

adani

Ports and
Logistics

Letter No.: APDPL-EHS/MOEF RO/EC Comp (I&II)/2023/02

Date: 01.12.2023

To,
Inspector general of Forest/Scientist C
Integrated Regional office
Ministry of Environment Forest and Climate Change
Aranya Bhavan, A Wing, Room Number 409,
Near CH-3 Circle Sector 10A
Gandhinagar – 382007
Gujarat

Sub.: - Six Monthly Compliance Report of Environment and CRZ Clearance for the period from **April 2023 to September 2023.**

- Ref.:** - 1) Environmental and CRZ clearances granted to M/s. Adani Petronet (Dahej) Port Pvt. Ltd. for **Phase-I and Phase-II** vide letters dated 6th July 2007 and 11th November 2008 bearing F. No.: 11-37/2007-IA-III, respectively.
- 2) CRZ Clearance / Recommendation issued by Department of Environment & Forest, GoG vide letter dated 16th May 2007 bearing No.: ENV-102006-71-P for **Phase-I** and letter dated 29th September 2008 bearing No.: ENV-10-2007-2126-E for **Phase-II.**
- 3) Mail dated 29.11.2023 for submission of compliance.

Dear Sir,

Please find enclosed herewith point wise compliance report of conditions stipulated in the above referred letters for the period April 2023 to September 2023. Mail is already forwarded dated 29.11.2023 and copy is attached for your reference.

Thanking you,

Yours Faithfully,

For M/s Adani Petronet (Dahej) Port Ltd.

(Authorized Signatory)

Bluik
Post Received
Gujarat Pollution Control Board
BHARUCH
2/12/23

Copy to:

1. The Director (Monitoring-IA Division), Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110 003.
2. The Director, Forest and Environment Department, Block-14, 8th Floor, Sachivalaya, Gandhinagar, Gujarat-382 010.
3. The Zonal Officer, Central Pollution Control Board, Zonal Office Vadodara, Parivesh Bhawan, Opposite VMC Ward office No. 10, Subhanpura, Vadodra-390 023.
4. Gujarat Pollution Control Board, Parvayaran Bhawan, Sector-10A, Gandhinagar-382010.

5. The Regional Officer, Gujarat Pollution Control Board, Bharuch (Gujarat).

Adani Petronet (Dahej) Port Limited Tel +91 2641 28 5002
At & PO: Lakhigam www.adaniports.com
Taluka: Vagra, Via Dahej
Bharuch 392 130
Gujarat, India
CIN: U63012GJ2003PTC041919

Registered Office: Adani Corporate House, Shantigram, Nr Vaishno Devi Circle, S G Highway, Khodiyar, Ahmedabad 382 421, Gujarat, India

**SIX MONTHLY COMPLIANCE REPORT OF ENVIRONMENT &
CRZ CLEARANCE PHASE -I & II**

FOR

**DEVELOPMENT OF SOLID CARGO PORT TERMINAL AT
DAHEJ, DISTRICT: BHARUCH, GUJARAT**

(FOR THE PERIOD: APRIL 2023 TO SEPTEMBER 2023)

BY

**ADANI PETRONET (DAHEJ) PORT LTD.
VILLAGE: LAKHIGAM, TALUKA: VAGRA,
DISTRICT: BHARUCH, GUJARAT- 392130**

LIST OF APPENDIXES

S. No.	DETAILS
1.	Environmental and CRZ clearances for Phase-I and Phase-II issue by MOEF&CC, New Delhi vide letters dated 6 th July, 2007 and 11 th November, 2008 bearing F. No.: 11-37/2007-IA-III. M/s. Adani Petronet (Dahej) Port Ltd.
2.	CRZ Clearance / Recommendation issued by Department of Environment & Forest, GoG vide letter dated 16 th May, 2007 bearing No.: ENV-102006-71-P for Phase-I and letter dated 29 th September, 2008 bearing No.: ENV-10-2007-2126-E for Phase-II. M/s. Adani Petronet (Dahej) Port Ltd.
3	Name change letter of CCA granted vide letter no. GPCB/BRCH-B/CCA-06(8)/ID-31664/742063 dated 15.05.2023 attached as Annexure 9 .

List of Annexure

- Annexure 1** : Forest Clearance Compliance
- Annexure 2** : Details of Fixed Mobile Fire Fighting System
- Annexure 3** : Environment Monitoring Report
- Annexure 4** : Green Belt Development Plan for FY 23-24
- Annexure 5** : Environmental Budget & Expenditure for FY 23-24
- Annexure 6** : Compliance status of EMP as per EIA Guidelines
- Annexure 7** : CSR Report form April 2023 to September 2023
- Annexure 8** : Environment Cell Organogram
- Annexure 9** : Name change copy of CCA from GPCB of APDPPL to APDPL

Half yearly Compliance report for Environment and CRZ Clearance for the development of Solid Cargo Port Terminal Phase – I and Phase – II.

Sr. No.	Specific Conditions	Compliance status as on 30.09.2023																															
P2(i)	All the conditions stipulated by Ministry of Environment and Forests, Regional Office, Western Region, Bhopal vide their letter No. 6-GJ060/2006-BHO/1508, dtd., 16.6.2008 shall be strictly adhered to	Complied. All the conditions mentioned by Ministry of Environment and Forests, Regional Office, Western Region, Bhopal vide their letter No. 6-GJ060/2006-BHO/1508, dtd., 16.6.2008 have been complied with. Copy of the compliance status enclosed as Annexure – 1.																															
P2(ii)	All the conditions stipulated by Forest and Environment Department, Govt. of Gujarat vide their letter No.-FCA-1006(10-9) SF-76-K, dated., 1.7.2008 dated 16.6.2008 shall be strictly adhered to	Complied. All the conditions mention by Forest and Environment Department, Govt. of Gujarat vide their letter No.-FCA-1006(10-9) SF-76-K, dated., 1.7.2008 dated 16.6.2008 have been complied with. Copy of the compliance status enclosed as Annexure – 1.																															
P2(iii)	No reclamation will be carried out for the activity	Complied. Project (Phase I & II) has been developed within existing land without any reclamation.																															
P2(iv)	All the conditions stipulated by the Gujarat Coastal Zone Management Authority including Ministry of Environment and Forests clearance dated 16.6.2008 under the Forest Conservation Act shall complied.	Noted. We complied with the conditions stipulated by GCZMA including MOEF dated 16.06.2008. Copy of the compliance status enclosed as Appendix – 1.																															
P2(v), P1(i)	Sewage Treatment Plant should be included in the project	<p>Complied. Sewage generated from port is being treated in designated STP of 80KL/Day capacity.</p> <table border="1"> <thead> <tr> <th>Capacity</th> <th>Quantity of Wastewater (Avg. from April 2023 to Sept. 2023.)</th> <th>Type of STP</th> </tr> </thead> <tbody> <tr> <td align="center">80KLD</td> <td align="center">18.18 KLD</td> <td align="center">MBR</td> </tr> </tbody> </table> <p>The treated water from STP is being utilized on land for horticulture purpose within port premises after achieving permissible norms prescribed in CCA order. Treated water report are attached in Annexure 3F. Monthly monitoring of STP was being done by M/s. Kadam Environment Consultant. Summary of STP treated water analysis results during compliance period from April 2023 to Sept. 2023 are mentioned below.</p> <table border="1"> <thead> <tr> <th>Parameters</th> <th>Unit</th> <th>Min</th> <th>Max</th> <th>Perm. Limit</th> </tr> </thead> <tbody> <tr> <td>PH</td> <td align="center">-</td> <td align="center">6.74</td> <td align="center">7.2</td> <td align="center">6.5- 8.5</td> </tr> <tr> <td>TSS</td> <td align="center">mg/L</td> <td align="center">8</td> <td align="center">24</td> <td align="center">30</td> </tr> <tr> <td>BOD (3 Days @ 27 °C</td> <td align="center">mg/L</td> <td align="center">4</td> <td align="center">10</td> <td align="center">20</td> </tr> <tr> <td>Residual Free Chlorine</td> <td align="center">mg/L</td> <td align="center">0.62</td> <td align="center">1.77</td> <td align="center">0.5(Min)</td> </tr> </tbody> </table>	Capacity	Quantity of Wastewater (Avg. from April 2023 to Sept. 2023.)	Type of STP	80KLD	18.18 KLD	MBR	Parameters	Unit	Min	Max	Perm. Limit	PH	-	6.74	7.2	6.5- 8.5	TSS	mg/L	8	24	30	BOD (3 Days @ 27 °C	mg/L	4	10	20	Residual Free Chlorine	mg/L	0.62	1.77	0.5(Min)
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Half yearly Compliance report for Environment and CRZ Clearance for the development of Solid Cargo Port Terminal Phase – I and Phase – II.

Sr. No.	Specific Conditions	Compliance status as on 30.09.2023
		The cost for Environment Monitoring for FY 23-24 is 13.10 lacs.
P2(vi), P1(ii)	Afforestation in 200 ha. with mangroves should be undertaken under the project, as identified by the Gujarat Forest Department.	Complied. Mangrove afforestation has been carried out in an area of 400 ha Phase I & II (200 Ha for both). Details are given below. <ol style="list-style-type: none"> 100 ha near village Dandi, District Surat- 2011 50 ha near village Jakhau, District Kutch – 2011 50 ha near Padri bit, District Bhavnagar – 2011 200 ha near Malpur, Ta. Jambusar – 2013-14 50 ha Devjagan/Nada Ta. Jambusar – 2017 – 18 (Done as compliance to Phase –III EC & CRZ clearance). Reports of 400 Ha Mangrove afforestation were submitted along with half yearly compliance report vide letter no. APPPL-EHS/MoEF RO/EC Comp (I & II) dated 28.11.2017 and Report of 50 ha Mangrove afforestation (2017-18) was submitted along with half yearly compliance report vide letter no. APPPL-EHS/MoEF RO/EC Comp (I & II) dated 29/05/2019.
P2(vii)	Afforestation @1:3 shall be carried out in case of any trees to be cut.	Complied. <ul style="list-style-type: none"> Afforestation on 38 Ha. Land has been completed with the help of forest department during 2012-14. Land has been declared as reserve forest vide notification dated 23/12/2008. Copy of the same was submitted along with half yearly compliance report vide letter no. APDPPL-EHS/MoEF RO/EC Comp (I & II) dated 28.11.2017.
P2(viii), P1(iii)	The recommendations of the Risk Assessment Report should be incorporated	Complied. Risk Assessment Report was submitted along with compliance report dated 20/02/2008. The recommendation of risk assessment is incorporated and being followed during construction and operation phases.
P2(ix), P1(v)	The materials for the filling and pavement construction should be made available from approved quarries.	Complied. Construction of the project (Phase I & II) was completed in February 2011.
P2(x), P1(vi)	Sufficient fixed and mobile firefighting system should be provided exclusively for the terminal in consultation with the local statutory bodies.	Complied. Adequate fixed and mobile firefighting systems are provided. Details of firefighting systems available with APDPL is submitted to District collector, Mamlatdar (Disaster) and Gujarat Maritime Board, Bharuch, vide letter no. APDPPL/EHS/DMP/Rev-07/2020-21, 123 &

Half yearly Compliance report for Environment and CRZ Clearance for the development of Solid Cargo Port Terminal Phase – I and Phase – II.

Sr. No.	Specific Conditions	Compliance status as on 30.09.2023																												
		124 dated 20.01.2021. Details of the same are enclosed as Annexure – 2.																												
P2(xi), P1(x)	All development in the port should be carried out in accordance with the Coastal Regulation Zone Notification, 1991 and approved Coastal Zone Management Plan of Gujarat.	Complied. Construction of Phase I & II has been completed in February 2011 and same was carried out in accordance with CRZ Notification 1991.																												
P2(xii), P1(xi)	There shall be no withdrawal of ground water in CRZ area for this project. The proponent should ensure that as a result of the proposed constructions, ingress of saline water into ground water does not take place. Piezometers shall be installed for regular monitoring for this purpose at appropriate locations on the project site.	Complied. Ground water is not tapped for the project. Entire freshwater requirement is being met through GIDC water supply. Two Piezometers have been installed at different locations inside port. Monthly monitoring of ground water level & quality is being done through NABL accredited & MoEF&CC recognized laboratory M/s. Kadam Environment Consultant, Baroda. Summary of Piezometers analysis results during compliance period from April 2023 to September 2023 is mentioned below: <table border="1"> <thead> <tr> <th>Test Parameter</th> <th>Unit</th> <th>Min</th> <th>Max</th> </tr> </thead> <tbody> <tr> <td>Temperature</td> <td>°C</td> <td>26.80</td> <td>29.6</td> </tr> <tr> <td>pH</td> <td>--</td> <td>7.39</td> <td>8.09</td> </tr> <tr> <td>Total Dissolved Solids</td> <td>mg/L</td> <td>492</td> <td>832</td> </tr> <tr> <td>Salinity</td> <td>PPT.</td> <td>0.16</td> <td>0.18</td> </tr> <tr> <td>Chloride as Cl</td> <td>mg/L</td> <td>88.24</td> <td>160</td> </tr> <tr> <td>Depth of Water Level from Ground Level</td> <td>meter</td> <td>2.1</td> <td>2.2</td> </tr> </tbody> </table> Copies of monitoring reports are enclosed as Annexure 3B.	Test Parameter	Unit	Min	Max	Temperature	°C	26.80	29.6	pH	--	7.39	8.09	Total Dissolved Solids	mg/L	492	832	Salinity	PPT.	0.16	0.18	Chloride as Cl	mg/L	88.24	160	Depth of Water Level from Ground Level	meter	2.1	2.2
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P2(xiii), P1(xii)	The project shall not be commissioned till the requisite water supply and electricity to the project are provided by the PWD/Electricity Department.	Complied. Project is commissioned after obtaining permission from PWD and Electricity Department. 1. GIDC permission dated 19.02.2013. 2. Electricity Department approval dated 18.02.2011																												
P2(xiv), P1(xiii)	Specific arrangements for rainwater harvesting shall be made in the project design and the rain water so harvested shall be optimally utilized. Details in this regard shall be furnished to this Ministry's Regional Office at Bhopal within 3 months	Complied. The feasibility study for rainwater harvesting was conducted. Based on the report it was concluded that rainwater harvesting is not advisable as the area is next to the coast. Report was submitted along with the half-yearly compliance report dated 22.05.2015. Ministry of Water Resources (May 2000) it is mentioned that "The upper 3 m of the unsaturated zone is not considered for recharging, since it may cause adverse environmental impact e.g. water logging, soil salinity, etc. The post monsoon depth to																												

Half yearly Compliance report for Environment and CRZ Clearance for the development of Solid Cargo Port Terminal Phase – I and Phase – II.

Sr. No.	Specific Conditions	Compliance status as on 30.09.2023
		<p>water level represents a situation of minimum thickness of vadose zone available for recharge which can be considered vis-a-vis surplus monsoon run off in the area.”</p> <p>Point no. I of Sub Para D of para VI on Page 7/11 of CGWA Guideline issued by Central Ground Water Authority (CGWA) for Criteria for evaluation of proposals/requests for GW abstraction (wef. 15/11/2012) it is mentioned that “(i). Mandatory clause on RWH may be relaxed in case of waterlogged/shallow water level (< 5 m bgl during pre-monsoon) areas.”</p> <p>As per point no. VIII of para 2.1.2. of Guidelines for issuance of No Objection Certificate (NOC) for ground water withdrawal issued by Central Ground Water Authority Ministry of Water Resources, RD & GR Government of India; Point no. VI of Para 2.7, it is mention on page no 13. That “VI. Mandatory clause on rain water harvesting may be relaxed in case of water logged/shallow water level (< 5 m bgl during post monsoon or as per state policy) areas.”</p> <p>As mentioned above it is not permissible/advisable to develop ground water recharge structure in case ground water level is less than 5 m.</p>
P2(xv), P1(xv)	No land reclamation should be carried out for this project.	<p>Complied.</p> <p>Project (Phase I & II) has been developed within existing land without any reclamation.</p>
P2(xvi), P1(xvi)	Green buffer zone should be provided all around the project area in consultation with local forest department and report submitted to this Ministry’s Regional Office at Bhopal.	<p>Being Complied</p> <p>Considering the expansion plan, green belt is being developed on periphery of the project boundary. So far 25.27 Ha of green belt with 63504 nos. which mainly includes casuarina, <i>wasigtonia palm</i>, <i>cassia samiea</i>, <i>peltoforum</i>, <i>delonix regia</i>, <i>ficus sps</i>. Details of green belt area are enclosed as Annexure – 4.</p>
P2(xvii), P1(xiv)	The facilities to be constructed in the CRZ area as part of this project should be strictly in conformity with the provisions of the CRZ Notification, 1991 as amended subsequently.	<p>Complied.</p> <p>Construction of the project (Phase I & II) was completed in February 2011 and same is in conformity with the provisions of the CRZ Notification 1991.</p>
P2(xviii), P1(xvii)	No product other than those permissible in the Coastal Regulation Zone Notification, 1991 should be stored in the Coastal Regulation Zone area.	<p>Complied.</p> <p>APDPL is handling only dry cargo mainly coal and other bulk cargos or project cargo at designated storage areas in compliance to the CRZ Notification 1991 and 2011 and as per approval received.</p>
P1(iv)	Location of general cargo berth should be taken into considerations with regard to location of LNG terminal	<p>Complied.</p> <p>General cargo berth (Solid Cargo Port Terminal jetty) is approx. 500 m away from the LNG jetty of Petronet LNG Ltd.</p>

Half yearly Compliance report for Environment and CRZ Clearance for the development of Solid Cargo Port Terminal Phase – I and Phase – II.

Sr. No.	Specific Conditions	Compliance status as on 30.09.2023
P1(vii)	The wave tranquility study and the ship maneuvering studies carried out should be taken into account while operating the Port.	Complied. Ship mooring study and wave tranquility studies were carried out to understand the wind wave and swell wave conditions. The recommendations are being regularly followed during port operations.
P1(viii)	The project proponent should ensure that during construction and operation of the port there will be no impact on the livelihood of the fisherman. The fisherman should be provided free access to carry out the fishing activity.	Complied. There is no commercial fishing in the area. Free access to the "Pagadiya" fishermen is available. They are continuing with their activities without any impact from project.
P1(ix)	All necessary precaution while undertaking construction and operation of the port should be taken keeping in view the bathymetric changes caused due to cyclones.	Complied. Construction (Phase I & II) activities are completed in February, 2011. APDPL has a well-defined DMP (covering natural disasters including cyclones) and regular mock drills are being conducted. DMP is also reviewed at regular interval. Mock drill is being conducted as per plan. Last Mock drill was conducted on 21.09.2023. Last revision in the DMP was done on 01.07.2023 (Rev. 9).
General Conditions		
P2(i), P1(i)	Construction of proposed structures shall be undertaken meticulously conforming to the existing Central/local rules and regulations including Coastal Regulation Zone Notification 1991 & its amendments. All the construction designs/drawings relating to the proposed construction activities must have approvals of the concerned state Government Departments/Agencies.	Complied. <ul style="list-style-type: none"> All the development activities are being taken up in accordance with the CRZ notification, 1991 & its subsequent amendments. The approval for the project has been obtained from concern government department that is GMB as per their NOC date 23/02/2006. Necessary approval has been obtained from GIDC for the setting of the project vide letter ref no. GIDC/DM/CG/ANK/87. Approval of GPCB NOC has taken for the project vide letter ref. no. CTE 71696 dated 08.09.2015 & its amendment letter no. CTE no. 129384 dated 29.09.2023 valid till 13.10.2026.
P2(ii), P1(ii)	Adequate provision for infrastructure facilities such as water supply, fuel, sanitation etc. should be ensured for construction workers during the construction phase of the project so as to avoid felling of trees/mangroves and pollution of water and the surrounding.	Complied. Construction of the project (Phase I & II) was completed on February 2011. During construction all facilities such as water supply, fuel, sanitation etc. was provided.
P2(iii), P1(iii)	The project authorities must make necessary arrangements for disposal of solid waste and for the treatment of effluents by providing a proper wastewater treatment plant outside the	Complied. <ul style="list-style-type: none"> The Project (Phase I & II) activities are not generating any industrial effluent.

Half yearly Compliance report for Environment and CRZ Clearance for the development of Solid Cargo Port Terminal Phase – I and Phase – II.

Sr. No.	Specific Conditions	Compliance status as on 30.09.2023																																												
	CRZ area. The quality of treated effluents, solid wastes and noise level etc. must conform to the standards laid down by the competent authorities including the Central/State Pollution Control Board and the Union Ministry of Environment and Forest under the Environmental (Protection) Act, 1986, whichever are more stringent.	<ul style="list-style-type: none"> Only domestic effluent is being generated which was treated in the STP outside CRZ area and used for horticulture within the premises. Details regarding STP are given in point number- V (Refer above point) Noise monitoring (Once in a month) is carried out by NABL accredited and MoEFCC approved agency namely M/s Kadam Environment Consultants. The noise level confirm to the standard laid down by Gujarat Pollution Control Board. Monthly monitoring of Noise has been carried out from M/s. Kadam Environment Consultants. Summary & Copy of Noise level monitoring are enclosed as Annexure – 3G. <table border="1"> <thead> <tr> <th align="center">Sr. No.</th> <th align="center">Location</th> <th align="center">Day Time Leq (dBA)</th> <th align="center">Night Time Leq (dBA)</th> </tr> </thead> <tbody> <tr><td align="center">1</td><td>Behind QHSE office</td><td align="center">59.7</td><td align="center">53.6</td></tr> <tr><td align="center">2</td><td>Substation 6</td><td align="center">58.4</td><td align="center">51.7</td></tr> <tr><td align="center">3</td><td>Marine Building</td><td align="center">60.1</td><td align="center">53.7</td></tr> <tr><td align="center">4</td><td>Substation 7B</td><td align="center">60.5</td><td align="center">55.6</td></tr> <tr><td align="center">5</td><td>JS 1 (Lakhigam)</td><td align="center">60</td><td align="center">58.3</td></tr> <tr><td align="center">6</td><td>Lakhi Village</td><td align="center">54.7</td><td align="center">50.3</td></tr> <tr><td align="center">7</td><td>ERMS workshop</td><td align="center">57.9</td><td align="center">51.5</td></tr> <tr><td align="center">8</td><td>Jetty (Rock Bond Approach)</td><td align="center">59.3</td><td align="center">54.3</td></tr> <tr><td align="center">9</td><td>Open Storage Yard 1</td><td align="center">59.6</td><td align="center">53.2</td></tr> <tr><td align="center">10</td><td>Lakhi Village (Nr. Conveyor Belt)</td><td align="center">54.7</td><td align="center">50.3</td></tr> </tbody> </table> <p>*Permissible limit: Day Time <75 dBA & Night Time <70 dBA.</p>	Sr. No.	Location	Day Time Leq (dBA)	Night Time Leq (dBA)	1	Behind QHSE office	59.7	53.6	2	Substation 6	58.4	51.7	3	Marine Building	60.1	53.7	4	Substation 7B	60.5	55.6	5	JS 1 (Lakhigam)	60	58.3	6	Lakhi Village	54.7	50.3	7	ERMS workshop	57.9	51.5	8	Jetty (Rock Bond Approach)	59.3	54.3	9	Open Storage Yard 1	59.6	53.2	10	Lakhi Village (Nr. Conveyor Belt)	54.7	50.3
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P2(iv), P1(iv)	The proponent shall obtain the requisite consents for discharge of effluents and emission under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 from the Gujarat State Pollution Control Board before commissioning of the project and a copy of each of these shall be sent to this Ministry.	Complied. APDPL has obtained renewal of CC&A under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981 from the Gujarat State Pollution Control Board vide No. AWH 109820 dated: 19.10.2020 and CCA amendment Letter no AWH 116434 dated 09.03 .2022 which is valid up to 16.07.2025. And name change copy vide letter no. GPCB/BRCH-B/CCA-06/ID-31664/742063 dated 15.05.2023. Copy is submitted vide letter no. APDPL-EHS/MOEF RO/EC Comp (I&II)/2023/01 dated 18.05.2023																																												
P2(v), P1(v)	The proponent shall provide for a regular monitoring mechanism so as to ensure that the treated effluents conform to	Complied. <ul style="list-style-type: none"> No industrial effluent is generated from the port as no industrial process is carried out. 																																												

Half yearly Compliance report for Environment and CRZ Clearance for the development of Solid Cargo Port Terminal Phase – I and Phase – II.

