like temples, Anganwadi, Schools, Crematorium. These are the places where these newly planted trees can easily be taken care by students, teachers and other villagers.



3

Beti Vadhavo Abhiyan



Beti Vadhavo programme was organized in 24 Villages in the presence of Village Sarpanch and other leaders. We explained people about the various topics i.e. importance of girl child, Sex Ratio, Gender Equality and laws regarding Child abortion. This initiative was well accepted by community and we have observed a visible change in their mindset. We have facilitated 260 daughters with Kit (Small Bed sheet, Mosquito net, Soap and Cream with nutritious food for mother)



The objective of this Project

- Encouraging corporate leadership capacity with the quality to ascertain gender equality
- Encouraging adequate respect and support for human rights and non-discrimination and in consequence treating men and women equally at workplaces
- Making sure that all men and women workers are provided with equal facilities in terms of their overall welfare and safety at workplaces
- Encouraging women to develop entrepreneurial skills, which in turn, would make them self-dependent
- Advocating the promotion of gender equality within a community

Women's Empowerment Programme			
Sr. no	Village Name	Group Name	Presents Member
1	Kandagara	Jay Mekaran Saheli group	20
2	Siracha-1	Vandan Saheli SHG	11
3	Siracha-2	Shree matiya dev Saheli group	10
4	Sekhadiya	Jay Sonal Saheli Group	13
5	Baroi	Adhar Saheli group	18
6	Navinal	Vishavas Saheli Group	20
7	Sadau	Akta Saheli Group	15
Total			107

3

Women Empowerment Projects

- In Kutch, the situation of women is miserable. Women are totally dependent on male members of family for their needs. Consumption of liquor is one of the main culprits in Kutch. Due to this evil prevalent among men many women are suffering.
- Considering this situation, We have started our training programme with two major women's group of Villages near Adani Power and Adani Ports. Both the groups of women (60 women in total) successfully completed their training for preparing washing powder, phenyl, liquid for cleaning utensils and hand wash etc.



- We have selected 6 women groups having 10 members each, as per their ability for different work i.e. accounting, banking, leadership, marketing, administration etc.
- As a further step to bring sustainability, we thought to start a shop "Saheli Mahila Gruh Udyog" at Shantivan Colony after discussion with the Administrative Department of Ports and Power regarding the supply of the material, rate etc.
- Our pilot project is preparing Washing Powder and Phenyl. We are planning to start Home Made Products after discussion with HOD and Random groups of ladies in colonies and villages.

3

Implementation Strategy

We have received a proposal from VRTI for Women Empowerment Projects. They are linked with more than 5000 women groups of Mandvi, Mundra, Naliya and Rapar. As per discussion they will work on Self Help groups in three phases in three years.

- First Phase : Planning, Skill Development, understanding Finance Management, Women Empowerment, Capacity Building which includes formation of strong base and groups, connection with targeted women and train them so that they can start their own Gruh Udyog. Skill Raising Training will be regarding handicrafts, food items and other house hold items.

- Second Phase: Implementation provision of rotating fund, setting up of business and continuous guidance and capacity building, solving teething trouble in startup business, providing training for branding and marketing.
- Third Phase: Monitoring, Fund Guidance and Management of Fund Rotation.



Coordination with Government for Widow and Senior Citizen Scheme

- We are playing the role of facilitator in case of tie up with Government Scheme for Widows, Senior Citizens and Handicapped people.
- The identity cards are issued to two persons for the handicapped in coordination with Bhuj Samaj Suraksha Khata for regular visit and follow up.
- Last year, 47 widows and 38 Senior citizens and 121 handicapped - total 206 members got benefitted from the approval of pension certificate. The financial benefit of the senior citizen yojana is Rs. 400 per month and the widow scheme is of Rs. 900 per month.

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ધુપરજી બનીને સદાસી ફાઉન્ડેશન મારા જીવન માં સુવાસ સાચી !

કેમ છો ? મજામાં ! હું ગુલાબચંચ , કાંડાગરા ગામનો વતની , મારી જાંબો એ કાવજની તારીએ કુલ ૬૦૦ દિવાળી સો જોઈ સુકી છે. કાંડાગરા ગામના સીમાડે આવેલા ઘેઘુર વડ ની છાયામાં મારી ચાની કેનીન છે. છેલ્લા ઘણા વર્ષો થી વેઠેલો આવી અને મારા કામે લાગી જાઉં છું .