Sr. No.	Specific Conditions	Compliance status as on 30.09.2023																																										
	the prescribed standards. The record of analysis reports must be properly maintained and made available for inspection to the concerned State/Central officials during their visits.	<ul style="list-style-type: none"> Domestic effluent is being treated in STPs. Details regarding the same are given above in point number V (Refer above). The monitoring results of the treated wastewater from STP for the period from April 2023 to September 2023 are enclosed as Annexure – 3F. Reports are available at site for the inspection and APDPL regularly submits report to GPCB. 																																										
P2(vi), P1(vi)	In order to carry out the environmental monitoring during the operational phase of the project, the project authorities should provide an environmental laboratory well equipped with standard equipment and facilities and qualified manpower to carry out the testing of various environmental parameters.	<p>Complied.</p> <p>Ambient Air quality monitoring (twice in a week) and Noise level (once in a month) monitoring are being carried out by M/s. Kadam Environment Consultant, a NABL accredited, and MoEF & CC recognised laboratory.</p> <p>The monitoring results for the period from April 2023 to September 2023 are enclosed as Annexure – 3A to 3H.</p> <p>Summary of Ambient Air Monitoring Report is given below:</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Location</th> <th>PM₁₀ (100 µg/m³)</th> <th>PM_{2.5} (60 µg/m³)</th> <th>SO₂ (80 µg/m³)</th> <th>NO_x (80 µg/m³)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Marine Building</td> <td>68.62</td> <td>36.61</td> <td>12.99</td> <td>16.83</td> </tr> <tr> <td>2</td> <td>SS 7B</td> <td>67.67</td> <td>35.73</td> <td>13.00</td> <td>16.76</td> </tr> <tr> <td>3</td> <td>EHS Building</td> <td>68.37</td> <td>35.43</td> <td>13.24</td> <td>17.31</td> </tr> <tr> <td>4</td> <td>Nr. GCPTL Gate</td> <td>65.45</td> <td>34.50</td> <td>13.10</td> <td>17.18</td> </tr> <tr> <td>5</td> <td>Silo Gate</td> <td>67.43</td> <td>35.32</td> <td>13.14</td> <td>17.14</td> </tr> <tr> <td>6</td> <td>SS 11 terrace</td> <td>68.25</td> <td>31.84</td> <td>12.94</td> <td>16.90</td> </tr> </tbody> </table>	Sr. No.	Location	PM ₁₀ (100 µg/m ³)	PM _{2.5} (60 µg/m ³)	SO ₂ (80 µg/m ³)	NO _x (80 µg/m ³)	1	Marine Building	68.62	36.61	12.99	16.83	2	SS 7B	67.67	35.73	13.00	16.76	3	EHS Building	68.37	35.43	13.24	17.31	4	Nr. GCPTL Gate	65.45	34.50	13.10	17.18	5	Silo Gate	67.43	35.32	13.14	17.14	6	SS 11 terrace	68.25	31.84	12.94	16.90
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P2(vii), P1(vii)	The sand dunes and mangroves, if any on the site should not be disturbed in any way.	<p>Complied.</p> <ul style="list-style-type: none"> There are no sand dunes in project area. Free flow to the mangroves near the jetty approach is maintained. 																																										
P2(viii), P1(viii)	A copy of the clearance letter will be marked to the concern Panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal.	<p>Complied.</p> <p>Copy of the letter submitted to local panchayat was submitted along with half yearly compliance report vide letter no. APPPL-EHS/MoEF RO/EC Comp (I&II) dated 28.11.2017.</p>																																										
P2(ix), P1(ix)	The Gujarat State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industries Centre, and	This condition does not belong to the project proponent.																																										

Half yearly Compliance report for Environment and CRZ Clearance for the development of Solid Cargo Port Terminal Phase – I and Phase – II.

Sr. No.	Specific Conditions	Compliance status as on 30.09.2023
	Collector's Office/Tehsildar's Office for 30 days.	
P2(x), P1(x)	The fund 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 to this Ministry's Regional Office at Bhopal and the State Pollution Control Board.	Complied. Separate budget is allocated for Environmental Management. Key components of environment budget are Environmental Monitoring, waste monitoring, STP (Operations and Maintenance), Dust Suppression and Closed Conveyor System Maintenance etc. The allocation of budget for Environment Cell for the FY 2023-24 was approx. Rs. 458.01 lacs out of which Rs. 201.57 lacs is used till Sep.23. Details of the environmental budget and expenditure for the past 3 years is enclosed as Annexure -5.
P2(xi), P1(xi)	Full support should be extended to the officers of this Ministry's Regional Office at Bhopal and the officers of the Central and State Pollution Control Boards by the project proponents during their inspection for monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities.	Complying with. <ul style="list-style-type: none"> • Whenever any authorities from MoEF&CC, GPCB and GMB etc. visit APDPL, full support is extended and APDPL provides all additional information sought by them during the inspection. • Regional office representative visited the port during the compliance period. • Last visit of Gujarat Pollution Control Board during the compliance period was on 31.07.2023. There is no remarks given by GPCB during visit.
P2(xii), P1(xii)	In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to this Ministry for modification in the clearance conditions or imposition of new ones for ensuring environmental protection.	Noted. There is no change in the Phase I & II development.
P2(xiii), P1(xiii)	This Ministry reserves the right to revoke this clearance, if any of the conditions stipulated are not complied with to the satisfaction of the Ministry.	Noted & agreed.
P2(xiv), P1(xiv)	This Ministry or any other competent authority may stipulate any other additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with.	Noted & agreed.

Half yearly Compliance report for Environment and CRZ Clearance for the development of Solid Cargo Port Terminal Phase – I and Phase – II.

Sr. No.	Specific Conditions	Compliance status as on 30.09.2023
P2(xv), P1(xv)	<p>The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen at Website of the Ministry of Environment & Forest at http://www.envfor.nic.in. The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Bhopal.</p>	<p>Complied.</p> <ul style="list-style-type: none"> • Advertisement of phase 1 approval was published in Gujarati language in "Sandesh" newspaper dated 01/09/2007 and in English language in "GUJARAT SAMACHAR" newspaper dated 11.9.2007. • Advertisement of phase 2 approval was published in Gujarati language in "Divya Bhaskar" newspaper and in English language in "The Times of India" dated 19/11/2008. • Copies of the advertisements were submitted to MoEF&CC vide compliance report dated 27/11/2013.
P2(xvi), P1(xvi)	<p>The Project proponents should inform the Regional Office at Bhopal as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of Land Development Work.</p>	<p>Complied.</p> <ul style="list-style-type: none"> • Financial closure date of Project was 31st July 2007. • Existing Facility – construction started date July 2007. • Land development work for phase II started in Jan. 2009. • The permission to construct of Solid Cargo Beth at Dahej port has been obtained from GMB vide letter dated 23 Feb 2006 bearing no GMB/N/PVT/264(10)/1910/11201.
P2(xvii)	<p>Any appeal against this environment clearance shall lie with the National Environment Appellate Authority, if preferred, within a period of 30 days as prescribed under Section 11 of the National Appellate Act, 1997</p>	<p>Noted.</p>

Appendix - 1

**Compliance to the conditions stipulated in CRZ clearance/
recommendation for proposed cargo port terminal phase I, II**

Half yearly Compliance report for CRZ recommendation for development of Solid Cargo Port Terminal Phase - I and Phase - II

Sr. no.	Conditions	Compliance status as on 30.09.2023
P2(1), P1(1)	The provisions of the CRZ notification of 1991 and subsequent amendments issued from time to time shall be strictly adhered to by the APPPL. No activity in contradiction to the provisions of the CRZ Notification shall be carried out by the APPPL.	Complied. All the activities carried out are complying with the provisions of the CRZ notification and subsequent amendments.
P2(2), P1(2)	All necessary permissions from different Government Departments / agencies shall be obtained by the APPPL before commencing the expansion activities.	Complied. <ul style="list-style-type: none"> • All the necessary permissions have been obtained by M/s. APDPL. • NOC obtained from Gujarat Maritime Board vide letter No. GMB/N/PVT/264(10)1/1858-10215 Dated 27.06.2006 • Environment Clearance for phase I & Phase II obtained vide letters dated 6th July 2007 & 11th November 2008 and bearing F. No. 11-37/2007-IA-III respectively • Consent to Establish (CTE) and Consent to Operate (CTO) are obtained from GPCB and renewed/amendment from time to time as per the progress of the project activity.
aP2(3), P1(5)	The APPPL shall carry out the construction activities either in the CRZ area or into the sea / estuary only after having the detailed study with respect to chances of erosion / accretion due to the proposed activities conducted through the NIO and vetted through the CWPRS and shall implement all necessary steps / actions as may be suggested by these institutes for mitigating the potential negative impacts including the checking of erosion and/or accretion in the region. Further, the company shall have to have the construction drawings approved for this purpose through a competent agency before undertaking any construction and/or enabling activities at the site	Complied. <ul style="list-style-type: none"> • Construction (Phase I & II) of the port was completed in February 2011. • The approval for the project has been obtained from concern government department that is GMB as per their NOC date 23/02/2006. • Necessary approval has been obtained from GIDC for the setting of the project vide letter ref no. GIDC/DM/CG/ANK/87. • CTE obtained from GPCB vide letter no. GPCB/BRCH/NOC-2528/8018 dated 31.03.2006.
P2(4), P1(7)	The APPL shall have to face the consequences whatsoever due to implementation of the Kalpsar Project proposed by the Government of Gujarat and shall have to take all necessary actions	Noted and agreed to comply.

Half yearly Compliance report for CRZ recommendation for development of Solid Cargo Port Terminal Phase - I and Phase - II

Sr. no.	Conditions	Compliance status as on 30.09.2023
	as may be desired by the Government, from time to time.	
P2(5), P1(10)	No dredging and/or reclamation activity shall be carried out in the CRZ area categorized as CRZ I (i) and it shall have to be ensured that the mangrove habitats and other ecologically important and significant areas are not affected due to any of the project activities.	Complied. <ul style="list-style-type: none"> No dredging/reclamation have been done in CRZ I (i). There is no wildlife sanctuary, national park in the vicinity of the project.
P2(6), P1(11)	No effluent or sewage shall be discharged into the sea / creek or in the CRZ area and shall be treated to conform to the norms prescribed by the Gujarat Pollution Control Board and would be reused / recycled within the plant premises to the extract possible.	Complied. <ul style="list-style-type: none"> No industrial effluent is generated from the port as no industrial process is carried out. Domestic effluent is being treated in STPs. The treated water confirming to the norms is being used for horticulture purpose. The monitoring results of the treated wastewater from STP for the period from April 2023 to September 2023 are enclosed as Annexure - 3F. Reports are available at site for the inspection and APDPL regularly submits report to GPCB.
P2(7), P1(12)	All the recommendations and suggestions given by the NIO in the Comprehensive Environment Impact Assessment report for conservation / protection and betterment of environment shall be implemented strictly by the APPPL.	Being Complied. A Separate EIA has been prepared for phase III development, which includes EMP for the current scenario. All the recommendations and suggestions given by M/s Cholamandalam in the EMP are being complied. Copy of the status of EMP recommendations is enclosed as Annexure 6.
P2(8), P1(13)	The construction and operational activities shall be carried out in such a way that there is no negative impact on mangroves and other coastal/marine habitat. The construction activities shall be carried out only under the constant supervision of the NIO.	Complied. <ul style="list-style-type: none"> Construction (Phase I & II) of the project was completed on February 2011. Free flow to the mangroves near the jetty approach is maintained.
P2(9), P1(14)	The APPL shall strictly ensure that no creeks are blocked due to any activity at port and the mangroves habitat are neither disturbed nor destroyed due to any activity.	Complied. <ul style="list-style-type: none"> No creeks are blocked due to port activity. Free flow to the mangroves near the jetty approach is maintained.
P2(10), P1(15)	The APPL shall participate financially for any common facility that may be established or any common study that may be carried out for the Gulf of Khambhat region for environmental protection and/or management purpose.	Noted and agreed to comply. APDPL is committed for participate financially for any common facility being established or any common study carried out in Gulf of Khambhat region for the environment protection and management purpose.

Half yearly Compliance report for CRZ recommendation for development of Solid Cargo Port Terminal Phase - I and Phase - II

Sr. no.	Conditions	Compliance status as on 30.09.2023
P2(11), P1(16)	The construction debris and/or any other type of waste shall not be disposed into the sea, creek or in the CRZ areas. The debris shall be removed from the construction site immediately after the construction is over.	Complied. Construction of the project was completed on February 2011.
P2(12), P1(17)	The construction camps shall be located outside the CRZ area and the construction labour shall be provided the necessary amenities, including sanitation, water supply and fuel and it shall be ensured that the environmental conditions are not deteriorated by the construction labours.	Complied. <ul style="list-style-type: none"> • Construction of the project was completed on February 2011. • No labour camps were located in Coastal Regulation Zone area. Labours are managed through contractors and they are from surrounding villages and have been provided residential facilities in the surrounding villages.
P2(13), P1(18)	The APPPL shall prepare and regularly update their Local Oil Spill Contingency and Disaster Management Plan in consonance with the National Oil Spill and Disaster Contingency plan and shall submit the same to this Department after having it vetted through the India Coast Guard.	Complied <ul style="list-style-type: none"> • Oil Spill Contingency plan is prepared and resubmitted Tier 1 OSR Facility Dahej port Terminals on dated 15.09.2022. • Request letter for approval of Oil Spill Contingency plan submitted to the chairman, NOS-DCP, Central Coordinating authority, Cost Guard Headquarters, National stadium Complex, New Delhi & Coast Guard, Gandhinagar vide letter dated 16/09/2020. • Oil Spill Contingency plan is prepared and resubmitted to The chairman, NOS-DCP, Central Coordinating authority, Cost Guard Headquarters, National stadium Complex, New Delhi & Coast Guard, Gandhinagar for verification vide letter dated 27.07.2018. • Oil Spill Contingency Plan is submitted to Coast Guard, Gandhinagar for verification vide letter dated. 10/10/2012. • APDPL has a well-defined DMP and regular mock drills are being conducted. Mock drill is being conducted as per plan. Last Mock drill was conducted on 21.09 2023. Last revision in the DMP was done on 01.07.2023.
P2(14),P1(19)	The APPPL shall bear the cost of the external agency that may be appointed by this Department for supervision/monitoring of proposed activities and the environmental impacts of the proposed activities.	Noted and agreed to comply.

Half yearly Compliance report for CRZ recommendation for development of Solid Cargo Port Terminal Phase - I and Phase - II

Sr. no.	Conditions	Compliance status as on 30.09.2023
P2 (15)	The mangrove plantation in 50 ha. of area on Gujarat cost line shall be carried out by the applicant in a phased manner in five years	<p>Complied. Mangrove afforestation has been carried out in an area of 450 ha. Details are given below.</p> <ol style="list-style-type: none"> 100 ha near village Dandi, Dist Surat- 2011 50 ha near village Jakhau, Dist Kutch - 2011 50 ha near Padri bit, Dist Bhavnagar - 2011 200 ha near Malpur, Ta. Jambusar - 2013-14 50 ha Devjagan/Nada Ta. Jambusar - 2017 - 18 (Done as part of compliance to Phase - III EC & CRZ Clearance conditions) <p>Reports of 400 Ha Mangrove afforestation were submitted along with half yearly compliance report vide letter no. APPPL-EHS/MoEF RO/EC Comp (I & II) dated 28.11.2017 and Report of 50 ha. Mangrove afforestation was submitted along with half yearly compliance report vide letter no. APPPL-EHS/MoEF RO/EC Comp (I & II) dated 29/05/2019.</p>
P2 (16)	The construction activities in the Forest land and the Gauchar land shall be carried out as per the permission accorded by the concerned Authority for the said purpose	<p>Complied. Construction of the project was completed in February 2011 in compliance to the approvals.</p>
P1(3)	The APPPL shall take up massive mangrove plantation in 200 ha of area in and around the project site or at an alternative site to be selected in consultation with this Department.	<p>Complied. Mangrove afforestation has been carried out in an area of 450 ha. Details are given below.</p> <ol style="list-style-type: none"> 100 ha near village Dandi, Dist. Surat- 2011 50 ha near village Jakhau, Dist. Kutch - 2011 50 ha near Padri bit, Dist. Bhavnagar - 2011 200 ha near Malpur, Ta. Jambusar - 2013-14 50 ha Devjagan/Nada, Ta. Jambusar - 2017 - 18 (Done as part of compliance to Phase - III EC & CRZ Clearance conditions) <p>Reports of 400 Ha Mangrove afforestation were submitted along with half yearly compliance report vide letter no. APPPL-EHS/MoEF RO/EC Comp (I & II) dated 28.11.2017 and Report of 50 ha. Mangrove afforestation was submitted along with half yearly compliance report vide letter no. APPPL-EHS/MoEF RO/EC Comp (I & II) dated 29/05/2019.</p>

Half yearly Compliance report for CRZ recommendation for development of Solid Cargo Port Terminal Phase - I and Phase - II

Sr. no.	Conditions	Compliance status as on 30.09.2023
P1(4)	The approach road and trestle passing through the forestland shall be constructed only after obtaining necessary permissions under the relevant forest laws including the forest (Conservation) Act. further, no activity shall be carried out in the forestland or in the area having natural plantation / forest till all mandatory clearances under various Forest Acts including the Forests Conservation Act obtained.	Complied. <ul style="list-style-type: none"> All the activities on forest land have been started only after obtaining forest land clearance. Clearance from MOEF was obtained vide letter no 6-GJC060/2006-BHO/1508 dated 16th June 2008. The same was communicated by State Forest Department vide letter no A-1006(10-9) SF-76-K dated 1st July 2008 from DOEF.
P1(6)	The project proponent shall have to make a separate application and shall have to obtain prior clearance under the CRZ Notification for any activities other than those proposed and got approved as part of this phase I activities.	Complied. APDPL had obtained Environmental & CRZ Clearance on Nov 11, 2008 for phase 2 vide letter no.11-37/2007-IA.III.
P1(8)	The project proponents shall ensure that the local people shall be provided with an alternative access to the sea in case the existing access to Rock-Bund could not be made available to them.	Complied. Alternative access to the sea is available adjoining to the project site.
P1(9)	The project proponents shall ensure that the construction period shall be reduced by proper planning and executing the construction program in time-bound manner to avoid any time over-run.	Complied. Construction of the project was completed in February 2011.
P1(20)	The jetty and most of the approach would be supported on piles allowing adequate flow of water without significant obstruction.	Complied. The jetty and most of the approach of 1270 meter is supported on piles allowing adequate flow of water without significant obstruction.
General Conditions		
P2(17),P1(21)	The groundwater shall not be tapped by the APPPL to meet with the water requirements in any case.	Complied. Ground water is not tapped for the project. Water requirement is being met through GIDC water supply. Two Piezometers have been installed at different locations inside port. Regular monitoring of ground water level & quality is being done through NABL accredited & MoEF&CC recognized laboratory M/s. Kadam Environment Consultant. Results are attached in Annexure 3B.
P2(18),P1(22)	The APPL shall take up massive green belt development activities in consultation with the Gujarat Institute of Desert Ecology/Forest	Complying with. Green belt is being developed in an area of 25.27 Ha including periphery of the project boundary. Details of the green belt development is enclosed is Annexure - 4.

Half yearly Compliance report for CRZ recommendation for development of Solid Cargo Port Terminal Phase - I and Phase - II

Sr. no.	Conditions	Compliance status as on 30.09.2023
	Department. A comprehensive plan for this purpose has to be submitted to the Forests and Environment Department.	
P2(19),P1(23)	The APPPL shall have to be contributing financially for taking up the socio-economic up-liftment activities in this region in consultation with the Forests and Environment Department and the District Collector/District Development Officer.	Complied. The CSR activities are executed by Adani Foundation. Adani Foundation is taking care of Social-economic establishment activities and details of the same are enclosed as Annexure - 7.
P2(20),P1(24)	A separate budget shall be earmarked for environmental management and socio - economic activities and details thereof shall be furnished to this department as well as the MoEF, GOI. The details with respect to the expenditure from this budget head shall also be furnished.	Complied. Separate budget is allocated for Environmental Management and Socio-Economic activities. <ul style="list-style-type: none"> • Key components of environment budget are environmental Monitoring, STP's (Operations and Maintenance), and Closed Conveyor System Maintenance etc. The allocation of budget for Environment Cell for the FY 2023-24 was approx. Rs. 408.01 lacs. Details of the environmental budget and expenditure for the past 3 years is enclosed as Annexure -5. • Socio Economic activities are taken up in the areas of Education, Community Health and Sustainable livelihood development, Rural Infrastructure development etc. Details are enclosed as Annexure - 7.
P2(21),P1(25)	A separate environmental management cell with qualified personnel shall be created for environmental monitoring and management during construction and operational phases of the project.	Complied. APDPL has a well-structured Environment Management Cell with qualified manpower for implementation of the Environment Management Plan. Detail of the Environment cell is enclosed as Annexure - 8.
P2(22),P1(26)	Environmental Audit report indicating the changes, if any, with respect to the baseline environmental quality in the coastal and marine environment shall be submitted every year by the APPPL to this Department as well as to the MoEF, GOI.	Complied. Seawater and sediment is being monitored monthly by NABL accredited & MoEF&CC recognized laboratory M/s. Kadam Environment Consultants. Monitoring Report for the period April 2023 to September 2023 is enclosed in Annexure 3C & 3D. No significant changes observed.
P2(23),P1(28)	A six-monthly report on compliance of the condition mentioned in this letter shall have to be furnished by the APPL on regular basis to this Department.	Being Complied <ul style="list-style-type: none"> • APDPL regularly submits six monthly compliance reports which comprises of Compliance to the conditions stipulated in Environment and CRZ clearance, environment monitoring reports to MOEF&CC, GPCB, CPCB & Forest Dept.

Half yearly Compliance report for CRZ recommendation for development of Solid Cargo Port Terminal Phase - I and Phase - II

Sr. no.	Conditions	Compliance status as on 30.09.2023																					
		<ul style="list-style-type: none"> Last compliance report was submitted vide letter no. APDPL-EHS/MOEF RO/EC Comp (I&II)/2023/01 dated 18.05.2023 in soft copy via mail dated 18.05.2023. It is also uploaded in MOEF&CC (Parivesh portal) and our website: www.adaniports.com/ports-downloads Please refer below for the details regarding past 6 compliance submissions. <table border="1"> <thead> <tr> <th>S. No</th> <th>Compliance Period</th> <th>Date of Submission</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Apr'20 to Sep'20</td> <td>25.11.2020</td> </tr> <tr> <td>2</td> <td>Oct' 20 to Mar' 21</td> <td>25.05.2021</td> </tr> <tr> <td>3</td> <td>April '21 to Sep. '21</td> <td>29.11.2021</td> </tr> <tr> <td>4</td> <td>Oct'21 to Mar'22</td> <td>27.05.2022</td> </tr> <tr> <td>5</td> <td>April '22 to Sep. '22</td> <td>01.12.2022</td> </tr> <tr> <td>6</td> <td>Oct '22 to Mar '23</td> <td>18.05.2023</td> </tr> </tbody> </table>	S. No	Compliance Period	Date of Submission	1	Apr'20 to Sep'20	25.11.2020	2	Oct' 20 to Mar' 21	25.05.2021	3	April '21 to Sep. '21	29.11.2021	4	Oct'21 to Mar'22	27.05.2022	5	April '22 to Sep. '22	01.12.2022	6	Oct '22 to Mar '23	18.05.2023
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P2(24),P1(29)	Any other condition that may be stipulated by this Department from time to time for environmental protection/management purpose shall also have to be complied by the APPL.	Noted and agreed to comply with any other condition that may be stipulated by this Department / Ministry of Environment, Forest and Climate Change, Government of India from time to time for environmental protection.																					
P1(27)	The APPPL shall have to contribute financially to support the National Green Corps scheme being implemented in Gujarat by GEER Foundation, Gandhinagar, in consultation with Forests and Environment Department.	Complied. A request in this regard for asking for the terms of Financial Contribution submitted to the GEER Foundation vide letter dated 17th April 2009.																					

Annexure – 1

Compliance status of the conditions by Forest and Environment Department, Govt. of Gujarat vide their letter No.-FCA-1006(10-9)SF-76-K, dated., 1.7.2008 and by Ministry of Environment and Forests, Regional Office, Western Region, Bhopal vide their letter No. 6-GJ060/2006-BHO/1508, dated 16.6.2008

Compliance: Both above mentioned letters have the same conditions; Compliance of the same is given in table below:

S. No.	Condition	Compliance
1	The legal status of the forest land shall remain unchanged	Noted.
2(a)	Compensatory afforestation shall be taken up by the forest department over 38.00 Ha non forest land (Survey No.2, Village-Pingot, Ta. Valiya, Dist. Bharuch at the cost of the project authority.	<p>Complied.</p> <ul style="list-style-type: none"> • APDPL has transferred equivalent non forest land of 38 ha. Area of village Pingot, S. No. 2 paiki, Ta. Valiya, Dist. Bharuch in favour of Forest Department • APDPL has deposited Rs. 33,06,000/- towards the cost of compensatory afforestation • Compensatory plantation was taken up by Forest Department, Govt. of Gujarat.
2(b)	This CA land shall be notified as Reserved Forests.	<p>Complied.</p> <p>The CA land has been notified as Reserved Forest vide notification dated 23/12/2008.</p>
2(c)	The copy of the Notification issued under section 4 of the Indian Forest Act, 1927 shall be sent to this office within six months from the date of handing over of this forest land to the project authority.	<p>Complied</p> <p>Copy of the same was submitted along with half yearly compliance report vide letter no. APPPL-EHS/MoEF RO/EC Comp (I & II) dated 28.11.2017.</p>
3	Penal compensatory afforestation shall be raised over 4.00 ha. Degraded forest land in (Survey No. – 572) Village mirapur, Ta. Valia, Dist. Bharuch	<p>Complied.</p> <ul style="list-style-type: none"> • APDPL has deposited Rs. 3,48,000/- towards the cost of penal compensatory afforestation. • Compensatory plantation was taken up by Forest Department, Govt. of Gujarat.
4	All the funds received from the user agency under the project shall be transferred to the Ad-hoc Compensatory Afforestation Fund management & planning Agency (CAMPA) in A/c No. CA-1583 of Corporation bank Block 11, CGO Complex, Phase – I, Lodhi Road, New Delhi – 110003.	<p>Complied.</p> <ul style="list-style-type: none"> • All the funds received from user agency under project have been transferred to CAMPA by Forest Department, Govt. of Gujarat.
5	The forest land shall not be used for any purpose other than that specified in the project proposal.	<p>Complied.</p> <p>Forest land is being used as per the proposal for which clearance has been obtained.</p>

Annexure – 2: Details of the Fixed and Mobile Firefighting system

Fire Fighting Systems	Details
Fire Hydrant	137 Nos.
Fire Monitor	65 Nos.
Risers (Dry+ wet)	17 Nos.
Fire Extinguisher	457 Nos.
Hose Box	180nos
Smoke Detector	325 Nos.
SCBA back late with Spare Cylinder	12+05 (17nos)
Nomex Suit	06nos
Aluminium Suit	03nos
Water jell Blanket.	02nos
Isolation Valve	50nos
Fire Bucket	105 Nos.
Emergency Siren	06 Nos.
Port Water Reservoir Pump House	5040 KL
Silo Water Reservoir Pump House	4700 KL
Fire Vehicles Detail	
Multi-Purpose Fire Tender – Water & Foam	10 KL & 1.5

Dry Chemical Powder @ 50 Kgs. (MFT)	2 Nos.
CO ₂ @ 4.5 Kgs. (MFT)	2 Nos.
Fire Tender (01 No.)	12 KL
Fire Water Bowser (01 No.)	7.5 KL
Trailer Pump (01 No.)	1800 LPM

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ENVIRONMENTAL MONITORING REPORT

Environment Monitoring Report for the period from April-2023 to September-2023

3A. AMBIENT AIR QUALITY MONITORING: -

Table No.: 1.1 - Ambient Air Quality Monitoring Results At Near GCPL Main Gate

Sr. No.	Date of Sampling	Location-4: Near GCPL Main Gate											
		PM ₁₀	PM _{2.5}	SO ₂	NO _x	NH ₃	Pb	As	O ₃	Ni	C ₆ H ₆	CO	BaP
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	µg/m ³	ng/m ³	µg/m ³	mg/m ³	ng/m ³
1	03.04.2023	68	32	13.53	14.32	<10	<1	<5	<1	<1	<3	0.514	<0.5
2	06.04.2023	61	28	12.54	14.93	<10	<1	<5	<1	<1	<3	0.398	<0.5
3	10.04.2023	62	31	13.63	14.02	<10	<1	<5	<1	<1	<3	0.606	<0.5
4	13.04.2023	64	36	13.50	14.69	<10	<1	<5	<1	<1	<3	0.622	<0.5
5	17.04.2023	66	34	13.45	14.63	<10	<1	<5	<1	<1	<3	0.353	<0.5
6	21.04.2023	67	28	12.78	15.02	<10	<1	<5	<1	<1	<3	0.435	<0.5
7	24.04.2023	65	30	13.16	15.07	<10	<1	<5	<1	<1	<3	0.529	<0.5
8	27.04.2023	61	34	13.55	14.57	<10	<1	<5	<1	<1	<3	0.669	<0.5
9	01.05.2023	60	25	15.44	23.24	<10	<1	<5	<1	<1	<3	0.623	<0.5
10	04.05.2023	63	34	15.36	20.63	<10	<1	<5	<1	<1	<3	0.668	<0.5
11	08.05.2023	64	30	16.33	21.77	<10	<1	<5	<1	<1	<3	0.731	<0.5
12	11.05.2023	68	31	17.15	22.54	<10	<1	<5	<1	<1	<3	0.456	<0.5
13	15.05.2023	66	32	16.48	20.66	<10	<1	<5	<1	<1	<3	0.592	<0.5
14	18.05.2023	65	29	16.58	20.72	<10	<1	<5	<1	<1	<3	0.566	<0.5
15	22.05.2023	63	27	15.78	23.56	<10	<1	<5	<1	<1	<3	0.714	<0.5
16	25.05.2023	63	37	15.29	24.08	<10	<1	<5	<1	<1	<3	0.575	<0.5
17	29.05.2023	63	31	15.57	24.08	<10	<1	<5	<1	<1	<3	0.697	<0.5
18	01.06.2023	62	28	11.47	16.33	<10	<1	<5	<1	<1	<3	0.584	<0.5
19	05.06.2023	59	37	12.30	14.62	<10	<1	<5	<1	<1	<3	0.681	<0.5
20	08.06.2023	67	32	13.88	20.36	<10	<1	<5	<1	<1	<3	0.544	<0.5
21	12.06.2023	65	35	12.89	18.45	<10	<1	<5	<1	<1	<3	0.493	<0.5
22	15.06.2023	62	36	12.82	19.54	<10	<1	<5	<1	<1	<3	0.703	<0.5
23	19.06.2023	57	25	12.44	17.47	<10	<1	<5	<1	<1	<3	0.633	<0.5
24	22.06.2023	64	36	12.21	16.85	<10	<1	<5	<1	<1	<3	0.629	<0.5
25	26.06.2023	64	36	13.59	19.79	<10	<1	<5	<1	<1	<3	0.611	<0.5
26	29.06.2023	58	29	13.48	18.93	<10	<1	<5	<1	<1	<3	0.678	<0.5
27	03.07.2023	58	32	13.60	14.99	<10	<1	<5	<1	<1	<3	0.486	<0.5
28	06.07.2023	62	35	13.41	18.47	<10	<1	<5	<1	<1	<3	0.583	<0.5
29	10.07.2023	61	36	11.70	18.73	<10	<1	<5	<1	<1	<3	0.438	<0.5
30	13.07.2023	61	34	13.06	18.71	<10	<1	<5	<1	<1	<3	0.631	<0.5
31	17.07.2023	65	35	11.85	18.30	<10	<1	<5	<1	<1	<3	0.581	<0.5
32	20.07.2023	60	30	13.99	20.01	<10	<1	<5	<1	<1	<3	0.525	<0.5
33	24.07.2023	59	31	11.82	18.60	<10	<1	<5	<1	<1	<3	0.713	<0.5
34	27.07.2023	60	32	12.80	15.71	<10	<1	<5	<1	<1	<3	0.643	<0.5
35	31.07.2023	68	36	12.33	15.20	<10	<1	<5	<1	<1	<3	0.630	<0.5
36	03.08.2023	68	39	13.57	14.59	<10	<1	<5	<1	<1	<3	0.618	<0.5
37	07.08.2023	69	41	13.95	18.97	<10	<1	<5	<1	<1	<3	0.499	<0.5
38	14.08.2023	70	46	12.34	18.31	<10	<1	<5	<1	<1	<3	0.723	<0.5
39	17.08.2023	70	46	11.85	19.96	<10	<1	<5	<1	<1	<3	0.546	<0.5
40	21.08.2023	71	39	13.49	20.01	<10	<1	<5	<1	<1	<3	0.603	<0.5
41	24.08.2023	84	44	11.82	18.60	<10	<1	<5	<1	<1	<3	0.773	<0.5
42	28.08.2023	73	43	12.80	15.72	<10	<1	<5	<1	<1	<3	0.568	<0.5
43	31.08.2023	86	45	12.39	15.35	<10	<1	<5	<1	<1	<3	0.582	<0.5
44	04.09.2023	67	35	11.46	17.36	<10	<1	<5	<1	<1	<3	0.641	<0.5
45	07.09.2023	71	46	12.10	14.68	<10	<1	<5	<1	<1	<3	0.581	<0.5
46	11.09.2023	72	37	13.08	14.67	<10	<1	<5	<1	<1	<3	0.616	<0.5
47	14.09.2023	76	47	12.52	14.65	<10	<1	<5	<1	<1	<3	0.678	<0.5
48	18.09.2023	77	46	13.06	14.29	<10	<1	<5	<1	<1	<3	0.691	<0.5
49	21.09.2023	76	39	13.04	14.77	<10	<1	<5	<1	<1	<3	0.511	<0.5
50	25.09.2023	88	35	13.50	14.74	<10	<1	<5	<1	<1	<3	0.688	<0.5
51	28.09.2023	72	41	13.14	14.54	<10	<1	<5	<1	<1	<3	0.575	<0.5

Observations Above given Result are within the norms Specified Limit as per CPCB Notification MoE-29316/20/90/PCE-I Dt: 18/11/2009 National Ambient Air Quality Standards, New Delhi, for 24 hourly or 8 hourly or 1 hourly monitored values

Note: Detection Limit; Lead as Pb: 0.1µg/m³, Carbon Monoxide as CO: 0.1 mg/m³, Benzene as C₆H₆: 2 µg/m³, Benzo (a) Pyrene (BaP) - Particulate Phase only: 0.5ng/m³

Arsenic as As: 2ng/m³, Nickel as Ni: 5 ng/m³

Authorized Signatory

**ENVIRONMENTAL MONITORING REPORT****3B. GROUND WATER LEVEL & QUALITY ANALYSIS (PIEZOMETERS) MONITORING: -****Table- 1: Ground Water Level & Quality Analysis (Piezometer) Results for the period:
April-2023 to September-2023****3B.1 Near EHS Building**

SR. NO.	01-04-2023	UNIT	OBSERVATION					
			Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
			28.04.2023	06.05.2023	28.06.2023	27.07.2023	31.08.2023	26.09.2023
1	pH	--	7.41	8.06	7.85	7.69	7.50	7.46
2	Temperature	°C	27	29.6	26.7	27.2	27.7	26.0
3	Total Dissolved Solids	mg/L	689	816	776	728	512	616
4	Chloride as Cl	mg/L	102	69.66	132	126	145	94
5	Salinity	mg/L	190	125.53	237.89	227.54	261	202
6	Depth of Water Level from Ground Level	meter	2.0	2.1	2.1	2.1	2.1	2.0

3B.2 Near SS 7B Building

SR. NO.	TEST PARAMETER	UNIT	OBSERVATION					
			Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
			28.04.2023	06.05.2023	28.06.2023	27.07.2023	31.08.2023	26.09.2023
1	pH	--	7.46	8.09	7.84	7.77	7.39	7.42
2	Temperature	°C	28	29.6	26.8	26.9	27.6	26.0
3	Total Dissolved Solids	mg/L	585	832	608	500	492	502
4	Chloride as Cl	mg/L	104	88.24	141	141	160	99
5	Salinity	mg/L	109	159	254.88	253.8	288	196
6	Depth of Water Level from Ground Level	meter	2.1	2.1	2.2	2.2	2.1	2.1



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ENVIRONMENTAL MONITORING REPORT

**Table No.: 3C.2 - Sea Water (Surface & Bottom) Quality Analysis Results of Sea Water North Side for the period:
April-2023 to September-2023**

SR. NO.	TEST PARAMETERS	UNIT	RESULTS OF SEA WATER QUALITY ANALYSIS NORTH SIDE											
			Apr-23		May-23		Jun-23		Jul-23		Aug-23		Sep-23	
			26.04.2023		06.05.2023		26.06.2023		27.07.2023		31.08.2023		26.09.2023	
			Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom
1	pH	-	7.25	7.89	7.78	7.55	7.60	7.61	7.69	7.60	7.33	7.40	7.39	7.62
2	Temperature	°C	26	27	29.6	29.6	25.4	26.2	26.3	26.5	27.6	27.8	26	26
3	Ammonia Nitrogen	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
4	Nitrophos	mg/L	<0.01	<0.01	3.96	3.11	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
5	Nitrite	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
6	Nitrate	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
7	COD	mg/L	<5	<5	519	400	<5	<5	<5	<5	<5	<5	<5	<5
8	BOD at 27° C/3Days	mg/L	<2	<2	164	140	<2	<2	<2	<2	<2	<2	<2	<2
9	Total Dissolved Solids	mg/L	31460	36620	34060	27974	30220	31802	35064	31210	31446	30983	30548	34700
10	Total Suspended Solids	mg/L	10	14	11	14	9	9	12	10	6	8	9	11
11	Oil & Grease	mg/L	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
12	Dissolved Oxygen (D.O)	mg/L	3.6	3.8	5.1	6.3	3.4	3.6	3.1	3.5	3.6	3.8	3.2	3.4
13	Salinity	mg/L	58102	66080	29540.44	45551.45	30550.21	29401.67	30900.96	30105.79	30064	28372	57045	64981
14	Total Nitrogen	mg/L	N.D.	N.D.	N.D.	4.0.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
15	Total Coliform Bacteria	MPN/100ml	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)	11	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)
16	E.coli	/100ml	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
17	Total Plate count	CFU/ml	1500	900	66×10^2	9×10^1	33×10^2	22×10^2	17×10^2	17×10^1	35×10^2	9×10^2	60×10^2	12×10^2

(Signature)

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ENVIRONMENTAL MONITORING REPORT

Table No.: 3C.2 - Sea Water (Surface & Bottom) Quality Analysis Results of Sea Water South Side for the period: April-2023 to September-2023

SR. NO.	TEST PARAMETERS	UNIT	RESULTS OF SEA WATER QUALITY ANALYSIS SOUTH SIDE											
			Apr-23		May-23		Jun-23		Jul-23		Aug-23		Sep-23	
			28.04.2023		08.05.2023		28.06.2023		27.07.2023		31.08.2023		20.09.2023	
			Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom	Surface	Bottom
1	pH	-	7.62	7.66	7.6	7.57	7.40	7.47	7.45	7.51	7.59	7.29	7.41	7.49
2	Temperature	°C	27	27	29.6	29.6	26.1	26.1	27.2	27.4	27.6	27.6	26	26
3	Ammonical Nitrogen	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
4	Phosphate	mg/l	<0.02	<0.02	3.45	6.23	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
5	Nitrite	mg/l	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
6	Nitrate	mg/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
7	COD	mg/l	<5	<5	569	447	<5	<5	<5	<5	<5	<5	<5	<5
8	BOD at 20° C 3Days	mg/l	<2	<2	167	174	<2	<2	<2	<2	<2	<2	<2	<2
9	Total Dissolve Solids	mg/l	32480	31444	33938	35284	30316	31728	30756	31460	31208	31368	31402	32065
10	Total Suspended Solids	mg/l	10	10	12	16	10	9	9	11	5	9	17	11
11	Oil & Grease	mg/l	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
12	Dissolve Oxygen (D.O)	mg/l	3.6	3.2	5.6	4.9	3.3	3.6	3.5	3.3	3.2	3.7	3.7	3.6
13	Salinity	mg/l	38452	39052	31632.54	30485.71	16196.00	25726.56	30512.27	30888.21	30714	29524	30390	30663
14	Total Nitrogen	mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
15	Total Coliform Bacteria	MPN/100ml	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)	N.D.(<1.8)
16	CoDl	ACOMl	absent	absent	absent	absent	absent	absent	absent	absent	absent	absent	absent	absent
17	Total Plate count	CFU/ml	1000	500	10×10^2	21×10^2	15×10^2	20×10^2	16×10^2	18×10^2	88×10^2	21×10^2	72×10^2	14×10^2



ENVIRONMENTAL MONITORING REPORT

3D. SEA SEDIMENT QUALITY ANALYSIS MONITORING: -

Table - Sea Sediment Quality Analysis (North Side) Results for the period: April-2023 to September-2023

Sr. No.	PARAMETERS	UNIT	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
			28.04.2023	08.05.2023	28.06.2023	27.07.2023	31.08.2023	26.09.2023
1	01-04-2023	gm/kg	0.61	0.62	0.30	3.27	0.63	0.66
2	Aluminum	gm/kg	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
3	Chromium	gm/kg	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
4	Manganese	gm/kg	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
5	Iron	gm/kg	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6	Nickel	gm/kg	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
7	Copper	gm/kg	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
8	Zinc	gm/kg	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
9	Lead	gm/kg	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
10	Mercury	gm/kg	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
11	Total Phosphorous	gm/kg	0.071	0.69	0.22	N.D	<0.02	0.017
12	Texture		Sandy loam	Sandy loam	Sandy loam	Clay loam	Sandy loam	Sandy loam
13								
13.1	Sand	%	41	43	33	16	41	41
13.2	Clay	%	32	39	29	49	26	39
13.3	Silt	%	21	18	38	35	33	20

Observation: From the above results it is concluded that there is No Significant Changes in the Quality of Sea Sediment.

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ENVIRONMENTAL MONITORING REPORT

3D. SEA SEDIMENT QUALITY ANALYSIS MONITORING: -

Table - Sea Sediment Quality Analysis (South Side) Results for the period: April-2023 to September-2023

Sr. No.	PARAMETERS	UNIT	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
			28.04.2023	08.05.2023	28.06.2023	27.07.2023	31.08.2023	26.09.2023
1	01-01-2023	gm/kg	0.62	0.68	0.27	3.55	0.57	0.71
2	Aluminum	gm/kg	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
3	Chromium	gm/kg	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
4	Manganese	gm/kg	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
5	Iron	gm/kg	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6	Nickel	gm/kg	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
7	Copper	gm/kg	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
8	Zinc	gm/kg	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006	<0.0006
9	Lead	gm/kg	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
10	Mercury	gm/kg	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
11	Total Phosphorous	gm/kg	0.021	0.07	0.23	N.D	<0.02	0.019
12	Texture		Sandy loam	Sandy loam	Sandy loam	Clay loam	Sandy loam	Sandy loam
13	Particle Size							
13.1	Sand	%	41	41	31	12	34	45
13.2	Clay	%	36	32	25.8	51	36	34
13.3	Silt	%	23	27	43	37	30	21

Observation: From the above results it is concluded that there is No Significant Changes in the Quality of Sea Sediment.

**ENVIRONMENTAL MONITORING REPORT****3E. DUMP POND WATER QUALITY ANALYSIS MONITORING: -****Table - Dump Pond Water Quality Analysis Results for the period:
April-2023 to September-2023**

Sr. No.	Test Parameters	Unit	May-23			Aug-23	
			08.05.2023	08.05.2023	08.05.2023	31.08.2023	31.08.2023
			Dump Pond - 1	Dump Pond - 2	Dump Pond - 3	Dump Pond - 1	Dump Pond - 2
1.	pH		7.41	6.91	7.38	7.08	6.97
2.	Turbidity	NTU	<0.1	<0.1	<0.1	<0.1	<0.1
3.	Fluoride	mg/L	<0.05	<0.05	<0.05	0.11	0.25
4.	COD	mg/L	90	106	102	20	40
5.	BOD at 27° C 3Days	mg/L	23	27	25	6	13
6.	Total Dissolve Solids	mg/L	3496	3460	3428	260	284
7.	Total Suspended Solids	mg/L	6	4	5	5	8
8.	Oil & Grease	mg/L	<0.5	<0.5	<0.5	<0.5	<0.5
9.	Dissolve Oxygen (D.O)	mg/L	2.9	2.6	2.4	3.4	3.1
10.	Total Hardness	mg/L	3240	2890	2960	200	220
11.	Chloride	mg/L	69.66	97.52	83.59	50	55
12.	Cadmium	mg/L	<0.01	<0.01	<0.01	<0.001	<0.001
13.	Lead	mg/L	<0.02	<0.02	<0.02	<0.001	<0.001
14.	Zinc	mg/L	<0.03	<0.03	<0.03	<0.003	<0.003
15.	Mercury	mg/L	<0.02	<0.02	<0.02	<0.001	<0.001
16.	Salinity	mg/L	125.53	175.74	150.63	90	99

Observation: From the above results it is concluded that there is No Significant Changes in the Quality of Dump Pond Discharge Water.