સાચી પાતળી આવક માં ગુજરાલ ચાલે જાય છે. ઇશ્વરે કદાચ મને પોતાની વધુ નજીક રાખવા ધાર્યો હતો એટલે હું દિવ્યાંગ છું. હું મારા માટે સ્વયં જીવન વાપરતો નથી. પંડુતાના કારણે મારાં જીવન ખુબ જ મોડા થયા અને કઠુણતા કહો તો બાળકો થવા માં પણ વિઠળ થયો . સંતાન માં સારું મારે ૧૧ વર્ષ નો પુત્ર અને ૮ વર્ષ ની દિકરી છે. મારી ઉંમર ઘણી મોટી છે અને મારા બાળકો નાના છે અટકે મારે આ ઉંમરે પણ કમાવવું પડે છે. કાવજી દોડ વર્ષ પહેલાં હું સ્ટાપર લાકડી ના ટેકે ચાલતો અને ઘણી વાર તો ચાલતા ચાલતા પડી જતો હતો . વળી ક્યારેક કોઈ બેલા આદમી નો સ્કારો લઈ મુશકેલી વેડી ને ઘરે થી નીકળી મારી ચાની કેનીન સુધી જતો.

અને એક દિવસ સુર્યાદેવી સાથે મારા જીવન માં પણ સુર્ય ઉગ્યો. સદાસી ફાઉન્ડેશનના ના કાર્યકર કર્ણભાઈ સા પીવા સોજા અને ખરા બપોરે ઓપન બેસી વાતે વળગ્યા . મારી જાવડીની જાણ્યા પછી તેઓ એ સરકાર ની દિવ્યાંગ યોજના વિષે જણાવ્યું અને મદદ કરવા વચન આપ્યું. પણ કહે છે ને "કુદરતે રૂઢે ત્યારે કાંઈ ન છુટે" સરકાર શ્રી ના નિયમ મુજબ ૫૦ વર્ષ ની આયુ બાદ ટ્રાંસીકલ આપવામાં આવતી નથી. સદાસીફાઉન્ડેશન દ્વારા એક સુખ દિવસે મને ત્રણપેડા વાળી સાયકલ આપવામાં આવી. ત્રણપેડા વાળી સાયકલે મારા જીવનનો સંઘર્ષ ઘણો જ ઠગવો કરી નાખ્યો. સારું કોઈનો પણ આધાર રાખ્યા વગર દુઘ બરીટી ને સવાર નાં વહેલા હું મારી કેનીન ચાલુ કરી દઉં છું.

સરે ! જરૂર મારી વિતક અહીં જ પુરી નથી થતી. સદાસી ફાઉન્ડેશન ના કાર્યકર કર્ણભાઈ એ જણાવ્યું કે ૬૦ વર્ષ મોટી ઉંમર ના અને જેના બાળકો ૨૧ વર્ષ થી નાના ઠોચ એવા વડીલો માટે નિરાધાર વૃદ્ધ પેન્શન યોજના નુ લાભ તમને મળી શકે અને આ યોજના નુ અમારા પતિ -પત્નિ નુ ભરી અને પાંસ કરવી પણ આપવા . સારું દર મહિને સરકાર દ્વારા અમને ૮૦૦ રૂપિયા પેન્શન મળી રહ્યું છે.

ધુપરજી ની જેમ સદાસી ફાઉન્ડેશને પોતાના કાર્યો દ્વારા મારા જીવન માં મહેક ફેલાવી છે તે માટે આભાર નાં શબ્દો સોછા પડશે પણ હું આભારી વરર આપીશ કે આવા સકાર્ય કરવા માટે સદાસી ફાઉન્ડેશન ને ઇશ્વર જોમ, જુસ્સો અને વિશ્વાસ અર્પણ કરે.