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ENVIRONMENTAL MONITORING REPORT

3F. STP TREATED WATER QUALITY ANALYSIS MONITORING: -

TABLE - STP TREATED WATER QUALITY ANALYSIS RESULTS FOR THE PERIOD:

April-2023 TO

September-2023

SR. NO.	TEST PARAMETERS	UNIT	STP Treated Water Quality Analysis Results					
			Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
			28.04.2023	08.05.2023	28.06.2023	27.07.2023	31.08.2023	26.09.2023
1.	pH	--	7.13	7.20	6.74	6.75	6.80	7.26
2.	BOD (3 Days @ 27 °C)	mg/L	9	10	4	6	8	7
3.	Total Suspended Solids	mg/L	15	24	10	11	8	17
4.	Residual Free Chlorine	mg/L	0.62	0.80	1.77	0.89	0.62	0.54
5.	Fecal Coliform Bacteria	MPN/ 100ml	14	22	280	140	N.D.(<1.8)	17

Observation: From the above results it is concluded that there is No Significant Changes in the Quality of STP Treated Water.



ENVIRONMENTAL MONITORING REPORT

3G. AMBIENT NOISE LEVEL MONITORING:-

Tables - 1 - Near Substation – 6 Back side Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	1 - Near Substation – 6 Back side					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	24.04.2023 & 25.04.2023	31.05.2023 & 01.06.2023	28.06.2023 & 29.06.2023	31.07.2023 & 01.08.2023	31.08.2023 & 01.09.2023	04.09.2023 & 05.09.2023
6:00-7:00	62.4	44.1	61.1	41.7	61.1	55.2
7:00-8:00	58.9	46.0	59.1	43.3	59.1	60.8
8:00-9:00	63.6	66.8	60.2	45.6	60.2	54.3
9:00-10:00	69.7	68.9	60.1	45.9	60.1	59.5
10:00-11:00	67.9	59.0	58.4	48.6	58.4	56.3
11:00-12:00	69.0	60.9	56.3	46.3	49.6	52.2
12:00-13:00	69.3	58.9	58.7	47.2	54.2	57.7
13:00-14:00	69.6	61.7	55.4	48.2	53.2	60.3
14:00-15:00	68.3	58.1	58.5	50.0	60.1	58.8
15:00-16:00	67.3	57.3	62.2	50.6	63.8	65.1
16:00-17:00	70.8	54.1	59.6	51.2	64.3	60.4
17:00-18:00	71.1	51.9	60.5	50.8	68.4	67.3
18:00-19:00	72.5	50.0	59.7	50.9	49.0	61.9
19:00-20:00	74.1	48.0	60.5	51.0	62.5	57.4
20:00-21:00	70.5	47.2	59.7	49.1	54.8	59.0
21:00-22:00	67.7	46.6	58.9	40.0	51.2	61.3
22:00-23:00	65.2	46.1	56.6	35.9	54.1	55.8
23:00-00:00	60.3	49.5	55.4	37.1	52.1	61.0
00:00-01:00	58.4	41.6	58.4	39.9	53.2	50.6
01:00-02:00	62.4	37.4	56.3	42.6	49.6	54.2
02:00-03:00	62.4	36.2	58.7	44.4	65.2	58.7
03:00-04:00	59.4	39.7	57.0	46.3	57.3	60.9
04:00-05:00	55.3	42.4	55.3	52.1	51.2	57.5
05:00-06:00	55.6	44.3	58.0	37.4	50.8	52.9

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relative to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observations/Above given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

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ENVIRONMENTAL MONITORING REPORT

3G. AMBIENT NOISE LEVEL MONITORING: -

Tables - 2 - Behind QHSE Office Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	2 - Behind QHSE Office					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	03.04.2023 & 04.04.2023	01.05.2023 & 02.05.2023	01.06.2023 & 02.06.2023	03.07.2023 & 04.07.2023	31.08.2023 & 01.09.2023	04.09.2023 & 05.09.2023
6:00-7:00	56.9	49.7	58.7	50.1	60.2	51.6
7:00-8:00	52.8	50.1	52.8	52.0	58.1	55.4
8:00-9:00	53.3	52.0	53.3	51.9	54.3	57.5
9:00-10:00	63.2	51.9	63.2	52.4	56.7	54.6
10:00-11:00	71.3	51.4	71.3	51.4	64.2	60.3
11:00-12:00	73.8	51.9	72.3	51.9	68.4	59.7
12:00-13:00	72.7	52.7	74.7	52.7	63.2	57.6
13:00-14:00	70.4	52.9	72.1	54.9	72.1	68.0
14:00-15:00	73.4	52.4	74.4	57.4	70.6	66.6
15:00-16:00	74.2	50.5	74.9	50.5	73.5	70.8
16:00-17:00	72.6	48.8	73.5	48.8	59.5	63.9
17:00-18:00	71.5	48.1	73.9	48.1	58.4	55.2
18:00-19:00	70.4	48.9	72.2	48.9	64.0	61.7
19:00-20:00	72.9	46.3	72.9	46.3	63.5	60.3
20:00-21:00	64.9	45.5	64.9	45.5	61.8	53.1
21:00-22:00	61.4	44.6	61.4	42.8	60.8	62.0
22:00-23:00	57.4	43.0	57.4	43.0	57.2	59.3
23:00-00:00	55.4	44.0	55.4	41.7	58.4	59.0
00:00-01:00	55.4	41.4	55.4	46.4	52.1	55.2
01:00-02:00	54.3	49.1	54.3	49.1	58.2	49.6
02:00-03:00	52.2	51.2	52.2	51.2	65.1	68.2
03:00-04:00	52.8	50.6	52.8	52.6	62.3	58.4
04:00-05:00	52.3	50.2	52.3	54.2	68.1	66.5
05:00-06:00	53.7	49.9	53.7	49.9	53.4	58.2

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relative to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observations: Above given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

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3G. AMBIENT NOISE LEVEL MONITORING: -

Tables - 3 - PMC Office Back side Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	3 - PMC Office Back side					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	19.04.2023 & 20.04.2023	25.05.2023 & 26.05.2023	23.06.2023 & 24.06.2023	24.07.2023 & 25.07.2023	28.08.2023 & 29.08.2023	06.09.2023 & 07.09.2023
6:00-7:00	54.8	62.3	62.7	57.4	69.4	70.1
7:00-8:00	52.5	60.2	60.5	52.5	74.0	71.2
8:00-9:00	57.9	61.6	59.3	57.9	63.2	68.5
9:00-10:00	49.8	63.0	61.4	49.8	59.2	51.1
10:00-11:00	56.5	62.9	59.3	58.8	54.2	57.4
11:00-12:00	56.1	59.7	59.0	58.2	63.2	60.0
12:00-13:00	55.6	60.3	58.7	56.1	57.6	55.2
13:00-14:00	56.5	61.4	60.3	56.5	65.4	68.5
14:00-15:00	55.5	60.9	64.6	55.5	55.2	59.3
15:00-16:00	54.4	61.8	62.4	55.0	61.2	64.9
16:00-17:00	55.6	63.8	62.2	55.6	60.2	61.2
17:00-18:00	55.0	66.4	60.5	55.0	66.6	70.5
18:00-19:00	53.4	63.8	64.1	53.4	74.2	69.8
19:00-20:00	55.8	64.5	63.3	55.8	65.2	62.4
20:00-21:00	59.0	68.5	61.8	59.0	53.4	58.2
21:00-22:00	58.0	61.4	61.0	58.0	59.3	50.9
22:00-23:00	56.5	60.5	58.1	56.5	62.1	70.8
23:00-00:00	54.4	59.9	56.4	54.4	61.2	54.2
00:00-01:00	48.5	62.8	59.0	48.5	52.3	49.6
01:00-02:00	37.9	60.8	59.8	37.9	63.4	55.3
02:00-03:00	36.9	60.9	58.7	36.9	60.3	65.1
03:00-04:00	39.5	59.1	55.6	39.5	58.4	67.3
04:00-05:00	36.9	58.6	59.8	36.9	63.0	60.9
05:00-06:00	40.2	58.0	60.0	40.2	57.0	59.1

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relevant to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observation/Above given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

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3G. AMBIENT NOISE LEVEL MONITORING:-

Tables - 4 - Near Substation 7B Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	4 - Near Substation 7B					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	14.04.2023 & 15.04.2023	18.05.2023 & 19.05.2023	19.06.2023 & 20.06.2023	17.07.2023 & 18.07.2023	28.08.2023 & 29.08.2023	06.09.2023 & 07.09.2023
6:00-7:00	63.2	44.1	68.3	50.2	58.4	59.1
7:00-8:00	60.6	46.0	67.5	43.7	60.1	55.7
8:00-9:00	61.5	66.8	67.7	58.5	72.3	69.2
9:00-10:00	62.3	68.9	69.8	53.1	74.5	70.8
10:00-11:00	59.4	59.0	69.7	57.9	73.6	67.7
11:00-12:00	58.0	60.9	64.3	58.7	53.4	71.3
12:00-13:00	60.4	58.9	65.4	57.1	54.9	60.5
13:00-14:00	60.5	61.7	64.2	58.7	60.4	63.7
14:00-15:00	60.9	58.1	64.9	57.8	53.1	58.2
15:00-16:00	64.1	57.3	67.5	57.2	68.1	51.4
16:00-17:00	64.7	54.1	68.5	57.3	74.6	68.4
17:00-18:00	61.1	51.9	67.8	52.8	69.5	61.7
18:00-19:00	61.3	50.0	66.5	51.5	53.4	56.1
19:00-20:00	63.0	48.0	67.8	51.2	54.2	59.4
20:00-21:00	62.8	47.2	68.1	50.8	61.2	66.6
21:00-22:00	62.0	46.6	67.4	51.9	63.5	60.9
22:00-23:00	61.0	46.1	66.7	51.4	60.2	68.4
23:00-00:00	55.5	49.5	66.4	51.2	54.3	59.2
00:00-01:00	56.4	41.6	66.2	50.6	45.7	60.7
01:00-02:00	59.5	37.4	66.0	53.6	62.3	51.8
02:00-03:00	59.5	36.2	62.4	53.0	60.4	55.7
03:00-04:00	59.4	39.7	67.5	52.8	55.1	58.4
04:00-05:00	59.9	42.4	67.9	44.8	68.4	68.3
05:00-06:00	60.0	44.3	67.8	41.6	69.3	61.2

*dB(A) Leq. denotes the time weighted average of the level of sound in decibels on scale A which is releatable to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observation: Above given Results are within the specified limits as per The Noise Pollution (Regulation and Control) Rules 2000.



ENVIRONMENTAL MONITORING REPORT

3G. AMBIENT NOISE LEVEL MONITORING: -

Tables - 5 - ERMS Workshop Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	5 - ERMS Workshop					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	07.04.2023 & 08.04.2023	08.05.2023 & 09.05.2023	08.06.2023 & 09.06.2023	07.07.2023 & 08.07.2023	25.08.2023 & 26.08.2023	08.09.2023 & 09.09.2023
6:00-7:00	60.6	58.7	60.1	59.5	61.2	49.8
7:00-8:00	58.5	56.1	57.8	61.8	56.3	55.6
8:00-9:00	57.9	57.6	59.3	53.8	51.2	59.8
9:00-10:00	53.9	57.4	56.2	51.0	61.0	63.7
10:00-11:00	56.8	58.5	54.0	54.1	53.2	55.1
11:00-12:00	58.8	57.9	57.2	54.1	64.1	60.4
12:00-13:00	58.0	53.9	58.2	55.9	50.2	57.9
13:00-14:00	57.3	55.6	58.1	58.1	64.5	67.7
14:00-15:00	58.1	58.8	57.5	59.0	68.4	62.2
15:00-16:00	57.5	58.0	58.0	60.0	63.5	65.3
16:00-17:00	57.8	57.3	57.8	59.8	72.4	70.0
17:00-18:00	56.2	50.1	57.0	58.5	70.2	59.7
18:00-19:00	55.8	57.5	56.0	57.6	68.6	49.1
19:00-20:00	56.3	57.8	56.1	58.9	50.6	53.2
20:00-21:00	54.2	56.2	55.3	61.2	49.0	59.9
21:00-22:00	58.1	55.8	53.3	62.8	61.2	50.0
22:00-23:00	55.7	56.3	42.3	62.7	64.2	52.2
23:00-00:00	53.5	54.2	40.0	58.7	53.3	48.9
00:00-01:00	53.5	58.1	39.2	42.8	54.6	61.5
01:00-02:00	53.3	55.7	39.5	41.9	47.5	54.3
02:00-03:00	52.8	53.5	36.9	40.2	45.1	49.2
03:00-04:00	55.1	53.5	36.2	43.4	49.8	52.9
04:00-05:00	56.1	53.3	41.4	46.4	48.6	63.3
05:00-06:00	57.6	52.8	50.0	50.3	52.3	59.0

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relative to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observations/Above given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

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36. AMBIENT NOISE LEVEL MONITORING: -

Tables - 6 - Behind Pump House Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	6 - Behind Pump House					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	03.04.2023 & 04.04.2023	01.05.2023 & 02.05.2023	01.06.2023 & 02.06.2023	03.07.2023 & 04.07.2023	25.08.2023 & 26.08.2023	08.09.2023 & 09.09.2023
6:00-7:00	58.1	60.1	56.3	61.9	65.3	69.9
7:00-8:00	57.8	57.8	57.8	62.5	61.4	65.2
8:00-9:00	59.3	59.3	59.3	62.7	62.3	59.8
9:00-10:00	56.2	56.2	56.2	63.8	61.2	55.5
10:00-11:00	54.0	54.0	54.0	61.6	74.5	67.1
11:00-12:00	58.7	58.7	57.3	64.9	62.2	59.1
12:00-13:00	58.3	58.3	57.8	62.9	63.6	60.3
13:00-14:00	58.1	58.1	58.1	61.1	49.8	51.0
14:00-15:00	57.1	57.1	57.1	67.6	71.2	66.8
15:00-16:00	58.4	58.4	58.4	59.1	73.4	70.3
16:00-17:00	57.8	57.8	57.8	55.7	62.4	65.7
17:00-18:00	57.0	57.0	57.0	52.7	59.0	58.2
18:00-19:00	56.0	56.0	56.0	52.2	64.5	61.7
19:00-20:00	56.1	56.1	56.1	52.6	57.2	58.5
20:00-21:00	55.3	55.3	55.3	50.8	56.8	52.9
21:00-22:00	53.3	53.3	53.3	49.4	58.4	62.2
22:00-23:00	42.3	42.3	42.3	48.2	56.5	57.0
23:00-00:00	40.0	40.0	40.0	47.3	51.2	59.9
00:00-01:00	39.2	39.2	39.2	52.1	44.1	65.0
01:00-02:00	39.5	39.5	39.5	54.3	46.9	68.8
02:00-03:00	36.9	36.9	36.9	55.5	54.1	50.6
03:00-04:00	36.2	36.2	36.2	60.4	50.6	49.6
04:00-05:00	41.4	41.4	41.4	58.6	51.3	53.1
05:00-06:00	50.0	50.0	50.0	58.1	61.4	57.4

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is referable to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observations/below given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

ENVIRONMENTAL MONITORING REPORT



3G. AMBIENT NOISE LEVEL MONITORING: -

Tables - 7 - ODC Gate Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	7 - ODC Gate					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	17.04.2023	22.05.2023	21.06.2023	20.07.2023	23.08.2023	11.09.2023
	18.04.2023	23.05.2023	22.06.2023	21.07.2023	24.08.2023	12.09.2023
6:00-7:00	50.1	62.3	58.1	59.1	67.4	62.3
7:00-8:00	52.0	60.0	57.8	57.6	65.7	58.1
8:00-9:00	51.9	61.7	59.3	56.9	64.2	55.4
9:00-10:00	52.4	59.9	56.2	62.0	60.4	59.7
10:00-11:00	51.4	58.7	54.0	54.4	58.0	51.5
11:00-12:00	51.9	60.0	53.6	52.1	64.1	67.3
12:00-13:00	52.7	60.2	58.3	51.4	59.2	52.6
13:00-14:00	52.9	57.0	58.1	50.7	60.4	56.8
14:00-15:00	52.4	57.1	57.1	52.9	63.8	60.2
15:00-16:00	50.5	59.4	58.4	62.2	67.1	65.5
16:00-17:00	48.8	57.9	57.8	59.6	60.8	67.2
17:00-18:00	40.1	62.0	57.0	60.5	63.0	57.1
18:00-19:00	48.9	55.5	56.0	59.7	60.1	60.2
19:00-20:00	46.3	58.7	56.1	60.5	58.7	55.3
20:00-21:00	45.5	59.1	55.3	59.7	62.4	51.3
21:00-22:00	42.8	63.2	53.3	58.9	67.1	61.5
22:00-23:00	43.0	61.5	42.3	56.6	49.2	50.6
23:00-00:00	44.0	61.0	40.0	54.4	46.2	69.7
00:00-01:00	46.4	59.1	39.2	48.8	48.5	50.7
01:00-02:00	49.1	57.9	39.5	56.3	50.2	56.2
02:00-03:00	51.2	56.9	36.9	58.7	53.2	65.0
03:00-04:00	52.6	54.2	36.2	57.0	60.4	61.5
04:00-05:00	54.2	53.9	41.4	55.3	52.4	59.4
05:00-06:00	49.9	56.1	50.0	58.0	48.6	49.1

*dB(A) Leq, denotes the time weighted average of the level of sound in decibels on scale A which is relative to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observations: Above given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.



ENVIRONMENTAL MONITORING REPORT

3G. AMBIENT NOISE LEVEL MONITORING:-

Tables - 8 - OSY 1 Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	8 - OSY 1					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	17.04.2023 & 18.04.2023	22.05.2023 & 23.05.2023	21.06.2023 & 22.06.2023	20.07.2023 & 21.07.2023	23.08.2023 & 24.08.2023	11.09.2023 & 12.09.2023
6:00-7:00	60.4	61.7	59.2	56.3	48.2	51.6
7:00-8:00	57.8	59.9	57.6	52.5	63.5	65.3
8:00-9:00	59.3	60.8	54.9	57.9	55.4	59.4
9:00-10:00	56.2	63.4	56.2	49.8	70.2	67.7
10:00-11:00	54.1	66.1	57.4	56.5	74.6	69.2
11:00-12:00	58.7	68.3	57.4	56.1	68.4	61.1
12:00-13:00	58.3	69.5	54.2	55.6	69.3	65.5
13:00-14:00	58.1	70.8	54.7	56.5	58.4	59.0
14:00-15:00	57.1	68.4	58.5	55.5	59.3	56.5
15:00-16:00	58.4	62.7	62.2	54.4	63.5	60.9
16:00-17:00	57.8	66.4	59.6	55.6	60.2	54.3
17:00-18:00	57.0	66.8	60.5	55.0	58.4	50.1
18:00-19:00	56.0	64.1	59.7	53.4	63.4	60.8
19:00-20:00	56.1	64.6	60.5	55.8	66.4	69.2
20:00-21:00	55.3	68.0	59.7	59.0	58.4	62.2
21:00-22:00	53.3	62.0	58.9	58.0	67.4	65.1
22:00-23:00	42.3	60.5	56.6	56.5	54.1	50.2
23:00-00:00	40.0	59.7	55.4	54.4	55.6	68.1
00:00-01:00	39.2	62.7	52.4	48.5	63.5	65.4
01:00-02:00	39.5	60.9	56.3	37.9	45.6	50.9
02:00-03:00	36.9	60.9	58.7	36.9	63.5	47.7
03:00-04:00	36.2	59.6	57.0	39.5	59.8	53.1
04:00-05:00	41.4	58.5	55.3	36.9	68.7	62.3
05:00-06:00	50.0	57.8	58.0	40.2	62.4	60.2

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is releable to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observations/Above given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.



ENVIRONMENTAL MONITORING REPORT

36. AMBIENT NOISE LEVEL MONITORING:-

Tables - 9 - Substation 8 (Marine Building) Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	9 - Substation 8 (Marine Building)					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	24.04.2023	31.05.2023	28.06.2023	31.07.2023	21.08.2023	14.09.2023
	& 25.04.2023	& 01.06.2023	& 29.06.2023	& 01.08.2023	& 22.08.2023	& 15.09.2023
6:00-7:00	54.9	58.8	73.4	44.1	65.4	59.3
7:00-8:00	64.9	57.6	73.0	46.0	63.2	53.2
8:00-9:00	65.7	56.9	73.6	66.8	69.4	57.9
9:00-10:00	54.7	55.3	74.2	68.9	72.1	68.5
10:00-11:00	54.9	56.4	60.5	59.0	70.4	61.8
11:00-12:00	57.0	54.8	59.2	60.9	68.4	63.2
12:00-13:00	58.0	54.2	56.8	58.9	57.1	51.5
13:00-14:00	58.3	54.7	64.4	61.7	52.3	55.7
14:00-15:00	58.3	58.5	64.2	58.1	63.5	63.5
15:00-16:00	59.8	62.2	73.4	57.3	65.2	67.3
16:00-17:00	59.8	59.6	73.5	54.1	48.6	56.1
17:00-18:00	58.9	60.5	73.6	51.9	65.2	60.5
18:00-19:00	58.0	59.7	73.6	50.0	48.6	52.6
19:00-20:00	59.9	60.5	73.7	48.0	56.8	49.9
20:00-21:00	61.9	59.7	73.5	47.2	60.3	54.0
21:00-22:00	60.9	58.9	73.4	46.6	68.5	61.4
22:00-23:00	58.3	56.6	61.1	46.1	56.8	57.2
23:00-00:00	58.3	55.4	66.9	49.5	59.2	66.1
00:00-01:00	56.7	53.1	57.9	41.6	50.7	52.4
01:00-02:00	55.6	52.9	48.8	37.4	56.3	48.2
02:00-03:00	54.7	56.7	49.1	36.2	58.6	57.5
03:00-04:00	54.3	57.0	47.9	39.7	64.5	60.9
04:00-05:00	53.9	55.3	47.2	42.4	42.1	49.3
05:00-06:00	54.4	58.0	46.1	44.3	65.3	60.7

*dB(A) Leq: denotes the time weighted average of the level of sound in dB, Leq on scale A which is referable to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observation: Above given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

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36. AMBIENT NOISE LEVEL MONITORING:-

Tables - 10 - Rock Bond Approach (Jetty) Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	10 - Rock Bond Approach (Jetty)					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	21.04.2023	29.05.2023	26.06.2023	27.07.2023	21.08.2023	14.09.2023
	& 22.04.2023	& 30.05.2023	& 27.06.2023	& 28.07.2023	& 22.08.2023	& 15.09.2023
6:00-7:00	44.1	60.1	62.4	54.9	64.2	60.3
7:00-8:00	46.0	57.0	60.6	64.9	56.3	65.2
8:00-9:00	66.8	57.6	60.3	65.7	54.8	58.4
9:00-10:00	68.9	65.1	59.8	54.7	60.2	63.4
10:00-11:00	59.0	59.3	61.3	54.9	63.6	58.6
11:00-12:00	60.9	62.2	58.0	57.0	68.2	61.9
12:00-13:00	58.9	66.5	60.4	58.0	53.2	55.0
13:00-14:00	61.7	64.7	60.5	58.3	69.2	63.1
14:00-15:00	58.1	65.0	60.9	58.3	54.2	57.3
15:00-16:00	57.3	64.4	64.1	59.8	53.2	64.4
16:00-17:00	54.1	63.4	64.7	59.8	68.2	70.2
17:00-18:00	51.9	61.7	61.1	58.9	52.3	56.6
18:00-19:00	50.0	59.0	61.3	58.0	64.2	62.9
19:00-20:00	48.0	57.1	63.0	59.9	58.5	52.7
20:00-21:00	47.2	56.0	62.8	61.9	63.2	56.9
21:00-22:00	46.6	55.7	62.0	60.9	59.5	55.3
22:00-23:00	46.1	55.4	61.0	58.3	52.3	65.8
23:00-00:00	49.5	54.0	55.5	58.3	62.5	63.1
00:00-01:00	41.6	54.6	56.4	56.7	57.2	57.3
01:00-02:00	37.4	55.1	59.5	55.6	55.6	64.4
02:00-03:00	36.2	54.7	59.5	54.7	49.2	70.2
03:00-04:00	39.7	54.1	59.4	54.3	48.7	58.3
04:00-05:00	42.4	54.1	59.9	53.9	62.5	60.5
05:00-06:00	44.3	54.6	60.0	54.4	54.0	57.2