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Education Initiative of Adani Foundation signed an MoU with Maa Foundation, Vapi and adopted four major projects from them. The list of the projects upto October 2014-15 was:

Under M-KEN project, the Adani Foundation worked in 27 schools in the year of 2015-16. During this year, the project received massive support from students, teachers and villagers. After the end of one year, students who were weak in reading and writing, started reading and writing. Meetings with Parents were arranged at specific intervals, because of which the ratio of students remaining absent went down. Role model activity helped to raise their moral values. Thus, during the year, 27 schools completed the project successfully and we got good results at the end of year.

The M-KEN Project has benefitted 7582 students in 27 Government Schools through its various activities throughout the year.



Education

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Disha Project :

Disha as the name suggests is showing directions. With the help of psychometric test, Project Disha helps students to identify their inner strength, ability, skills and areas of their interest. Along with the career talk, it also suggests the suitable career for each one of the students. It also provides valuable information about different career options available under different streams of education and future opportunity available after pursuing the course.

The Disha Project has benefitted 2797 students in 21 Government schools through its various activities throughout the year

Science & Maths on Wheel

Science and Mathematics are complementary to each other. They seem tough but become easy with right approach and logical thinking. Learning of Mathematics and science can be a lot of fun if related to day - today activities. Science and Mathematics can be popularized among children through fun filled activities.



To fulfill the vision, Adani Foundation-Education initiative adopted a project called "Science on Wheels and Maths Fair" from "Maa" Foundation and got implemented in the month of November, previous year. The objective of this project is to take Science and Maths in a fun and friendly manner to the primary schools. The van filled with science models goes to the primary school and stays there for a day.

This Project has benefitted 2524 students in 35 Government schools through its various activities throughout the year.

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Parvarish Project

Parvarish Project equips students with essential soft and social skills required to succeed in the workplace and for cultivating interpersonal skills. It also provides them with good human qualities required to live a happy life.

This five day long residential camp's objective is to develop the personality of the students so that when they go in the outer world they can face the competition and sustain themselves.

This Project has benefitted 300 students in 16 Government schools through its various activities throughout the year.



Other Activities

Projects with MAA Foundation were implemented upto October 2015. After completion of these projects it was necessary to remain in touch with schools through various activities. We organized various competitions and sessions of Mind Power.



3

Other activities organized throughout the year

No	School Name	Village	Activity- Competition	Participants
1	KGBV	Desalpar	Essay, Elocution, Drawing	80
2	Kumar Shala	Zarpapa	Essay	78
3	Kumar Shala	Mota Kapaya	Drawing	67
4	Anand Wadi	Desalpar	Essay	57
5	Darbari	Bhujpur	Essay	63
6	Vagher Vas	Bhadreshwar	Essay, Handwriting	72
7	Bavadi Bandar	Bhadreshwar	Handwriting	22
8	Juna Bandar	Old Port	Handwriting	84
9	Govt School	Navinal	Essay	63
10	High school (4)	Desalpar, Gundala, Bhujpur	Goal setting and Min power workshop	270



Project UDAAN for Kutchh

Mundra has created a position for itself by creating capacities in Port Handling, Edible Oil Refining and Power Generation. With a vision to familiarize, educate and inspire the future generation to become successful business leader, engineers, managers and other professionals, the Adani Foundation organizes Education Exposure visits to Mundra for High schools and educational institutes in Ahmedabad and Kutch Districts. From this year, we have started charging nominal fees to make the project sustainable. Details of visits made by various institutes of Kutch is listed below along with the revenue generated.



3

Details of visitor institute under UDAAN Project			
Sr. No	School Name & Address	Visitors	fees
1	GMDC College Nakhtrana	107	16050
2	Veerayatan Institute, Haripar -Mandavi	215	32250
3	Industrial Training Institute, Anjar	150	free
4	Industrial Training Institute, Bhuj	380	free
5	Industrial Training Institute, Mandvi	210	free
6	Industrial Training Institute, Gadhidham	364	free
7	T.D. Valanin Girls High School, Nakhtrana	589	44175
8	M.A. Jadeja High School, Manjal - Nakhtrana	57	4275
9	Jakhho Govt. High School - Abdasa	49	free
10	P.B.K Vidyalay, Kotda - Nakhtrana	307	23025
11	K. S. Patel High School, Ravapar - Nakhtrana	156	13875
12	Sant Khetabapa High School, Vithon	160	12000
13	Devisar Govt. High School, Nakhtrana	47	Free
14	G.M.D.C. College, Nakhtrana	56	8400
15	K.V. Govt. High School, Nakhtrana	629	Free
16	Desalapr Govt. High School, Nakhtrana	44	free
17	Naredi Govt. High School - Abdasa	54	free
18	T.D. Valanin Girls High School, Nakhtrana	161	12075
19	Government School, Mathal	41	Free
20	Industrial Training Institute, Mundra	250	free
21	Industrial Training Institute, Nakhtrana	101	free
22	Government Engineering college Bhuj	160	free
23	Government Polytechnic college Bhuj	106	free
24	Dhanvantry College Surat	48	7200
25	S.R. Patel Engineering college Uja	54	8100
26	Government School Dumara	53	free
	Total	4548	166125



3



In the Year 2015-16, Adani Vidya Mandir became a school having classes from 1st to 9th with total strength of 379 students. Right now 111 students are coming from Fisher folk communities.

Additional Coaching for new enrolled students was structured upto 17th May, 2015. Main objective is to make the new students cope up with new syllabus. Remedial Teaching has been started for Mathematics and Science subject. In addition to quality education, we focus on overall health, co-curricular activities and sports related events.

The Annual Day Celebration was held on March 5, 2016. Shri Ramesh bhai Sanghavi was the special guest for the occasion. It was witnessed by around 750 parents, village leaders and teachers of other government schools.



Adani Vidya Mandir, a unique Gujarati medium school was started in June 2012 at Bhadreshwar village of Mundra Taluka. The objective behind setting up this school is to provide free education to children of fishermen and economically challenged families. The foundation provides nutritious food to the pupils including breakfast, lunch and snacks every day. Special care is taken to provide high quality education and overall development of children. The children are groomed to go back to their families and communities and be the agents to change.

**Adani Vidya Mandir,
Bhadreshwar**

Building a strong community relationship is the key to progress of Adani Foundation. The programs such as Education, Health and Sustainable livelihood development play a very important role in building this strong relationship with the community. These three programs are incomplete without the inclusion of the Rural Infrastructure Development program.

It is important to build new structures. It is equally important to maintain these with ease and regularity. Adani Foundation has designed, planned and built a strong infrastructure for the betterment of education, community health, agriculture and living standards, all initiatives were fulfilled according to the official requests and demands of people of the community and the Gram Panchayat.

Under this core area, the Projects undertaken including construction of various infrastructures in villages as per requirements.



RURAL INFRASTRUCTURE DEVELOPMENT



Water Conservation

Projects: Being situated in the coastal region, Kutch District has issues of safe drinking water. In Kutch, there is scarcity of potable water. Moreover, the water contains high level of TDS. High TDS is the root cause of bone and kidney diseases. In almost all villages of Mundra Taluka, people use ground water for drinking purpose. To deal with this situation, Adani foundation has initiated to construct check dams and pond deepening works.

This year Adani foundation carried out pond deepening in Kandagra village and constructed earthen bund construction across the river at Tunda Wandh village.

Drinking Water Related

Projects: Potable drinking water is basic requirement of any village. For better health and hygiene of village drinking water should be clean and pure. So, this project will create positive and

effective social impact. Adani Foundation has installed RO Plant at primary school at Tunda Wandh. It has also constructed an overhead water tank at Modhava village.

4

Education Related Projects:

Education is the most powerful weapon which you can use to change the world." To improve the quality of education and to improve school environment, the Adani Foundation supports for infrastructure development on request basis. Adani Foundation carries out the construction of assembly hall, classrooms, computer labs, space for midday meal, playground, school walls, washrooms etc. as per the needs and preferences of the school. It is aimed at providing facilities in education sector to the present generation.



We have constructed Community Hall and four classrooms at Adani DAV public school, Nana Kapaya. We have constructed toilets and security cabin at Adani Vidya Mandir at Bhadreshwar.

Health Related Projects: The proposed work was related to our major core area – health. Adani Foundation has constructed medical center at Tragadi, and individual toilets at Dhrub, Luni Badar and Navinal village.