*dB(A) Leq, denotes the time weighted average of the level of sound in decibels on scale A which is referable to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observations: Above given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

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3G. AMBIENT NOISE LEVEL MONITORING: -

Tables - 11 - ISPS Gate Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	11 - ISPS Gate					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	10.04.2023 & 11.04.2023	11.05.2023 & 12.05.2023	12.06.2023 & 13.06.2023	10.07.2023 & 11.07.2023	18.08.2023 & 19.08.2023	18.09.2023 & 19.09.2023
6:00-7:00	69.9	58.3	59.7	58.6	65.2	65.2
7:00-8:00	67.6	60.4	57.6	57.8	67.3	60.1
8:00-9:00	67.2	61.9	56.9	59.3	65.3	58.2
9:00-10:00	68.1	62.7	62.0	56.2	68.2	53.5
10:00-11:00	66.6	57.5	59.8	54.0	60.1	56.1
11:00-12:00	69.1	56.8	57.1	58.7	64.2	59.7
12:00-13:00	70.2	59.2	54.2	58.3	63.1	68.4
13:00-14:00	71.0	58.6	54.7	58.1	53.2	61.2
14:00-15:00	72.3	55.3	56.4	57.1	68.2	55.6
15:00-16:00	70.5	61.9	59.9	58.4	63.5	69.8
16:00-17:00	71.9	62.3	59.6	57.8	60.5	58.3
17:00-18:00	69.7	57.9	60.5	57.0	71.3	52.4
18:00-19:00	65.6	55.9	59.7	56.0	67.6	60.1
19:00-20:00	68.2	51.4	60.5	56.1	65.2	55.5
20:00-21:00	64.3	52.1	59.7	55.3	69.4	66.0
21:00-22:00	62.8	53.8	58.9	53.3	66.1	70.5
22:00-23:00	61.9	54.6	56.6	42.3	59.9	52.6
23:00-00:00	65.6	55.1	53.1	40.0	54.2	50.4
00:00-01:00	64.8	58.8	58.4	39.2	61.2	66.2
01:00-02:00	63.9	57.5	56.3	39.5	58.6	54.7
02:00-03:00	60.4	55.1	58.7	36.9	63.2	60.9
03:00-04:00	59.8	51.0	57.0	36.2	51.2	59.4
04:00-05:00	57.3	50.9	55.3	41.4	64.1	69.3
05:00-06:00	60.2	54.5	58.0	50.0	58.4	58.0

*dB(A) Leq, denotes the time weighted average of the level of sound in decibels on scale A which is relative to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observations: Above given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

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3G. AMBIENT NOISE LEVEL MONITORING: -

Tables - 12 - CG - 1 Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	12 - CG - 1					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	07.04.2023 & 08.04.2023	08.05.2023 & 09.05.2023	08.06.2023 & 09.06.2023	07.07.2023 & 08.07.2023	18.08.2023 & 19.08.2023	18.09.2023 & 19.09.2023
6:00-7:00	56.9	58.6	50.1	61.6	68.2	69.9
7:00-8:00	61.1	56.9	52.0	58.8	73.8	70.3
8:00-9:00	62.7	61.1	51.9	59.3	71.4	64.2
9:00-10:00	58.3	62.7	52.4	60.8	68.9	61.0
10:00-11:00	58.1	58.3	52.4	58.1	63.8	63.8
11:00-12:00	57.6	58.1	52.7	56.3	65.3	65.3
12:00-13:00	68.7	68.7	52.2	54.7	68.4	59.2
13:00-14:00	70.0	70.0	52.9	53.6	70.2	71.6
14:00-15:00	67.4	67.4	52.4	52.2	53.6	55.9
15:00-16:00	68.6	68.6	50.5	50.2	54.2	57.8
16:00-17:00	68.8	68.8	48.8	45.7	51.2	53.6
17:00-18:00	71.2	71.2	48.1	62.2	53.8	50.9
18:00-19:00	61.3	61.3	48.9	59.0	56.3	62.8
19:00-20:00	60.8	60.8	46.3	57.5	58.4	58.1
20:00-21:00	58.6	58.6	45.5	54.9	50.2	60.9
21:00-22:00	56.6	56.6	46.8	53.9	53.2	56.6
22:00-23:00	54.4	54.4	47.0	53.1	51.2	68.2
23:00-00:00	52.2	52.2	44.0	51.0	48.7	50.6
00:00-01:00	50.1	50.1	46.4	46.6	53.2	61.4
01:00-02:00	46.1	46.1	49.1	43.7	62.1	57.7
02:00-03:00	45.4	45.4	51.2	43.6	53.0	56.1
03:00-04:00	42.5	42.5	50.3	44.1	54.2	58.2
04:00-05:00	42.1	42.1	48.4	48.0	59.8	63.8
05:00-06:00	46.9	46.9	49.9	50.6	64.5	69.8

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relative to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observation: Above given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

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3G. AMBIENT NOISE LEVEL MONITORING:-

Tables - 13 - Behind Boundary of GCPTL Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	13 - Behind Boundary of GCPTL					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	05.04.2023 & 06.04.2023	04.05.2023 & 05.05.2023	05.06.2023 & 06.06.2023	05.07.2023 & 06.07.2023	16.08.2023 & 17.08.2023	21.09.2023 & 22.09.2023
6:00-7:00	59.3	58.9	62.4	59.7	58.6	61.2
7:00-8:00	57.6	60.6	60.6	58.4	63.5	59.8
8:00-9:00	56.9	61.5	61.5	58.5	68.3	55.3
9:00-10:00	62.0	58.7	59.9	63.7	64.5	60.4
10:00-11:00	56.4	59.4	58.0	60.7	54.2	54.2
11:00-12:00	54.8	58.0	60.7	58.6	62.3	65.2
12:00-13:00	54.2	60.4	60.8	57.8	68.5	61.7
13:00-14:00	54.7	60.5	60.5	60.7	62.5	60.8
14:00-15:00	58.5	60.9	60.9	59.5	58.7	53.3
15:00-16:00	62.2	64.1	64.1	59.3	60.2	64.6
16:00-17:00	59.6	64.7	64.7	57.9	60.2	66.0
17:00-18:00	60.5	61.1	61.1	57.2	58.2	64.2
18:00-19:00	59.7	61.3	61.3	58.5	65.2	57.9
19:00-20:00	60.5	63.0	63.0	57.4	68.5	70.7
20:00-21:00	59.7	62.8	62.8	57.3	70.2	65.9
21:00-22:00	58.9	62.0	62.0	59.6	59.6	56.7
22:00-23:00	56.6	61.0	61.0	60.4	66.8	66.8
23:00-00:00	55.4	55.5	55.5	59.7	64.2	67.2
00:00-01:00	58.4	56.4	56.4	57.0	68.4	61.9
01:00-02:00	56.3	59.5	59.5	57.1	60.5	57.2
02:00-03:00	58.7	59.5	59.5	59.2	54.6	51.2
03:00-04:00	57.0	59.4	59.4	61.9	47.6	66.0
04:00-05:00	55.3	59.9	59.9	60.5	49.1	60.2
05:00-06:00	58.0	60.0	60.0	59.6	58.4	55.6

*dB(A) Leq, denotes the time weighted average of the level of sound in decibels on scale A which is referable to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observation: Above given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

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3G. AMBIENT NOISE LEVEL MONITORING:-

Table-14-Lakhi Village (Below Conveyer Belt) Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	14 - Lakhi Village (Below Conveyer Belt)					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	12.04.2023 & 19.04.2023	15.05.2023 & 16.05.2023	16.06.2023 & 17.06.2023	13.07.2023 & 14.07.2023	16.08.2023 & 17.08.2023	21.09.2023 & 22.09.2023
6:00-7:00	56.9	46.6	56.4	53.7	48.5	55.6
7:00-8:00	57.8	41.4	52.0	48.5	53.2	53.2
8:00-9:00	59.3	50.0	51.9	46.7	56.3	59.7
9:00-10:00	56.2	54.0	52.4	45.4	54.8	60.8
10:00-11:00	54.0	57.8	49.1	47.0	56.2	66.2
11:00-12:00	58.7	59.3	51.2	50.4	48.2	51.9
12:00-13:00	58.3	56.2	52.6	57.9	63.5	65.7
13:00-14:00	58.1	54.1	52.9	58.7	54.2	54.2
14:00-15:00	57.1	58.7	52.4	57.1	58.6	59.8
15:00-16:00	58.4	58.3	50.5	58.7	53.6	57.6
16:00-17:00	57.8	58.1	48.8	57.8	49.2	66.2
17:00-18:00	57.0	57.1	48.1	57.2	50.2	59.9
18:00-19:00	56.0	58.4	48.9	54.1	65.2	62.6
19:00-20:00	56.1	57.8	46.3	53.4	49.5	56.9
20:00-21:00	55.3	57.0	45.5	53.5	52.4	58.2
21:00-22:00	53.3	56.0	47.2	53.6	48.2	61.2
22:00-23:00	42.3	56.1	46.1	53.0	52.3	64.3
23:00-00:00	40.0	55.3	44.0	54.1	50.2	59.9
00:00-01:00	39.2	53.3	46.4	54.9	49.8	70.8
01:00-02:00	39.5	42.3	49.1	54.0	46.1	65.2
02:00-03:00	36.9	40.0	51.2	53.3	54.2	68.5
03:00-04:00	36.2	39.2	52.6	52.3	56.8	56.8
04:00-05:00	41.4	39.5	54.2	52.3	51.3	50.3
05:00-06:00	50.0	36.9	49.9	48.1	58.4	55.5

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is referable to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observations/below given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

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36. AMBIENT NOISE LEVEL MONITORING:-

Tables - 15 - JS - 1 (Nr.Lakhigam) Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	15 - JS - 1 (Nr.Lakhigam)					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	10.04.2023	11.05.2023	12.06.2023	10.07.2023	10.08.2023	25.09.2023
	& 11.04.2023	& 12.05.2023	& 13.06.2023	& 11.07.2023	& 11.08.2023	& 26.09.2023
6:00-7:00	67.8	69.4	62.4	60.4	65.2	60.9
7:00-8:00	71.1	67.8	60.6	57.6	68.6	53.4
8:00-9:00	72.3	71.1	61.5	56.9	63.5	66.6
9:00-10:00	68.9	72.3	59.1	58.2	61.2	64.9
10:00-11:00	59.0	68.9	61.0	56.4	65.3	59.2
11:00-12:00	60.9	59.0	62.8	54.8	60.2	52.3
12:00-13:00	62.4	62.4	60.4	54.2	62.4	60.1
13:00-14:00	61.7	61.7	60.5	54.7	67.6	57.1
14:00-15:00	58.1	58.1	60.9	58.5	65.3	61.3
15:00-16:00	57.3	57.3	64.1	62.2	69.0	54.2
16:00-17:00	54.1	54.1	64.7	59.6	63.2	58.1
17:00-18:00	51.9	51.9	61.1	60.5	58.5	54.4
18:00-19:00	50.0	50.0	61.7	59.7	60.1	59.0
19:00-20:00	48.0	48.0	62.8	60.5	59.2	66.9
20:00-21:00	47.2	47.2	62.8	59.7	68.5	70.3
21:00-22:00	46.6	49.6	62.0	58.9	60.2	68.4
22:00-23:00	46.1	48.1	61.0	56.6	56.7	64.6
23:00-00:00	49.5	49.5	55.5	53.1	53.4	55.3
00:00-01:00	54.0	54.0	56.4	58.4	60.2	59.2
01:00-02:00	58.2	58.2	59.5	56.3	61.3	65.4
02:00-03:00	60.7	60.7	59.5	58.7	58.2	60.9
03:00-04:00	62.2	62.2	59.4	57.0	60.2	51.7
04:00-05:00	69.7	59.7	59.9	55.3	59.8	57.3
05:00-06:00	68.8	57.8	60.0	58.0	63.5	63.5

*dB(A) Leq. denotes the time weighted average of the level of sound in decibels on scale A which is relative to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observations: Above given results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

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36. AMBIENT NOISE LEVEL MONITORING:-

Tables - 16 - JS - 2 Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	16 - JS - 2					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	12.04.2023 & 13.04.2023	15.05.2023 & 16.05.2023	16.06.2023 & 17.06.2023	13.07.2023 & 14.07.2023	10.08.2023 & 11.08.2023	25.09.2023 & 26.09.2023
6:00-7:00	52.4	54.8	74.8	62.4	63.5	60.9
7:00-8:00	50.1	52.5	73.3	60.6	68.2	51.2
8:00-9:00	52.0	57.9	73.4	61.5	65.3	68.5
9:00-10:00	51.9	49.8	73.9	62.1	69.7	69.8
10:00-11:00	51.4	56.5	73.6	59.4	71.4	70.5
11:00-12:00	51.9	56.1	73.6	58.0	74.6	66.3
12:00-13:00	52.7	55.6	72.5	60.4	72.9	58.2
13:00-14:00	52.9	56.5	66.5	60.5	68.5	68.5
14:00-15:00	52.4	55.5	65.4	60.9	69.3	64.7
15:00-16:00	50.5	54.4	74.4	64.1	72.5	70.1
16:00-17:00	48.8	55.6	74.1	64.7	70.6	61.2
17:00-18:00	48.1	55.0	73.6	61.1	73.4	66.4
18:00-19:00	48.9	53.4	72.2	61.3	65.8	58.2
19:00-20:00	46.3	55.8	72.1	63.0	69.8	59.9
20:00-21:00	45.5	59.0	71.3	62.8	70.6	64.8
21:00-22:00	42.8	58.0	74.7	62.0	72.6	55.6
22:00-23:00	43.0	56.5	74.4	61.0	68.7	65.1
23:00-00:00	44.0	54.4	68.9	55.5	65.5	62.7
00:00-01:00	46.4	48.5	68.8	56.4	62.1	58.4
01:00-02:00	49.1	37.9	63.0	59.5	57.8	52.9
02:00-03:00	51.2	36.9	68.8	59.5	59.1	48.4
03:00-04:00	52.6	39.5	66.0	59.4	56.4	51.3
04:00-05:00	54.2	36.9	67.9	59.9	60.2	56.7
05:00-06:00	49.9	40.2	67.0	60.0	62.1	60.1

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relative to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observations/Above given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

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36. AMBIENT NOISE LEVEL MONITORING:-

Tables - 17 - Silo Loading Point Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	17 - Silo Loading Point					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	21.04.2023 & 22.04.2023	29.05.2023 & 30.05.2023	26.06.2023 & 27.06.2023	27.07.2023 & 28.07.2023	07.08.2023 & 08.08.2023	27.09.2023 & 28.09.2023
6:00-7:00	58.2	54.9	57.8	45.4	65.3	61.2
7:00-8:00	56.5	64.9	59.3	41.8	66.4	70.6
8:00-9:00	56.8	65.7	56.2	43.3	63.5	66.8
9:00-10:00	56.0	54.7	51.0	45.6	65.8	62.1
10:00-11:00	65.4	54.9	56.6	45.9	62.3	59.6
11:00-12:00	69.6	57.0	57.9	50.6	61.5	70.8
12:00-13:00	71.2	58.0	57.4	47.3	61.5	57.5
13:00-14:00	72.9	58.3	58.0	48.1	69.8	63.8
14:00-15:00	70.3	58.3	57.7	50.0	60.5	64.2
15:00-16:00	73.1	59.8	56.5	50.8	69.5	57.2
16:00-17:00	72.4	59.8	55.8	51.0	53.0	59.4
17:00-18:00	69.1	58.9	56.7	50.8	58.4	66.7
18:00-19:00	65.3	58.0	56.0	50.9	74.5	70.0
19:00-20:00	62.9	59.9	56.1	51.0	60.5	67.8
20:00-21:00	61.4	61.9	55.3	49.1	51.7	57.3
21:00-22:00	58.7	60.9	53.3	39.6	60.2	60.2
22:00-23:00	61.5	58.3	42.3	36.0	52.3	55.6
23:00-00:00	62.5	58.3	40.0	35.1	48.6	58.2
00:00-01:00	63.7	56.7	39.2	40.0	45.7	61.9
01:00-02:00	60.3	55.6	39.5	42.7	54.2	54.2
02:00-03:00	60.1	54.7	36.9	44.4	48.2	51.3
03:00-04:00	56.8	54.3	36.2	46.3	49.5	49.5
04:00-05:00	59.1	53.9	41.4	42.2	50.2	57.6
05:00-06:00	58.6	54.4	50.0	37.2	58.4	55.2

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relative to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observations: Above given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

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36. AMBIENT NOISE LEVEL MONITORING: -

Tables - 18 - Railway Dead End Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	18 - Railway Dead End					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	19.04.2023	25.05.2023	23.06.2023	24.07.2023	07.08.2023	27.09.2023
	& 20.04.2023	& 26.05.2023	& 24.06.2023	& 25.07.2023	& 08.08.2023	& 28.09.2023
6:00-7:00	42.9	48.6	53.1	41.4	58.1	59.1
7:00-8:00	41.8	43.5	52.0	50.0	56.3	62.5
8:00-9:00	43.3	45.5	51.9	54.0	62.5	66.4
9:00-10:00	45.6	46.6	52.4	57.8	58.6	60.1
10:00-11:00	42.8	50.2	52.3	59.3	60.1	54.8
11:00-12:00	44.7	54.9	51.6	56.2	51.7	59.7
12:00-13:00	47.3	65.3	52.7	54.1	56.2	56.2
13:00-14:00	48.1	56.0	52.9	60.6	58.4	58.4
14:00-15:00	50.0	57.4	52.4	58.7	59.4	61.8
15:00-16:00	50.8	54.2	50.5	58.3	60.2	63.5
16:00-17:00	51.0	54.9	48.8	58.1	56.3	57.8
17:00-18:00	50.8	56.0	48.1	57.1	63.5	67.9
18:00-19:00	50.9	54.2	48.9	58.4	64.2	66.4
19:00-20:00	51.0	53.0	46.3	57.8	67.3	68.6
20:00-21:00	49.1	63.6	45.5	57.0	51.2	57.4
21:00-22:00	39.6	47.8	46.8	56.0	54.9	61.2
22:00-23:00	36.0	43.2	47.0	56.1	63.5	63.5
23:00-00:00	37.1	41.6	44.0	55.3	49.5	60.8
00:00-01:00	40.0	39.7	46.4	53.3	58.1	58.1
01:00-02:00	42.7	39.9	49.1	42.3	63.5	63.5
02:00-03:00	44.4	38.0	51.2	40.0	58.4	56.9
03:00-04:00	46.3	36.5	52.6	39.2	54.2	61.8
04:00-05:00	52.2	36.3	54.2	39.5	65.2	65.2
05:00-06:00	37.2	38.2	49.9	36.9	57.2	57.2

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is reliable to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observation/Above given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

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36. AMBIENT NOISE LEVEL MONITORING: -

Tables - 19 - Loco Shed Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	19 - Loco Shed					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	14.04.2023	18.05.2023	19.06.2023	17.07.2023	03.08.2023	29.09.2023
	& 15.04.2023	& 19.05.2023	& 20.06.2023	& 18.07.2023	& 04.08.2023	& 30.09.2023
6:00-7:00	58.4	46.9	74.2	53.6	74.2	59.1
7:00-8:00	57.6	41.8	73.6	51.0	72.5	55.7
8:00-9:00	58.9	43.3	73.3	51.2	65.3	69.2
9:00-10:00	62.0	45.6	72.1	54.6	68.1	70.8
10:00-11:00	56.4	48.8	71.6	55.3	60.5	67.7
11:00-12:00	54.8	46.2	73.5	57.9	77.1	71.3
12:00-13:00	54.2	47.3	74.1	58.7	71.4	60.5
13:00-14:00	54.7	48.1	74.3	57.1	73.0	58.8
14:00-15:00	58.5	50.0	73.8	58.7	64.5	68.1
15:00-16:00	62.2	50.8	73.9	57.8	68.5	65.4
16:00-17:00	59.6	51.0	73.3	57.2	63.1	50.9
17:00-18:00	60.5	50.8	74.4	52.5	66.8	57.7
18:00-19:00	59.7	50.9	74.8	54.0	56.2	53.1
19:00-20:00	60.5	51.0	74.7	52.1	68.4	52.6
20:00-21:00	59.7	49.1	74.6	50.6	69.5	56.3
21:00-22:00	58.9	39.6	74.4	52.4	58.6	54.0
22:00-23:00	56.6	36.0	74.7	53.4	60.2	61.4
23:00-00:00	55.4	34.9	66.0	52.6	58.4	50.4
00:00-01:00	58.1	40.0	68.8	47.9	54.6	66.2
01:00-02:00	56.3	42.7	67.7	41.8	59.1	48.1
02:00-03:00	58.7	44.4	64.5	40.9	61.4	60.9
03:00-04:00	57.0	46.3	66.9	41.6	66.2	64.2
04:00-05:00	55.3	52.2	68.7	44.8	69.1	61.8
05:00-06:00	58.0	37.2	63.8	49.8	68.4	58.7

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relative to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observation: Above given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

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3G. AMBIENT NOISE LEVEL MONITORING: -

Tables - 20 - Behind Silo (S-11) Ambient Noise Level Monitoring Results during the Day Time and Night Time in dB(A)Leq for the period of April-2023 to September-2023

Sampling Location	20 - Behind Silo (S-11)					
	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Date of Monitoring	05.04.2023 & 06.04.2023	04.05.2023 & 05.05.2023	05.06.2023 & 06.06.2023	05.07.2023 & 06.07.2023	03.08.2023 & 04.08.2023	29.09.2023 & 30.09.2023
6:00-7:00	62.9	59.1	58.8	55.2	68.4	60.1
7:00-8:00	60.6	57.6	57.6	56.7	65.4	63.5
8:00-9:00	61.5	56.9	56.9	57.5	69.2	65.3
9:00-10:00	60.6	58.3	62.0	57.8	68.2	71.2
10:00-11:00	59.4	56.4	54.5	59.3	65.1	50.2
11:00-12:00	58.0	54.8	54.8	56.2	63.4	63.4
12:00-13:00	60.4	54.2	54.2	54.1	71.2	61.2
13:00-14:00	60.5	54.7	54.7	60.6	63.5	63.5
14:00-15:00	60.9	58.5	58.5	58.7	59.1	66.2
15:00-16:00	64.1	62.2	62.2	58.3	60.1	60.1
16:00-17:00	64.7	59.6	59.6	58.1	63.5	63.5
17:00-18:00	61.1	60.5	60.5	57.1	65.3	65.3
18:00-19:00	61.3	59.7	59.7	58.4	71.2	71.2
19:00-20:00	63.0	60.5	60.5	57.8	68.5	68.5
20:00-21:00	62.8	59.7	59.7	57.0	63.4	64.2
21:00-22:00	62.0	58.9	58.9	56.0	69.4	66.8
22:00-23:00	61.0	56.6	56.6	56.1	62.3	62.3
23:00-00:00	55.5	55.4	53.8	55.3	60.6	61.0
00:00-01:00	56.4	53.7	58.4	55.5	54.5	50.6
01:00-02:00	59.5	56.3	56.3	57.8	51.2	54.2
02:00-03:00	59.5	58.7	58.7	54.7	58.4	47.4
03:00-04:00	59.4	57.0	57.0	53.6	62.0	55.9
04:00-05:00	59.9	55.3	55.3	53.4	65.4	57.5
05:00-06:00	60.0	58.0	58.0	52.7	64.2	58.2

*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relative to human hearing.

Day Time shall mean from 6:00 am to 10:00 pm and Night Time shall mean from 10:00 pm to 06:00 am.

Observation: Above given Results are within the specified norms as per The Noise Pollution (Regulation and Control) Rules 2000.

KADAM ENVIRONMENTAL CONSULTANTS

An ISO 9001-2015 Certified Company

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871/B/3, Near Himalaya Machinery, GIDC Makarpura, Vadodara-10.
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ENVIRONMENTAL MONITORING REPORT

3H. DG SETS STACK EMISSION AND NOISE LEVEL MONITORING: -

Table No.: 3H.1 – DG Sets Stack Emission Monitoring Results for the period: April-2023 to September-2023

Sr. No.	Parameters	Unit	May-23				
			30.05.2023				
			D.G.Set (SS 7 B) (200 KVA)	D.G.Set (SS-5) (125 KVA)	D.G.Set (SS-7 A) (125 KVA)	D.G.Set (SS-8) (125 KVA)	D.G.Set (SS-11) (380 KVA)
1	Particulate Matter	mg/Nm ³	47	38	44	51	41
2	Sulphur Dioxide(SO ₂)	ppm	16.04	13.35	14.62	18.05	16.51
3	Oxides of Nitrogen (NO _x)	ppm	9.4	7.64	8.87	10.36	9.82
4	Carbon Monoxide	mg/Nm ³	55.56	61.23	49.78	81.82	74.11

Sr. No.	Parameters	Unit	Aug-23				
			31.08.2023				
			D.G.Set (SS 7 B) (200 KVA)	D.G.Set (SS-5) (125 KVA)	D.G.Set (SS-7 A) (125 KVA)	D.G.Set (SS-8) (125 KVA)	D.G.Set (SS-11) (380 KVA)
1	Particulate Matter	mg/Nm ³	43	40	47	50	36
2	Sulphur Dioxide(SO ₂)	ppm	14.58	16.31	13.6	15.29	14.9
3	Oxides of Nitrogen (NO _x)	ppm	8.2	9.05	7.83	9.28	7.21
4	Carbon Monoxide	mg/Nm ³	73.05	65.95	70.42	77.4	68.13

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ENVIRONMENTAL MONITORING REPORT

Table No.: 3H.3 - DG Sets Noise Level Monitoring Results for the period: April-2023 to September-2023

DG Set Average Noise Level In Leq. dB(A)

Sr. No.	Sampling Location	At 1 m from the enclose outside	
		May-23	Aug-23
		31.05.2023	31.08.2023
1.	D.G.Set (7 B)	74.8	65.4
2.	D.G.Set (SS-5)	69.7	68.2
3.	D.G.Set (SS-7 A)	70.2	60.8
4.	D.G.Set (Marine Building)	65.9	67.8
5.	D.G.Set (SS-11)	71.8	61.0

A handwritten signature in blue ink, appearing to be 'Sudhakar', is located in the lower right quadrant of the page.

**Annexure 4 Green Zone Detail
Adani Petronet Dahej Port Ltd**

Sr.No.	Green Zone	Location	Area In (Ha.)	Tree(No.)	Name of Plants	Shrubs(Sqm)	Green carpet(Sqm)	Palm	Remark	
1	68 (a)	CG-3	0.02		Ixora	200				
			0.01		Hibicus	139				
			0.03		Eranthemum	270				
		PMC office area Landscape	0.45	500	Delonix regia					
			0.23	250	cassia simia					
			0.20	450	Coconut spp.					
			0.10		Shrub	1000				
			0.07		lilly	730				
			0.15		Lawn		1500			
			0.020		Palm				50	
			0.008000	20	peltoferum					
Back side lakhibaba temple @Boundary site plantation (phase -1)	0.39	1700	Casurina Equisitifolia							
		821	eucalyptus							
Back side lakhibaba temple @Boundary site plantation (phase -1 a)	0.27	600	Casurina Equisitifolia							
Total			1.95	4341		2339	1500	50		
2	68 (b)	Gcptcl boudry wall site plantation (phase-1)	1.35	6000	Casurina Equisitifolia					
		APPPL office area (SS-7)	0.36	450	Delonix regia					
		ODC GATE	0.01	51	Conocarpus					
		Gcptcl boudry wall site plantation (phase-1 a)	0.16	700	Delonix regia					
			0.10		Shrub	1000				
			0.8		Lawn		8000			
			0.04		Palm				100	
		Total			2.81	7201		1000	8000	100
3	68(C)	LNG Site Boundry wall site plantation	0.95	4200	Casurina Equisitifolia					
			0.04		Palm				100	
Total			0.99	4200		0	0	100		
4	68 (d)	Stack yard	0.72	3200	Casurina Equisitifolia					
			Total			0.72	3200.00			
5	68 (e)	Road site Avenue tree plantation	0.77	1700	Casurina Equisitifolia					
			1.53	2000	Conocarpus					
				3358	eucalyptus					
				90	Azardirecta indica					
				208	Cassia siamea					
				217	Techoma					
				90	Gulmochar					
				235	peltoferum					
			1.08	1800	Conocarpus					
			0.30		Shrub	3000				
			0.02		Lawn			200		
0.08		Palm					200			
Total			3.78	9698.00		3000.00	200.00	200.00		
6	68 (f)	Main gate Area	Beautifiction from Main Gate to GCPL Divider (Bhutmama Temple)		0.39		neerium	2200.00		
			3.75	1500	Peltofouram					
			0.60	500	Azardirecta indica					
			0.26	320	Conocarpus					
			0.32	810	Conocarpus					
			0.24	525	Casurina Equisitifolia					
			0.35	220	Conocarpus					
			0.23	500	Golden Bamboo					
			0.35		Shrub	3450				
			0.25		Lawn			2500		
Total			6.73	4375.00		5650.00	2500.00	0.00		
7	68 (g)	Railway yard area Phase 1	1.13	5000	Casurina Equisitifolia					
			0.0175	175	Paltoferum					
			1.13	5000	Casurina Equisitifolia					
			0.15	255	Conocarpus					
			0.30	500	eucalyptus					
			0.08		Palm				200	
			Total			2.80	10930.00		0.00	0.00
8	68 (h)	cg-2	0.05	500.00	Conocarpus					
			0.0130		neerium	130.00				
		Permenant Godown area	0.44	1680	Shrubs and forest tree plantation					
			0.15		Srubb	1500				
			0.21		Lawn		2100			
			0.06		Palm				150	
		Coal Yard Area	1.23	3086	Conocarpus /Casurina					
			0.13	560	Conocarpus					
				3526	eucalyptus					
			0.03	120	peltoferum					
			0.12		Lawn	1200				
		Perifery road side and Behind W B 6	1.32	5860	eucalyptus /conocarpus					
		Dahej Ramji Temple Green belt	0.05		Shrub		500			
			0.24		Palm				150	
0.72	800		Peltofouram /Azardirecta indica/ Conocarpus/ Palm							
Total			4.76	16132.00		2830.00	2600.00	300.00		
9	68(i)	YARD 16 (NEW ROCK YARD)and near area	0.28	2807	Casurina eucalyptus					
				104						
			0.09		Bougainvelliya	888				
			0.09		Neerium	888				
			0.03	300	Conocarpus					
Safety Excellence Center	0.06		Lawn		600					
Total			0.55	3211.00		1776.00	0.00	0.00		
10	68(j)	Fruit Plantation Area	90		Sapota					
			16		mulberry					
			5		pomegranate					
			38		gauva					
			12		sitafal					
			17		Lemon					
			20		Black Jamun Plant					
			18		amla					
Total			0.19	216.00						
Grand Total			25.27	63504.00		16595.00	14800.00	950.00		

Annexure – 5: Environment Budget and Expenditure for the FY: 2023-24

S. NO.	ACTIVITY/ CATEGORY	COST INCURRED (IN LACS)			BUDGETED COST (INR IN LACS)
		2021-2022	2022-2023	2023-2024	2023-2024
1.	EHS Manpower	5.5	6.0	3.25	6.5
2.	Legal & Statutory Expenses	1.12	1.12	3.0	4.5
3.	Environmental Monitoring Services	14.71	14.71	5.41	13.10
4.	Cost for Water Consumption and use dust suppression	84.62	272.13	102.76	218.81
5.	Hazardous Waste Management & Disposal	1.32	2.0	0	2.18
6.	Greenbelt Development and Plantation	38.0	38.42	20.05	51.44
7.	O&M of Sewage Treatment Plant	5.99	6.0	3.26	6.79
8.	Environment Day Celebration	0.36	0.35	0.37	0.50
9.	Treatment and Disposal of Bio-Medical Waste	1.92	2.10	1.12	2.20
10.	Operation and Maintenance of Road Cleaning equipment and manpower	61.68	55.79	26.70	59.0
11.	Operation and Maintenance of Fire staff engage in water sprinkling activity	99.04	88.21	35.65	92.99
12.	Environmental Study / Audit and Consultancy	0.54	3.90	-	-
13.	Bio Shield Project at village Malpur & Jambusar, Bharuch 1000m x 200m(1.0km)	4.07	2.30	-	-
Total Amount (In Lacs)		319.26	487.53	201.57	458.01

**Annexure-6: Compliance Status of EMP as mentioned in the EIA study For Phase-III
Expansion of Adani Petronet (Dahej) Port Ltd.,**

S. No.	EMP Conditions	Compliance Status
A.	ENVIRONMENTAL MANAGEMENT PLAN (CONSTRUCTION PHASE)	
1.1	Air Quality Management Plan	
	Dust suppression systems will be installed for fugitive dust emission control while undertaking civil works.	Complying with. Water sprinkler is being used to suppress the fugitive dust during construction activity.
	Regular wetting of roads will be undertaken on the paved and unpaved artillery roads.	Complying with. Regular wetting of roads is undertaken on the paved and unpaved arterial roads.
	Vehicle tyre washing facilities will be provided at the entrance to prevent spillover of dust sticking on tyre outside the facility.	Complied APDPL has installed a truck tyre washing system within the port premises, which washes the tyre of trucks exiting the port area.
	Construction materials kept in open area will be provided with barrier in order to prevent wind carryover of dust.	Complying with. Construction material is being kept in a secure area.
	Construction materials transportation in and outside the port will be appropriately covered to prevent fugitive dust emissions.	Complying with. Material transportation is being done through trucks covered with tarpaulin.
	Civil and Mechanical fabrication works will be carried out within the port facility at an appropriate location to avoid impact on the local air quality at project construction site.	Complying with. Civil and Mechanical fabrication is being done within the port premises.
	All construction equipment's at site will be subjected to regular maintenance to minimize the vehicle exhaust.	Complying with. All vehicles are being regularly maintained to minimize the vehicle exhaust.
	All trucks deployed at site will be provided with fitness and pollution under control certificate.	Complying with. All vehicles are being checked for PUC Certificate.
	DG set with appropriate stack height as per CPCB guidelines for effective dispersion of pollutants shall be provided.	Complying with. All DG sets (standby source) are provided with stack height in compliance to the CPCB standards.
1.2	Noise Quality Management Plan	
	DG set with acoustic enclosure will be installed for power supply to construction activities.	Complying with. All DG sets (standby source) are provided with acoustic enclosures.
	All high decibel noise generating equipment's should be repaired to meet the compliance noise level.	Complying with. Noise generating equipment's are provided with acoustic enclosures.
	No activity involving with high intensity and magnitude of operation should be deployed. Silencers will be provided in Vehicle exhaust.	Complying with. <ul style="list-style-type: none"> • All construction and operation activities are in compliance with the Noise level Norms. • Monitoring of noise level is being done by M/s Kadam Environment Consultant, NABL accredited, and MoEF&CC recognized laboratory. • Monitoring reports are presented in the Annexure 3G.

S. No.	EMP Conditions	Compliance Status
	Onsite fabrication activities will be undertaken at a designated location, which should be located away from the office buildings and any other working areas.	Complying with. Separate designated fabrication yard has been provided.
	In case noise emissions from the fabrication activities exceed a level of 85 dB(A) at the fence-line of the fabrication yard, temporary noise barrier will be installed.	Complying with. <ul style="list-style-type: none"> • There is no occasion till date for exceeding the noise level at the port boundary. • Persons working in the fabrication yard are provided with PPEs.
	Portable diesel engine generators and diesel engine driven compressors, if any, will be covered with acoustic enclosures.	Complying with. All noise generating equipment's are provided with acoustic enclosures.
1.3	Sewage Management Plan	
	Sewage generated from the construction site will be treated in existing STP of 27 m ³ capacity.	Complying with. Domestic effluent is being treated in STPs. The treated water confirming to the norms is being used for horticulture purpose. The monitoring results of the treated wastewater from STP for the period from April 2023 to September 2023 are enclosed as Annexure -3F .
	Treated water will be used for green belt development / landscaping after achieving GPCB prescribed standards.	
1.4	Solid and Hazardous Waste Management Plan	
	Solid waste generated will be segregated at source for biodegradable and non-biodegradable with an option of reuse or recycle before disposal	Complying with. <ul style="list-style-type: none"> • All solid waste is being segregated for biodegradable and non-biodegradable. • Biodegradable waste is being decomposed in vermicomposting yard and other waste is being disposed in compliance to the Solid Waste Management Rules - 2016.
	All hazardous waste generated will be categorized as per Hazardous Waste Management Rules, 2008.	Complying with. Hazardous waste is being managed in compliance to the Hazardous Waste Management Rules 2016.
	Recycle/Reuse waste will be sold to authorized recyclers	Complying with. Recyclable waste such as used oil, Discarded drum etc. is being sold to authorize recyclers only.
1.5	Construction Phase Storm Water Runoff	
	Existing storm water drainage network will be further strengthened and developed near the project site to prevent surface runoff to the sea.	Complying with. Storm water drainage system has been provided and regular maintenance is being done.
B.	ENVIRONMENTAL MANAGEMENT PLAN (OPERATION PHASE)	
2.1	Air Quality Management Plan - Coal Handling and Stock Yard Area:	
	Appropriate stack height will be provided to DG sets to disperse the gases into the atmosphere as per the guidelines suggested by Central Pollution Control Board.	Complying with. All DG sets (standby source) are provided with stack height in compliance to the CPCB standards.
	Existing Port has installed robust dry fog dust suppression system (DFDS) at the Jetty, conveyor belt, transfer tower, and discharge point at coal stack yard area. Various types of	Complying with. All dust control systems are maintained and operating well.

S. No.	EMP Conditions	Compliance Status
	<p>water spray nozzles have been installed and the water spray is carried out through atomized water spray over the sources using compressors thereby controlling the fugitive dust effectively. Total number of nozzles installed in the port is 350 nos. It is recommended to maintain the same systems for the proposed project activities</p>	<p>APDPL has constructed 10 KM long fully mechanized closed conveyor belt with water sprinkling facility for transfer of coal from North Jetty to coal yard and also from coal yard to the rail wagon loading area at a cost of 150 crore. This closed conveyor system reduces the coal dust generation significantly.</p>
	<p>At coal stack yard, 100 sprinklers have been installed to control fugitive coal dust emissions. At a time 4 sprinklers will be operated and consumes water around 3600 LPM. Similarly, for the proposed expansion of port from 11.7 to 23 MMTPA such a robust DFDS and Sprinklers will be installed and maintained with maximum efficiency.</p>	<p>Complying with.</p> <ul style="list-style-type: none"> • At coal stack yard, 130 sprinklers are maintained and operating well. • Pavement of the additional storage area is completed. Installation of water sprinklers and other DSS measures will be complete before storage of coal.
	<p>To prevent wind carryover of dust from coal stack yard, wind barrier have been erected around the coal stock pile area at a height of 14m from the ground level. The wind barrier is of galvanized sheet with perforated holes to withstand high velocity wind has been fitted in the structural beams and erected in solid foundation thereby effectively control the wind carryover of dust from the stock piles.</p>	<p>Shall be complied.</p> <p>APPL has installed wind breaking wall for dust pollution control in the open coal yard. The wind breaker wall is a porous perforated barrier. At the back of the wall, a low-velocity zone is formed. It effectively reduces the average wind speed, thereby prevents dust from moving, and achieves the purpose of dust suppression. The benefits include;</p> <ul style="list-style-type: none"> ➤ Reduction of coal losses in open yard ➤ Saves water for dust suppression ➤ Improves the living conditions of local residents ➤ Improves the working conditions of the on-site staff <p>Wind break walls have been erected around the coal stock pile area at a height of 14 m from the ground level. The length, width and thickness of each galvanized sheet based wind break metal shield are about 2950 mm, 1250 mm and 0.7 mm respectively. The aperture is round shaped and diameter of each aperture is about 3.5 to 4 mm. The aperture occupies 30 - 40% of a wind break sheet. Several wind break metal sheets are connected together, and have been fitted in structural beams to control the wind carryover of the dust from the stockpiles. An amount of 58 crore is spent by APDPL in erecting and marinating the wind breaking wall around the coal yard</p> <p>Wind breaker of the same specification shall be provided in the additional storage area once completed.</p>
	<p>Road sweeping of dust is being undertaken using mobile van thereby preventing settled dust gets airborne due to movement of</p>	<p>Complying with.</p> <p>Road cleaning both inside and outside the port premises is a continuous activity</p>

S. No.	EMP Conditions	Compliance Status
	<p>vehicles and high wind velocity and the same is recommended.</p> <p>High-capacity vacuum cleaning machine installed at mobile truck is deployed for removal of dust settled on roads and the same practices will be implemented in the proposed project.</p>	<p>carried out by below two methods. The road sweeping by both methods is carried out till 3 Km from the port main gate on the main road leading to Dahej by APDPL.</p> <ul style="list-style-type: none"> • Road cleaning by sweeping machine: APDPL, have 02 nos. of large capacity road sweeping machine. Truck mounted Industrial Vacuum Cleaning Machines have road cleaning capacity substantially as the storage capacity of the chassis mounted vacuum machine are 04 tone/ hour each which allow rapid collection of spillage, dust and subsequent disposal. • Manual Road Cleaning: In addition to the sweeping machine APDPL has employed labour for continuous cleaning of roads both inside and outside the port area. It is done by three team consisting of 5 members each. All the coal dust collected is sent to the coal yard.
	<p>Regular wetting of the roads is undertaken through dedicated truck mounted spray arrangement with least water consumption. The same will be implemented in the proposed activities.</p>	<p>Complying with. Sprinkling of water is being done on the roads to control the dust.</p>
2.2	<p>Noise Control Management Plan</p> <p>High speed rotating equipments such as gantry cranes motors, hydraulic systems will be installed within-built acoustic systems to maintain the noise decibel as per the manufacturer specifications</p> <p>DG sets installed in open area will be provided with acoustic enclosure</p> <p>Compressors and Diesel generators and pump house will be installed in separate building provided with noise absorbing materials on the walls</p> <p>Movement of vehicles within the port will be restricted with speed control measures</p> <p>Using silent exhaustion pipes for major diesel engine vehicles and heavy trucks operated inside the port</p> <p>Planting trees which act as barrier to arrest dispersion of noise levels along the internal roads and port boundary</p>	<p>Shall be complied. Mechanization of the south jetty is yet to be done.</p> <p>Complying with. DG sets installed in open area are provided with acoustic enclosure</p> <p>Complying with. Compressor and DG sets & Pump house are installed in separate building and provided with acoustic enclosures.</p> <p>Complying with.</p> <ul style="list-style-type: none"> • Speed is limited within the port premises. • Proper signage also provided within the premises. <p>Complying with. All major diesel engine vehicles and heavy trucks operated inside the port are with silent exhaust.</p> <p>Complying with. Green belt is being developed in an area of 25.27 Ha. including periphery of the project boundary. The green belt has been</p>

S. No.	EMP Conditions	Compliance Status
		developed with plantation of native species and species which helps in creating a barrier for coal dust movement.
	Using electricity powered equipment inside the port instead of diesel-powered ones will be explored to the extent possible	Complying with. Liebherr & Gottwald Crane, Stacking & Reclaiming Conveyor, BWSR equipment are using electricity powered instead of diesel powered inside the port.
	Change management process will be implemented to modify operation to address noise pollution if occurs	Complying with. APDPL is certified with the ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018, ISO 50001:2018, ISO 28000:2007. A proper change management process in place for any kind of deviation. However, there is no occurrence of noise level exceeding norms.
2.3	Storm Water Management Plan	
	Following areas will be provided with storm water drainage systems to prevent any surface run-off into the sea. <ul style="list-style-type: none"> • Reclamation of 23 Ha back up area • Coal stockpile development of 7.7 Ha area • Railway siding area 	Complying with. Coal stockpile and Railway siding area are provided with storm water drainage. Reclamation of 16 Ha area is being done. Remaining 7 ha area will be developed phase wise, as per the future requirement.
	<ul style="list-style-type: none"> • The drainage water will be channeled through a series of sediment traps to remove the majority of the coal sediment before discharging into the natural drains. 	Complied with. Runoff from the coal storage is being routed through dump pond where all the particles settled down.
2.4	Solid & Hazardous Waste Management Plan	
	Port operator will prepare the robust waste management plan for the entire operations, process carried out during operation. As part of the plan, a scavenging boat will be anchored for collection of waste due to windblown into the sea.	Complying with. A waste management plan is in place and a boat is provided to collect the waste blown due to high wind into the sea.
	In addition to the plan, the wastes that are expected to be generated will be disposed accordingly. The hazardous waste generated from the port operation will be disposed as per the HWM Rules 2008.	Complying with. All the wastes are being managed in compliance to the respective waste management rules as amended.
	Solid Waste generated during port operations will be disposed as per Solid Waste (Management & Handling) Rules 2000. Wherever possible the recycle and reuse will be explored for possibilities of recovery of any useful material. Option for recycle/reuse if not economical, then the waste will be disposed as per the SWM Rules, 2000.	
2.5	Green Belt Development Plan:	
	It is proposed to develop nearly 6 ha. of green cover all along the boundary of the port. Green Buffer Zone is being implemented at Eastern project site along the boundary. Saplings of Casuarina and Pedilanthus are	Complying with. Three tier green belt is being developed in an area of 25.27 Ha including periphery of the project boundary. The green belt has been developed with plantation of native

S. No.	EMP Conditions	Compliance Status						
	planted along the coal stacking yards and periphery of port area.	species and species which helps in creating a barrier for coal dust movement.						
	It is proposed to develop further three tier greenbelt to increase efficiency of dust control.							
2.6	Community Development Plan							
	<p>The proposed CSR programs are based on the needs felt and socioeconomic indicators of the study. The proposed CSR programs can be initially implemented in the five villages of the study area that is Lakhigam, Luvara, Jageshwar, Ambetha and Dahej. Based on the outcome of the CSR programs, it can be expanded to the other villages apart from the study area. The proposed CSR Programs can be grouped into the following subheadings.</p> <p>Health Promotions Programs</p> <ul style="list-style-type: none"> ✓ Health Camps and Health Awareness programs on Institutional Births and Immunization programs ✓ Mobile Clinic 	<p>Complied. The CSR activities are executed by Adani Foundation. Adani Foundation is taking care of Social-economic establishment activities and details of the same are enclosed as Annexure – 8.</p>						
	<p>Education Promotion Programs</p> <ul style="list-style-type: none"> ✓ Providing sustenance funds for maintaining School Infrastructure like Drinking water Facilities, Sanitation facilities and providing supplies etc ✓ Providing scholarship programs ✓ Sport Coaching centre 							
	<p>Economic Development Programs</p> <ul style="list-style-type: none"> ✓ Knowledge centre regarding various government schemes and latest technology ✓ Skill Development Training Programs 							
	<p>Women Empowerment</p> <ul style="list-style-type: none"> ✓ Sanitation Promotion Programs ✓ Construction and Maintenance of Sanitation complex ✓ Awareness Programs 							
	<p>Infrastructure development Programs</p> <ul style="list-style-type: none"> ✓ Developing internal roads of villages ✓ Developing drainage systems ✓ Solar Street Lights ✓ Construction / Maintenance of Community Halls ✓ Social Forestry 							
2.7	<p>Village Specific Infrastructure Development Programs:</p> <table border="1" data-bbox="260 1888 839 2054"> <thead> <tr> <th data-bbox="260 1888 331 1955">S. No.</th> <th data-bbox="331 1888 491 1955">Village</th> <th data-bbox="491 1888 839 1955">Programs</th> </tr> </thead> <tbody> <tr> <td data-bbox="260 1955 331 2054">1.</td> <td data-bbox="331 1955 491 2054">Luvara</td> <td data-bbox="491 1955 839 2054">Developing proper drainage system in the village.</td> </tr> </tbody> </table>		S. No.	Village	Programs	1.	Luvara	Developing proper drainage system in the village.
S. No.	Village	Programs						
1.	Luvara	Developing proper drainage system in the village.						