4



Adani Foundation has also constructed platforms for drinking water, solar light, space for drying fish, etc. The construction of temporary residence of fishermen in order to provide them healthy lifestyle is being looked under the Fisherman Housing Programme by the Adani Foundation. In 2015-16, Adani Foundation constructed 1600 Ntr approach road for Pagadiya fisherman of Shekhadia. Sand filling was done at Old Bandar and Luni Bandar. We have constructed a Training Center at Luni bandar itself for various training programmes.



Fisherman Related Projects: The primary objective of Adani Foundation is the development of the marginalized section of the region. The welfare of the Fisher Folk Community is of prime importance. In order to raise the standard of living of the fisherman community, Adani Foundation is active in providing good roads to reach ports and other remote corners of the Dist.. Kutch

Other Projects: Some Projects we took up to fulfill the demands of communities. We have completed Atithi Bhavan construction at Tunda Wandh, Sai Suthar Samajwadi at Mundra, Construction of Madresa room at Luni etc.



4

Affordable Housing competition

In August 2014, We have organized Model Making Competition among students of technical branch of Kutch District. The three Winners of the Competition constructed replica of their model at Nana Kapaya, Baroi and Gundala Village, which will be used as medical centre at Gundala and Nana Kapaya and as a residence for the poorest of poor at Baroi Village.

"We are glad to share that the students have learnt the practical, economical and soft approach of civil engineering. This learning would play crucial role in building their knowledge and confidence as a professional. Use of local resources is the need of the hour; we must realize the importance of our future generation and give them immense support to grow."



4

Adani Skill Development Centre (ASDC) is playing a pivotal role in implementing sustainable development in the state.

Several miscellaneous industries exist in Kutch district. Adani Skill Development Centre has started a centre in Mundra block so that the needs of these industries are fulfilled, the local youth is enrolled in various training / skill courses and the distance between the both is minimized.

The objective of this center is to impart different kinds of training to the students of 10th, 12th, college or ITI from surrounding areas. Thus, various employment-oriented trainings are organized to optimize the skills, art and knowledge through proper guidance and direction.

Due to social and cultural traditions, various training programmes are organized at school or village level for youth and women so that they can gain the benefits in the future as well.

Adani Skill Development Centre provides opportunities to the young people to become self-reliant, responsible and active citizens.



Adani Skill Development Centre

ASDC is proud that along with generating employment, it has also been a source of inspiration for entrepreneurship.

Vision:

To systematize the skill development efforts in the Nation and create an environment where youth and women not only get some vocational training but also gets some gainful employment, entrepreneurship and self-respect.

Objective:

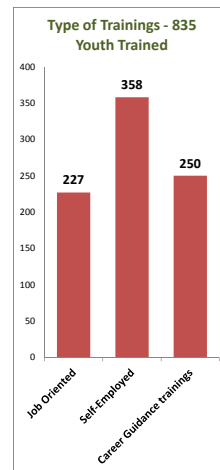
- Bridge the wide gap in demand & supply of human power.
- Awareness regarding availability, needs and vision for career development and education.
- Facilitation, spreading awareness, creating new opportunity to upgrade skills through organizing various skill trainings in the region.
- To improve overall status of rural Youth and women in the society by enhancing confidence and entrepreneurship in them.

- Encouraging youth for participatory approach in social and economic activity and helping them to keep away from addictions, to become self-dependent, and empower them to live a dignified life.
- To build a feeling of harmony in the society by creating a rapport of goodwill, mutual trust and respect.

Skill development trainings administered by ASDC

Each training module of ASDC is well-designed to make the learning more effective. Hands on experiment is the key factor to enhance learning in all the courses offered by ASDC.

All the trainings are offered at either ASDC centre, Port, Power plant, or at specific villages depending on the need of the module and the students. Certificate for each course is given by ASDC or by partner institute.



4

IT- Basic Computer

Word, Excel, Power Point, Internet, Web Browser detail

Tally ERP 9

Basic Accounts, Voucher Entry, Ledgers, Group Creation, VAT, TDS, Service tax, Excise etc. is taught for 60 days to benefit students of class XII and above having commerce background.

Spoken English

Grammar, Tenses, Vowels, Articles, Prepositions, Phonetics, Tenses, Communication Skills etc. are offered especially for students and working people. The duration for this course is of 60 days.