S. No.	EMP Conditions			Compliance Status
	2.	Dahej	Providing Safe Drinking water Facilities in the schools	
	3.	Dahej	Developing medical facilities in the PHC such as facilities for storage of perishable medicines,	
	4.	Jageshwar	Developing Drainage System	
	5.	Lakhigam	Developing Drainage System	
	6.	Lakhigam Luvara Jageshwar	Developing Solar Street Light and Internal Village Roads	
	7.	Ambetha	Developing Drainage System	
	8.	Study Area Villages	Mobile Clinic providing medical facilities in the villages of the study area by having periodic visits and health camps.	
	9.	Study Area Villages	Developing Safe Drinking facilities at Schools in the study area.	
	10.	Jageshwar	Providing training programs on latest technology of fishing, free fishing equipments and providing vocational training programme for alternate income source.	
2.8	Environmental Management Cell			
	<p>APPPL has already established and maintained an Environmental Management Cell (EMC) with Head of Department (EHS), supported by field level executives and horticulturist for implementation of the compliance conditions as per Environmental Clearance obtained and GPCB Consent Conditions. Periodical monitoring activities are being undertaken by MoEF recognized and NABL accredited environmental laboratories. Environmental compliance reports are regularly submitted to MoEF regional office, Vadodara and New Delhi.</p>			<p>Complied. APDPL has a well-structured Environment Management Cell with qualified manpower for implementation of the Environment Management Plan. Detail of the Environment cell is enclosed as Annexure – 9.</p>
	<p>EMC will be further strengthened in view of the proposed expansion by augmenting resources such as manpower and field equipments, for effective compliance of environmental clearance conditions. Environmental monitoring program will be undertaken by MoEF recognized and NABL accredited environmental laboratories as part of compliance report preparation and its</p>			

S. No.	EMP Conditions	Compliance Status
	submission to GPCB, MoEF Regional Office, Vadodara and New Delhi.	
2.9	Cost Estimates for Environmental Management Plan:	
	The estimated total cost of the proposed project is Rs.464.32 Crores. Under the project, about Rs.173.35 Crores is allocated towards pollution control equipment, implementation of environmental pollution control measures and environmental management programs.	<p>Complied.</p> <p>Separate budget is allocated for Environmental Management activities.</p> <ul style="list-style-type: none"> Separate budget is allocated for Environmental Management. Key components of environment budget are environmental Monitoring, STP's (Operations and Maintenance), and Closed Conveyor System Maintenance etc. The allocation of revenue budget for Environment Cell for the FY 2023-24 was approx. Rs. 458.01 lacs. Details of the environmental budget and expenditure for the past 3 years is enclosed as Annexure -6.



CSR DAHEJ
Six Monthly Report 2023 - 24

EDUCATION

SDG Alignment

Sustainable Development Goal 4

Goal 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

4.1 By 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes

4.1.1 Proportion of children and young people (a) in grades 2/3; (b) at the end of primary; and (c) at the end of lower secondary achieving at least a minimum proficiency level in (i) reading and (ii) mathematics, by sex

4.2 By 2030, ensure that all girls and boys have access to quality early childhood development, care and pre-primary education so that they are ready for primary education

- ✓ Adopting Government Primary Schools
- ✓ Tutoring Priya Vidyarthi (progressive learners)
- ✓ Arresting dropout rates
- ✓ Collaborating for teachers' capacity building
- ✓ Creating joyful learning spaces

Project Utthan's Reach

2942 students of 12 villages of 12 GPs

2772 students of 13 Govt. Schools

170 students of Ashramshala Atali

Progressive Learners: Upward Movement

Academic Year-2023-24													
S. N.	Name of School	Strength of School	Progressive Learner	Mainstream	Reading			Writing			Numeracy		
					0 to 1	1 to 2	2 to 3	0 to 1	1 to 2	2 to 3	0 to 1	1 to 2	2 to 3
1	Primary School Lakhigam	446	87		75	11	0	52	35	0	66	20	0
2	Primary School Luvara	137	62		15	31	12	9	32	21	6	31	23
3	Primary School Jageshwer	154	28		8	3	0	8	2	0	11	2	0
4	Primary School Ambetha	121	46		11	9	6	9	13	3	5	14	7
5	Kumarshala Dahej	451	74		66	7	0	50	24	0	69	4	0
6	Kanyashala Dahej	420	66		59	0	0	64	0	0	15	0	0
7	Primary School Nava Vadiya	35											
8	Primary School Jolva	170	33		20	0	0	12	18	3	23	1	0
9	Primary School Suva	268	45		25	2	0	20	17	8	23	8	0
10	Primary School Rahiyad	222	66	10	22	18	3	22	19	6	32	18	8
11	Primary School Koliyad	91	50		9	2	0	12	1	0	9	3	0
12	Primary School Vengni	92	38		2	8	9	6	6	9	2	11	5
13	Primary School Kaladara	165	40		21	14	6	20	12	12	18	15	13
14	Ashramshala Atali	170	48		33	12	5	40	9	3	29	15	6
	Total	2942	683	10	366	117	41	324	188	65	308	142	62

Achievements @ a glance



Coverage: 2942 students of 14 Schools



683 progressive learners covered under reading, writing and numeracy



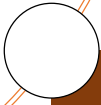
772 students taught English as a 3rd language



Home visits: 173, Parents' Meeting: 17, Mothers' Meet: 86



Library books issued to 509 students



509 students covered under E - learning

Summer Activities

- ✓ Summer activities focused on scholastic (curricular) and co-scholastic (co-curricular) areas.
- ✓ Total - 1154 students of 3rd to 6th std of 10 Utthan Schools covered during the session.
- ✓ Activities conducted: story writing, sharing story, group reading, crosswords & sudoku, group reading, two-page copy writing, narrate articles, table writing, paper bag making, story writing, sharing story, group reading, crosswords & sudoku, group reading, two-page copy writing, narrate articles, table writing, paper bag making, Dada – Dadi ki varta, globe & atlas, map work activity, demography details, English rhymes, self introduction in English and campus cleaning.



Days Celebration

- **World Book Day** celebrated on 23rd April' 2023 with 2500+ students of Lakhigam, Luvara, Dahej, Jolva, Rahiyad, Suva, Atali, Vengni and Kaladra Primary Schools Oath for Reading 25 books by World Book Day 2024
- **Gautam Adani Sir's Birthday** was celebrated with 162 students and 5 teachers of Primary School of Punpunjiya village of Mauza Panchayat (tribal area) where teachers and students sang a very nice birthday song. The School students were given sports materials by Adani Foundation
- Independence day celebrated in all 14 Utthan Schools. Ex army man's wife honored at Vengni School.
- National Sports Day celebrated with 553 students of 7 schools on 29th August to mark the birth anniversary of the legendary Indian hockey player Major Dhyhan Chand.
- Dr. Priti Adani Ma'am's Birthday celebrated in Utthan schools. Students sent her cards.

Community Health

SDG Alignment: 3/3.3, 3.8

Goal 1. End poverty in all its forms everywhere

3.3 By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases.

3.8 Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all

Adani Foundation celebrated **Mother's Day** with mothers and children of 3 tribal villages: Pada, Machhmadi and Mauza in association with Health Department and Women and Child Development. 52 mothers and 25 children participated in this day celebration. CHO of Umadabra sub centre, Kinjalben explained the importance of health and hygiene. She also explained the importance of outdoor games for children and 7 steps of hand washing through activities. After that mothers cut the cake. On this occasion Adani Foundation distributed sports items among the children.



Kishori Utkarsh Pahel (KUP)'s 1st kick off meeting was organized with schoolteachers of Netrang taluka. KUP is an awareness program designed for adolescent girls' health, nutrition, life skills, rights and Govt. schemes. KUP is District Administration's CSR initiative. This will be implemented in all 78 villages of Netrang taluka of Bharuch District. AF will fund the program and it would be implemented by CSR BOX of Bharat cares. In 1st phase, program would be launched in 39 villages of Netrang taluka.

Pradhan Mantri Jan Aarogya Yojna (PMJAY)

58 beneficiaries of 2 villages get registered under PMJAY. They will get an insurance cover of Rs.10 lacs

S. N.	Village	No. of beneficiaries
1	Anjoli	33
2	Vengni	25
TOTAL		58

SUSTAINABLE LIVELIHOOD DEVELOPMENT

KAMDHENU PROJECT

SDG Alignment: 2/1.1, 2.5

Goal 2. End hunger, achieve food security and improved nutrition and promote sustainable agriculture

1.1 By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day

2.5 By 2020, maintain the genetic diversity of seeds, cultivated plants, and farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at the national, regional and international levels, and promote access to and fair and equitable sharing of benefits arising from the utilization of genetic resources and associated traditional knowledge, as internationally agreed

KEY HIGHLIGHTS

Countable Highlights: April to September-2023

S. N	Particulars	Nos
1	Total Villages Covered	30
2	No of Families Benefitted (Direct)	101
3	No of Artificial Inseminations (Cow +Buffalo)	276
4	No of Conform Pregnancy (Cow + Buffalo)	147
5	No of Female Calves Born (Cow +Buffalo)	78
6	No of male Calves Born (Cow +Buffalo)	10
7	Total Dairy Farms in Project Area	90
8	Employment created for families through dairy farming	42
9	Total Milk cooperative society in Project Area	8
10	No. of Private wonder for milk Collection in villages	28
11	No of Farmers Private Milk Sale in villages	193

IMPACT OF CATTLE BREEDING PROGRAM

Sr.	Particular	Amount Rs.	Remarks
1	Calving of 04 Cow & Buffalos progenies are occurred till date. Assuming average milk production per lactating progeny will be 2000 litters. Accordingly, it is expected that they will produce total 7000 litters of milk which is being sold @ Cow Rs. 35 & Buffalo 55/litter	3,05,000	Annexer-01
2	Total 78 female calves are born in project villages whose age wise valuation as Asset Value is in attached sheet.	5,16,000	Annexer-01
3	Total 10 Male calves are born in project villages whose age wise valuation as Asset Value is in attached sheet.	10,000	Annexer-02
4	Promotion of Fodder varieties of BNH-10 Fodder Production 204.7 Tone	4,80,110	Annexure -03
5	Employment created for 42 families through dairy farming. Assuming average Monthly Income from each Families will be Rs.6000/- .@ 06-month Total Income Rs. 36000/- from these 42 Families will be Rs.15,12,000/-	15,12,000	
	Total Rs.	28,23,110	

ANNEXURE 1

Created Female Asset Value Report Period: - April to September-2023

S.N	Age (Month)	No of Female			Market Rate Rs.	Total Asset Value INR	Remark
		Cows	Buffalo	Total			
1	0 to 6	27	51	78	2,000	1,56,000	
2	6 to 12	-	-	-	6,000	-	
3	12 to 18	-	-	-	15,000	-	
4	18 to 36	-	-	-	20,000	-	
5	36 above	-	-	-	25,000	-	
6	Progeny AI	2	3	5	30,000	1,50,000	Cow 25000 INR + Buffalo 30000 INR
7	Progeny Pregnant	-	-	-	37,500	-	Cow 35000 INR+ Buffalo 40000 INR
8	Progeny Calving	2	2	4	52,500	2,10,000	Cow 45000 INR + Buffalo 60000 INR
	Total	31	56	87		5,16,000	

Born Progeny Production Parameter Period:- April to Sept- 2023

S. N	Animal Species	No. Animal In production	Average milk Production in lactation	Average milk Production in litter	Rate of milk	Total Production	Remark
1	Cow	2	2000	4000	35	1,40,000	
2	Buffalo	2	1500	3000	55	1,65,000	
	Total	4	3500	7000		3,05,000	

Male Asset Value Report Period: - April to September-2023

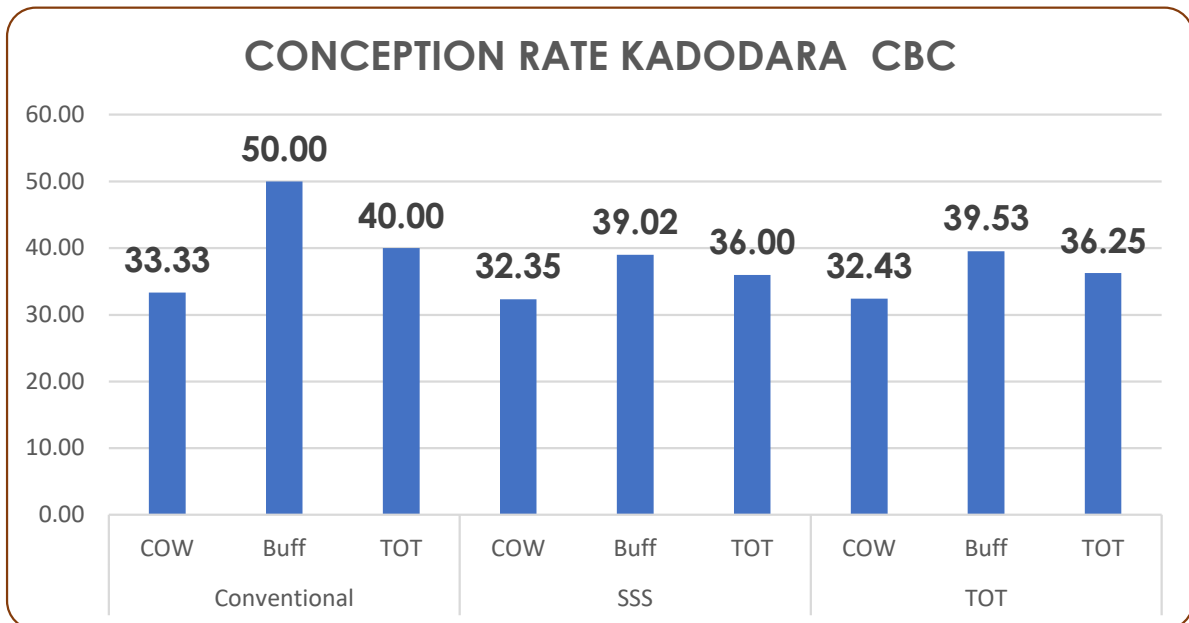
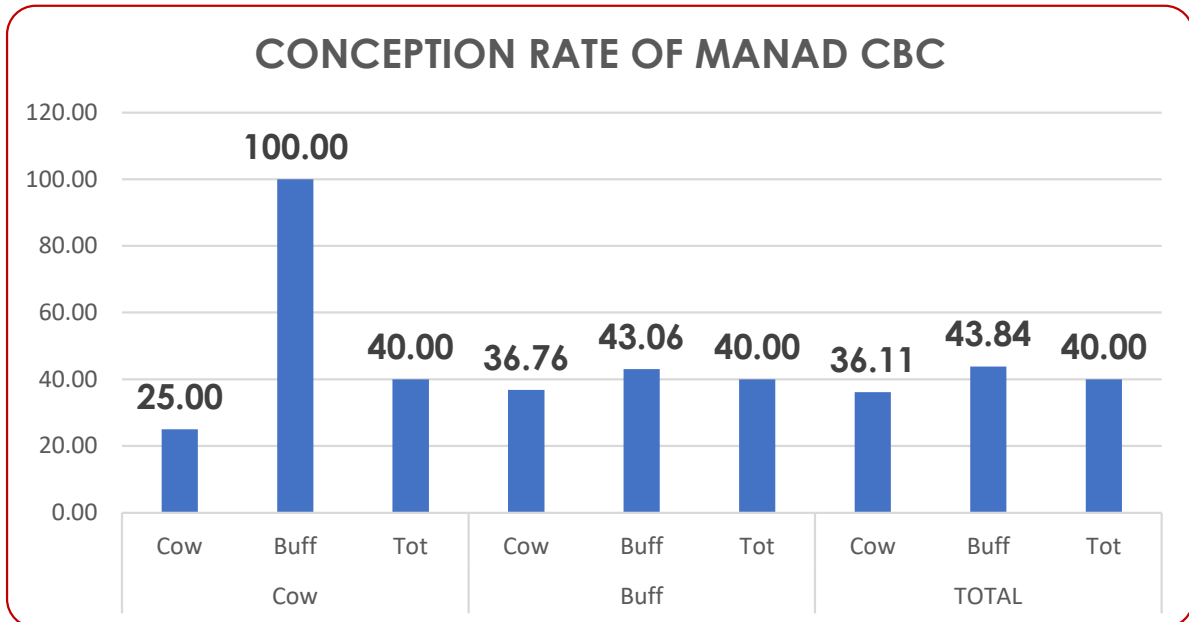
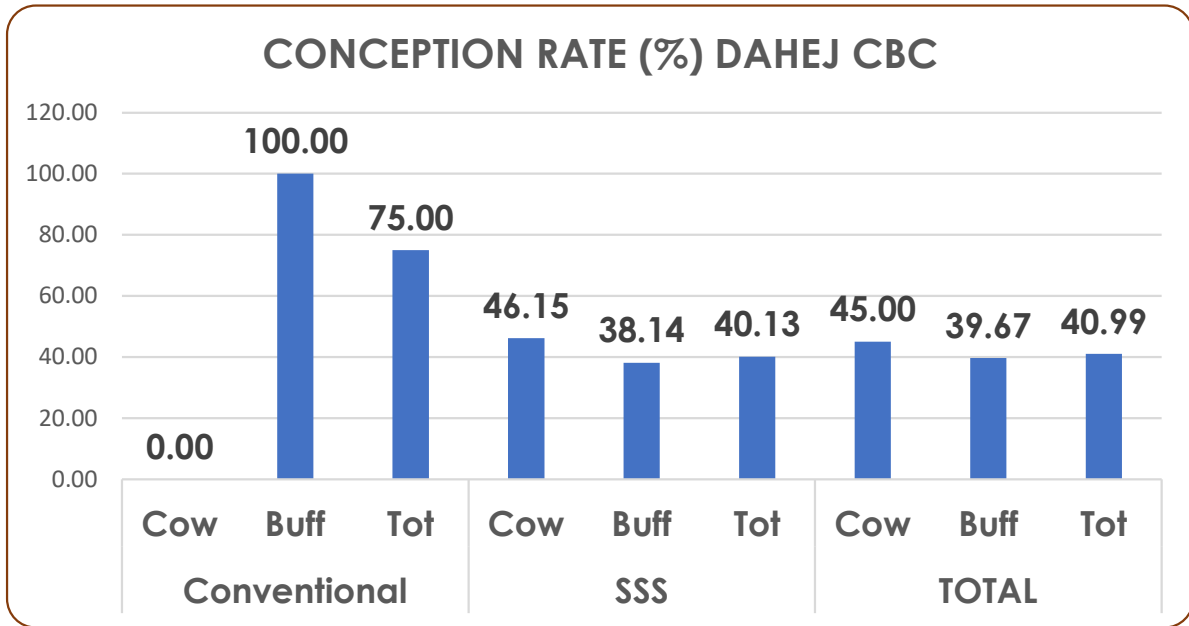
S. N	Age (Month)	No of male			Market Rate Rs.	Total Value Rs.	Remark
		Cows	Buffalo	Total			
1	0 to 6	06	04	10	1,000	10,000	
2	6 to 12	-	-	-	2,000	-	
3	12 to 18	-	-	-	5,000	-	
4	18 to 36	-	-	-	8,000	-	
5	36 to 48	-	-	-	15,000	-	
6	48 TO 60	-	-	-	25,000	-	
	Total	06	04	10	-	10,000	

Green Fodder Production Report, Period: April to September-23					
Sr No	Number of Beneficiary	No of Village	Total Production in Ton	Market Rate Per Ton INR	Total Value INR
1	104	20	204.7	2200 to 3500/	4,80,110
Total	104	20	204.7		4,80,110

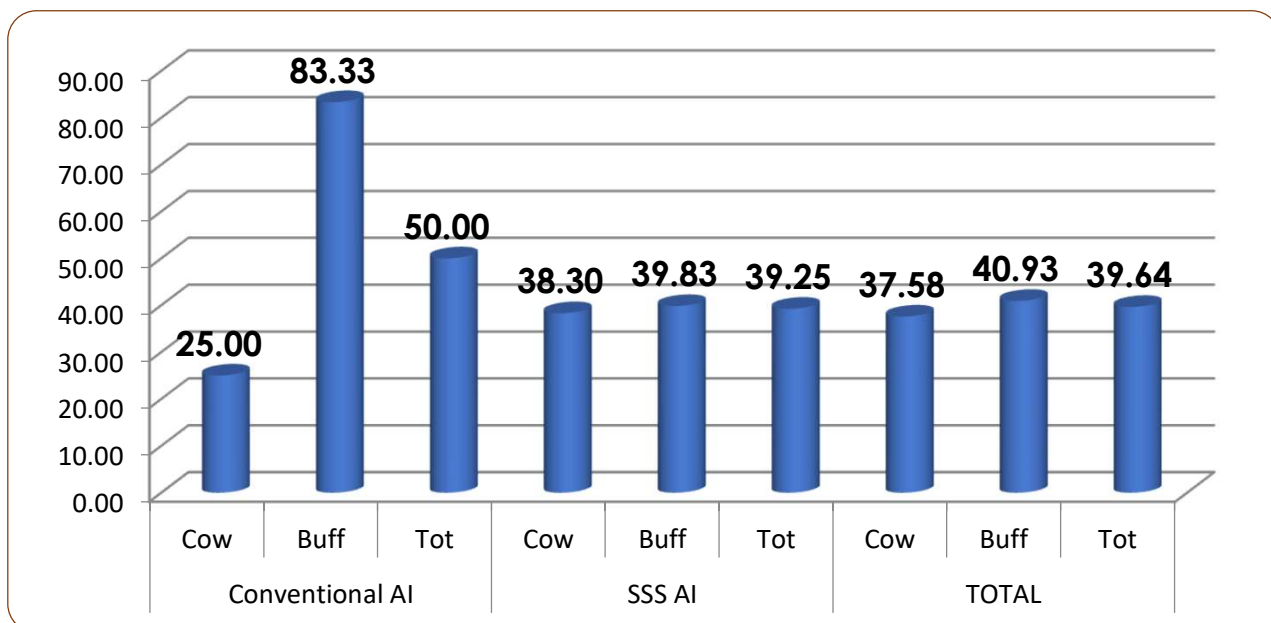
Insemination	Dahej CBC	Manad CBC	Kadodara CBC	TOTAL
Artificial	37	27	53	114
Sex Sorted Semen	55	57	48	160
PD	66	58	29	153
Calving	58	10	18	82
Vaccination	1605	1212	530	3347
Conception Rate (cow)	45	36.11	32.43	37.58
Conception Rate (Buffalo)	39.67	43.84	39.53	40.93

- Total 274 inseminations were done out of which 100 inseminations were done in cows and 177 inseminations were done in buffaloes.
- Total 114 conventional inseminations and 160 sex sorted inseminations were done
- Total 13 animals were examined for conform pregnancy out of which 7 were cows and remaining 6 were buffaloes.
- Total 7 cows are found conform pregnant out of 7 examined.
- Total 5 buffaloes are found conform pregnant out of 6 examined.
- Total 302 animals were examined for conform pregnancy out of which 111 were cows and remaining 191 were buffaloes.
- Total 54 cows are found conform pregnant out of 111 examined
- Total 92 buffaloes are found conform pregnant out of 191 examined.
- Conception rate for conventional semen is 50%.
- Conception rate for SSS is 39.25%
- During the year total 86 calving are reported out of which 33 are in cows and remaining 53 are reported in buffaloes.
- Total 20 calving are reported in animals who became pregnant after use of conventional semen out of which 12 calving are reported in cows and 8 are in buffalo.
- Total 66 calving are reported in animals who became pregnant after use of Sex Sorted semen out of which 21 calving are reported in cows and 45 are in buffalo.
- Total 29 animals were sold during the year who became pregnant
- Total 89 animals in were selected out of which 78 were buffaloes and 11 were cows, as per the standard protocol of Heat synchronization hormonal injections were given and insemination was done.
- Total 957 kg mineral mixture was distributed during to 474 livestock holding families of after insemination as well as during training program for better productivity and fertility
- total 3347 animals were vaccinated for Hemorrhagic Septicemia (HS). Vaccination was done in 20 project villages where 3080 buffaloes and 267 cows were vaccinated.
- 12 training programs were organized in villages of Manad and Kadodara CBC with 346 beneficiaries including 147 females. Total 109 tribal participants

CONCEPTION RATE



CONCEPTION RATE



Linkage with Animal Husbandry Schemes		
Village	Scheme	No.of Beneficiaries
22	Dan Sahay Yojana	253
2	Chaff Cutter	2
2	3000 Stipend	3
		258

PROJECT ANNAPURNA

Farmers Group Formation

4 farmers' groups formed in 3 project villages Vengni, Koliyad and Kaladara. These groups are registered under ATMA project.