Auto mobile Assistance

The training given here is regarding Units and Dimensions, Measuring & Marketing (Preparation of jobs for dismantling and assembly of components), Inspection, Preventive etc. and repair of bearing, gearbox, couplings, and TPM, Condition Monitoring, Kaizen.

O&M of Coal Handling System at Ports

This module includes Induction at Port + First Aid + Safety training, GSU (Grab Ship unloaded) Crane Theory training, GSU Crane Simulator training, Commercial Documentation O & M of coal handling Activities, Stacker Reclaimer Theory training, Silo Theory Training, Conveyor Theory Training, On Job Training conveyor.

Checker cum RTG Crane Operator

In this programme students get training regarding Safe Operating Practices, RTG Controls and Functions, Pre-Operational and Operational Checks, Driving, Hoisting and Lowering Loads, Operations - Transferring Loads for three months.



Mechanical & Electrical work of Container Terminal

This programme includes training of Crane Operation & maintenance for two months and the minimum qualification for this is ITI Fitter & Electrical.

• **Stitching & Bagging Machine Operator**

The training includes teaching of stitching and bagging operation in FCC 7 plant. It is for 1 Month and the min. qualification required is 10 Pass.

• **Checker**

Students get basic induction on Safety, Fire, First Aid, Security, CT, Export Import Procedures, Identification of containers, Container construction, Hazardous classification & Symbols, Role of yard checker, Role of deck checker, Role of Wharf checker, Bay Plan, Awareness of RDT, Custom Seal.

• **Vocational training for 9th and 10th std students**

1. Basics of Agriculture and Animal Husbandry, 2. Workshop and Engineering, 3. Energy and Environment, 4. Food Processing, Personal Health and Hygiene.

- Light Motor Vehicle
- Mobile Repairing



• **LED Bulb Assembly**

- **Courses for Females**
Beauty Parlour, Tailoring, Mud work, Thread work, Glass Painting, Fabric work each Basic Embroidery work etc.



"Project Swaadheen"-

We gave this name as it proves to be helping the students to become "swa-adheen" - self motivated. Total 65 students from 9th & 10th Std. participated in this training.

This unique project was implemented in collaboration with an organization Lend - a - Hand India and Zarpara School. We provided vocational training and career guidance to young boys and girls from urban and rural communities in pre-identified trades as a part of secondary school curriculum.

This year we initiated this project at Zarpara High School and trained the students in various skills related to Electricity, Engineering, Agriculture and Animal Husbandry, home and health etc. Students gained a lot of practical knowledge, guidance of right vocation for them, self-dependence and confidence.

4

Training for MIS

A Training Programme was conducted by the Head Office for All Coordinators and Project Officer for MIS Application. Adani foundation has planned to start AF Online Application for reporting, monitoring & evaluation. Training for the same was organized from 8th June to 11th June 2015 at AMDC in coordination with Cyber Swift. The training was organized by Mr. Sanjiv Ranjan.

Adani foundation CSR Conclave 2016

"Adani foundation CSR Conclave 2016" was held on 8th and 9th January 2016 at AMDC, Ahmedabad.

The Conclave gave further momentum to our works by consolidating newer and passionate ideas which are more dynamic impactful, replicable and at the same time sustainable.



5

Adani Foundation, CSR Budget - Mundra				
Budget Utilization 2015-16 (Oct.15 to Mar.16)				
Sr. No.	Program	Expenditure	Expenditure	Total
		Apr.15 to Sept.15	Oct.15 to Mar.16	2015-16
A.	Admin Expense	52.49	94.21	146.7
B.	Education			
(i)	Education Initiative	37.96	18.97	56.93
(ii)	Adani Vidya Mandir-Bhadreshwar	44.56	75.2	119.76
(iii)	Shanti Vihar	147.89	180.18	328.07
	Sub Total	230.41	274.35	504.76
C.	Community Health	161.27	134.06	295.33
D.	Fisher Folk, SLD & Agriculture	98.04	87.23	185.27
E.	Rural Infrastructure Development	75.25	205.13	280.38
	Other Expenditure	88.9	0	88.9
BUDGET 2015-16: GRAND TOTAL		706.36	794.98	1501.34

5

adani™



Resources Logistics Energy