S.N	Village	Group Name	No. of Members
1	Vengni	Dhartiputra Farmers Group, Vengni	15
2	Vengni	Bhumiputra Farmers Group, Vengni	15
3	Koliyad	Mahadev Farmers Group, Koliyad	15
4	Kaladara	Farmers Group Farm, Kaladara	15

Farmers' Training & Exposure Visit

- 3 nos. of trainings were held with 175 farmers of Vagra and Netrang taluka –

S.N	Village	No. of Participants	Topic Covered	Immediate Outcome
1	Vengni	29	Green Manure	• 4 farmers applied in the field
2	Kaladara	53	Natural farming	
3	Netrang	63	Natural farming	

50 farmers of Vagra Taluka went on 4 days exposure visit to Navsari Agriculture University. This visit was organized under the ATMA Project on natural farming.

Outcome: 3 farmers (Vengni: 2 and Koliyad: 1) are preparing JIWAMRIT after the exposure.

Linkage with Govt. Schemes

Under the **Soil health card scheme** 20 farmers of 2 villages Vengni and kaladara get benefited.

In Farm School activity of ATMA Project Vengni village 25 nos. farmers got calcium feed supplement for animals.

S.N	Scheme	Ben. Enrolled
1	National Food Security Mission	246
2	Soil Health Card	20
3	Krishi Vai Vidhya Karan Yojna	63
4	I- Khedut Portal	5

Suva Gaushala: An Integrated Model

Suva Gaushala is being developed as an integrated model of animal husbandry, fodder development and cow-based products. AF has supported machineries for making pots, diyas, idols from cow dung.

To explore the market of such products in Gujarat and good resource agency/trainers for training to SHG members and youths involved in Gaushala, AF team participated in Gau Tech Expo 2023 held in Gujarat from 24th to 28th May 2023 organized by Global Federation of Cow Based industries. 3 trainers identified from this expo. These trainers Mr. Sanjaybhai Dave, Mr. Jayeshbhai Patel and Mr. Hirenbhai Ramavat of Anmol Guamay Products, Jamnagar imparted **trainings from 1st to 3rd June 2023** on

- ✓ Operation and maintenance of machineries
- ✓ Different products from cow dung: diya making, pot making, sambhrani cups, Lord Ganesha, chips etc.
- ✓ Operational cost of gaushala & how to make the gaushala as a self – sufficient unit
- ✓ **Suva Gaushala got an order of 9150 diyas from District Rural Development Agency, Bharuch. Senior officials of DRDA and RSETI placed the order after their visit to gaushala.**



E- shram Card		
S. N	Village	No. of Beneficiaries
1	Bhangoria	6
2	Kavachiya	41
3	Mahudikhach	35
4	Navi Jamuni	12
5	Umbadabra	11
		105

Support to PVTG: Entrepreneurship Model

Machineries Support

- To make the group Jaidevmogra Maa Group Hathakundi more strengthen AF extended their support by providing different machineries for bamboo cutting, polishing, toolboxes on 15th May 2023. These help group members and other youths of Hathakundi village to make market competitive products with good quality and finishing. Now they save their time and energy in bamboo string cutting and their income is gradually enhanced.
- With support of AF, District Industry Centre reached Hathakundi – organized training for registration under Hastkala Setu Yojna. They also issued ARTISAN CARDS to Kotwalias which was a distant dream for them. Till date 146 Kotwalias got the cards – 136 of Hathakundi and 9 of Pingot.



Self Help Group - Achievements April to September 2023

S. N	Group	Members	Type of Business	Monthly Saving (In Rs.)	Total Savings	Monthly income (In Rs.)	Income
1	Shiv Shakti Sakhi Mandal, Jageshwar village	10	Bag making & Apparel unit	1600/-	88,565/-		
2	Mahadev Mahila Sakhi Mandal, Luvara	11	Vermi compost	1100/-	36,374/-		6,000.00
3	Sadhdada Mahila Sakhi Mandal, Lakhigam village	11	Amul Parlour & Snacks	5500/-	1,66,228/-	22,767/-	127,052.00
4	Ekta Mahila Sakhi Mandal, Jolva village	10	Bag making & Apparel unit	1000/-	23,005/-	16,580/-	69,760.00
5	Gaushala Mahila Sakhi Mandal, Suva	10		1000/-	16,000/-		22500.00
	Total	52		10,200/-	3,30,172/-	39,347/-	2,25,312.00
Tribal area SHG details							
6	Jay Devmogra Maa Group, Hathakundi	10	Bamboo crafts	1000/-	12000/-	25000/-	84,500.00
7	Shree sakhi mandal, Kavchiya	10	Saving	1000/-	10000/-		
8	Anjali sakhi mandal, Pada	10	Saving	1000/-	12000/-		
9	Sarvoday Sakhi Mandal, Koliyapada	11	Saving	1100/-	17200/-		
	Total	41		4,100/-	51,200/-	25000/-	84500.00
	Grand Total	93		14300/-	3,81,372/-	64,347/-	3,09,812.00

Vruksh se Vikas

Vruksh se Vikas is a part of Honorable Chairman Sir's pledge of 100 million trees by 2030 – announcement made at World Economic Forum, Davos. AF Dahej's mission of **10000 plantation every year**. In 2023 – 24, total 18550 nos. of tree plantation completed in 14 tribal villages of Netrang taluka (Bharuch district) against the target of 10000 trees.



Objective

- Increase green cover
- Reduce carbon footprints
- Fruit bearing plants - alternate income source

Plantation in FY 2023 - 24

S.N	Tree name	Number of trees planted	Village name	Area brought under green cover (Acre)	Amount utilized	Annual CO2 fixing potential after 5 years (kg)
1	Mango	5000	Vankhuta, Pada, Mungaj, Dabhal, Anjoli, Koliyapada, Vankol, Punpujiya, Hathakundi, Juni Jamuni, Kavachiya, Rajvadi, Mahudikhanch & Mandavi	33.28	454650	625000
2	Guava	3650	Same as above	18.72	185895	91250
3	Sapota	2500	Same as above	16.64	252325	125000
4	Custard Apple	2500	Same as above	12.48	102325	125000
5	Citrus	2500	Same as above	12.48	114825	125000
6	Jamun	2400	Same as above	12.48	86232	240000
Total		18550		106.08	1196252	1331250

Promotion of Biomass Chulha

Biomass chulha's demonstration held with more than 150 women of 9 tribal villages of Netrang taluka. AF team explained more people can be fed from less wood through biomass chulha that emits less smoke and helps in reducing pollution. Women expressed their willingness for the chulha.

In 2023 -24, target is of 200 beneficiaries.



Employee Volunteering Program

As a part of 79th Fire Service Week observance, Adani Dahej Port organised nearby school students' visit at Safety Excellence Centre on 11th April 2023. Total 60 children of Govt. Primary School, Lakhigam accompanied by 2 Utthan Sahayaks and 1 teacher of the Govt. School visited the centre. They went through live demonstration of different Safety Modules – hot work – welding, grinding & gas operation; conveyor belt safety, how to use tarpaulin covering on vehicles, Importance of LOTO – Log Out Tag Out and different types of LOTO, home fire safety (use of fire equipment's and emergency exit), importance of fire prevention and protection equipment, importance of traffic safety and importance of PPE – Personal Protective Equipment. For school students it was a joyful learning session. It was their first visit outside the school. Dahej Port arranged the pick & drop service by bus and snacks for all the visitors.



Adani Dahej Port celebrated **Engineering Day** with future engineers - students of Lakhigam High School. 70 students of class 9 and 10 with their teachers got an opportunity to visit Centre of Excellence. Safety team explained in detail about different models of safety and engineering used in port operation. Mr. Neeraj Bhatt, Head of Engineering Services gave a presentation on what engineering is and what an engineer can do. Engineers Day is celebrated in India on 15th September to honor Sri Mokshagundam Visvesvaraya, a Civil engineer, who played a major role in the development of India's infrastructure and industry and served as Diwan of Mysore. During this visit, Divyaben Bhaveshgiri Goswami, student of class IX got a token of gift for her curiosity and zeal. Students and teachers were served snacks and juice by Port admin team.

World Environmental Health Day was celebrated in Primary schools of Koliyapada and Vankol villages. 36 students of these schools participated in Quiz competition (16 of Koliyapada School and 20 of Vankol School)

World River Day celebrated in Mauza School, Netrang. A quiz competition based on the rivers of Gujarat, India and World was held.

Community Infrastructure Development

Work completed : Multi purpose Hall, Lakhigam



OTHER ACTIVITIES

Visit to Seva Rural Hospital Jhagadia

Sewa Rural team briefed about the institute and showed a video of the organization's work. AF team visited NICU ward, Labour ward and the other facilities of the hospital and skill development centre where women are engaged in stitching of uniform of companies.

Meeting with District Collector, Bharuch

AF team had a meeting with Mr. Tushar D Somera, District Collector, Bharuch. He is very positive for adolescent girls' program Kishori Utkarsha Pahel and Divyang Utkarsha Pahel. He requested AF to lead these 2 initiatives in Netrang Block, Bharuch. He briefed about other CSR initiatives: Project Roshni for Sujani artisans and My Livable Bharuch. He also thanked AF for their contribution in My Livable Bharuch



FLOOD RELIEF WORK

Adani Foundation distributed 1000 ration kits in flood affected villages of Bharuch. On request of District Administration, Bharuch timely support is provided to flood victims of Mangleshwar, Nikora and Ankleshwar.

Grocery Kit consisting of:

- 05 KG Wheat/Wheat flour
- 01 KG Rice
- 02 KG Toor Dal
- 01 KG Salt
- 01 Liter edible oil
- 02 KG Potato
- 01 KG Onion
- 100 Gram Turmeric powder
- 100 Gram chilly powder



SUCCESS STORY

Transformation from shy to a confident one

Name: Jagrutiben Vinubhai Thakor

Class : 6

School: Kanyashala Dahej

Hello everyone, I am Jagrutiben Vinubhai Thakor, a student of Class 6 at Kanyashala Dahej. I live at Dahej village with my parents and 3 elder siblings. I am going to share my story of transformation from a shy & progressive learner to a confident speaker and a good student. This happened due to a committed Utthan Sahayak's tireless efforts. One year back I used to be very shy – not speak in the class, hardly greet any one not even the teacher and not mingled with my classmates. I was very weak in studies – not able to read my textbooks, didn't write Gujarati and didn't know counting.

One day I saw a new teacher Arunaben – Utthan Sahayak joined our school. She started taking classes of progressive learners. I was one of them. My normal tendency was – either miss the class or sit in the last row – keeping myself far away from the eyes of the teacher. Arunaben asked the students for their introduction. She also came to me, but I didn't utter a word. My activities were well noted by Utthan Sahayak. After some days, she asked me to sit beside her in the class and encouraging me to learn. I had a fear in my mind – if I spoke wrong my classmates would make a laugh on me!! Arunaben read my fear. Her encouragement and dedication gradually pinned hope in me. I started learning. Now I can read, write and do counting with confidence. Now I am one of the favourite students of the teachers.

Thanks to Project Utthan and Adani Foundation.



KAMDHENU Project : a boon for me

I am Ranjanaben Mahipatsinh Yadav, 57yrs old marginal farmer of Bhuva village. My family has 6 members. We've only 1 bigha land to meet our requirement of our family. I have been engaged in buffalo rearing for 25 years. In the beginning, started with one buffalo and at present I am managing a herd of 8 animals out of which 3 are milking buffaloes, 3 heifer and 2 female calves. These animals are our primary source of income. After taking lot of efforts income generated through sell of milk was mostly spent on animals suffering from clinical and gynecological disorders at periodic interval. After treatment my milking animals always reduce productivity. In 2022 a training program was organized in my village at that time first time I came to know the wrong practices adopted by me and its impact on production. Kamdhenu team also informed us about the initiative taken by Adani Foundation for the livestock holding families. I was pleased to know that door to door insemination facility is also a part of the program. After the training I narrated the problem of **Repeat Breeding** of my buffalo. Immediately CBC I/C of Manad CBC visited and informed that my buffalo was suffering from Kinked Cervix, but he assured me that after proper feeding and treatment she will conceive. As per instruction I started to do the same and my buffalo become pregnant.

I would like to share one more experience that a few days back a second training program was organized. I showed my other buffalo who had eyesight problems. I also told the medicines prescribed by private practitioners for which cost more than Rs. 4500/- but no positive response was seen. After examination the resource person in training program prescribed medicines and assured me that my buffalo will recover within 3 to 4 days. CBC Manad without fail visited my house and did treatment. She is now completely recovering from impaired vision. **I would like to supplement that private practitioners advised me to send both the animals to butcher because they thought that they would not recover.**

I am thankful to ADANI FOUNDATION for providing us with the best services to all livestock holding families and only because of KAMDHENU Project my both animals are survived whose cost is approx. Rs. 1.25 lakhs. It is very difficult for a farmer to send animals to butcher house to whom they are taking lot of efforts to grow and make them productive but now I am strongly felt that services of Kamdhenu Project will helps to save animals and improve their productivity by adopting good management practices.





અદાણી ફાઉન્ડેશનના સહયોગથી સક્ષમ થયેલા વજીરભાઈ કોટવાલિયા રાષ્ટ્રપતિ ભવનની મુલાકાતે જશે
જીવનમાં કોઈએ નથી કરી એટલી મોટી મદદ, અદાણી ફાઉન્ડેશને કરી છે- વજીરભાઈ

દહેજ, ભરૂચ: ગુજરાતમાં અભિવ્યક્તિ સમાવિષ્ટ કોટવાલિયા સમુદાયના લોકો વાંસની કલાકૃતિ બનાવવામાં વિપુલતા ધરાવે છે. ભરૂચ જિલ્લાને તેના તાલુકાના હાથકૂડી ગામના એવાજ કસ્ટીયર વજીરભાઈ કોટવાલિયા પોતાના સમુદાયની વાંસ કળાને જીવન રાખવા અને વિકસાવવા માટે પ્રયત્નશીલ છે. છેલ્લા એકદ વર્ષથી એમની ઝુંબેશને અદાણી ફાઉન્ડેશન, દહેજની સહયોગ સાંપડ્યા પછી અનેક નવા આયોજો એમના કાર્ય અને ઝુંબેશમાં ઉમેરવા છે. વજીરભાઈ કોટવાલિયાને ભારતના માનનીય રાષ્ટ્રપતિ દ્વારા કેન્દ્ર-સ્તરે કમ એકસપોઝર મુલાકાત માટે આયોજના આયોજનામાં આવ્યું છે. જેમાં એ પોતાના કોટવાલિયા સમુદાયની સ્થિતિ વિશે વાત કરવાની તક મળશે.

વજીરભાઈ કોટવાલિયાને મુશ્કેલી સંસારનો સાથે પોતાના સમુદાયના ૫૦ સંસારને વ્યવસ્થામાં બંધાય છે. સરકાર અને સંસ્થાઓના સહયોગથી વિવિધ મેળા અને પ્રદર્શનોમાં સહભાગી થઈ રહ્યા છે. એમ છતાં એમને બહારનો સંપર્ક ન હતો અને પરિવારો આવવા આવવે વાંસબાનું કામ છોડી દેવું હતું પરંતુ વજીરભાઈ અને એમના પરિવાર એ કામ સાથે જ રહ્યું છે.

અદાણી ફાઉન્ડેશનના અદાણી સમુદાયના કોર્પોરેટ હાઉસમાં યોજાયેલા પ્રથમ ભારતીય તેમજ ઉત્કલ-ગોનું પ્રદર્શન અને વેચાણની તક મળી હતી સાથે જ અદાણી સમુદાયને એમને એટલામાં અદાણી અને અદાણી ફાઉન્ડેશનના સેકરેટરી ડૉ. પ્રદીપચંદન અદાણીની મુલાકાતનો અવસર પણ મળ્યો હતો.

વજીરભાઈ અને એમની સાથે સંકળાયેલા જુદાં જુદાં મજા/બુટ બનાવવા માટે અદાણી ફાઉન્ડેશનને એમને વાંસબાનું માટે જરૂરી એવી મશીનરી-સહયોગ આપ્યો છે. ત્યારબાદ અદાણી ફાઉન્ડેશન સીએસઆર, ગુજરાતના વડા સુશી પંડિતને સહયોગ હતોને વાંસ કાપવા, પોલિસ કરવા ફૂલબોક્સ આપવામાં આવ્યા હતા.

વજીરભાઈ કોટવાલિયા જુન-પ્રથમ સપ્તાહમાં દિલ્લી ખાતે રાષ્ટ્રપતિ ભવનમાં જઈ એ માટે બહુ ઉત્સાહીત છે અને એ માટેની સરકારી પ્રક્રિયામાં વ્યસ્ત છે. વજીરભાઈ કહે છે. કોટવાલિયા સમુદાયના પ્રતિનિધિ તરીકે છેલ્લા ૨૫ વર્ષથી વાંસ કામ કરું છું એટલે અનેક સરકારી અધિકારી અંગતપે એ એટલે કોટવાલિયા સમુદાયના પ્રતિનિધિ તરીકે રાષ્ટ્રપતિ ભવનમાં જવા માટે ખરી પસંદગી કરી છે, હું એમની બહુ ખુશ છું અને ગૌરવ અનુભવું છું.

ભરૂચના પૂરગ્રસ્ત ત્રણ ગામમાં અદાણી ફાઉન્ડેશન દ્વારા રાશનકીટનું વિતરણ

■ પૂર પ્રકોપમાં કૂડ પેકેટ્સ બાદ 15 દિવસના રાશનની સહાય



પાણા-ખબર સંવાદદાતા તાજેતરમાં નર્મદામાં સર્જાયેલી પૂરપ્રકોપની પરિસ્થિતિ વચ્ચે અદાણી ફાઉન્ડેશન સતત અસરગ્રસ્તોની પડખે ઉભું છે. ભરૂચ જિલ્લા વહીવટીતંત્રના સૂચન અને સંકલન મુજબ રવિવારે શુકલતીર્થ વિસ્તારના ત્રણ ગામોના અસરગ્રસ્તોને રાશનકીટ આપવામાં આવી છે.

લાભાર્થીઓમાં મંગલેશ્વર, નિકોડા અને તવર ગામના ૧૦૦૦+ પરિવારોનો સમાવેશ થાય છે. આદતની આડરી વેળાએ કરવામાં આવેલી મદદદથી જાણે એક કિલો મીઠું, એક લિટર તેલ, બે કિલો બટાકા, એક કિલો ડુંગળી, ૧૦૦ ગ્રામ અંકલેશ્વર અને અંકલેશ્વર અને કાંઠા વિસ્તારના મરચું અને ૧૦૦ ગ્રામ

હળદરનો સમાવેશ થાય છે. અદાણી ફાઉન્ડેશન, દહેજના સીએસઆર હેડ ઉષાબહેન મિશ્રાએ જણાવ્યું હતું કે, અદાણી ફાઉન્ડેશન સમુદાયોના કલ્યાણ માટે સતત પ્રવૃત્ત રહે છે. ભરૂચમાં આવેલી કુદરતી આફત બાદ જિલ્લા વહીવટી તંત્રના સૂચન મુજબ અમે શુકલતીર્થની આસપાસના ત્રણ ગામોમાં જીવન જરૂરી ચીજવસ્તુઓનું વિતરણ કર્યું છે. ત્રણે ગામોના અસરગ્રસ્ત પરિવારોને આ કીટ પહોચાડવામાં આવી છે.

અદાણી ફાઉન્ડેશન, દહેજ દ્વારા 'વૃક્ષ થકી વિકાસ' ગ્રામવિકાસની ઝુંબેશ

ધબકાર પ્રતિનિધિ, મોઝા ગામમાં કરવામાં આવ્યું હતું. વાગરા, તા. ૨૮ છોડ વિતરણ કરવાનો ઉદ્દેશ અદાણી ફાઉન્ડેશન, દહેજ દ્વારા 'વૃક્ષ થકી વિકાસ' ગ્રામ વિકાસની ઝુંબેશનો પ્રારંભ કરવામાં આવ્યો છે. બાળકો પર્યાવરણ પ્રત્યે જાગૃત રહે, ગામની આબોહવા શુદ્ધ થાય અને ફળાઉ ઝાડ થકી લોકો આવક મેળવે આવા ત્રિવિધાર સાથે અદાણી ફાઉન્ડેશન, દહેજ-ભરૂચ દ્વારા શાળાના બાળકો અને ગ્રામજનોને છોડ અને ફળાઉ ઝાડનું વિતરણ કરવામાં આવ્યું હતું. ભરૂચ જિલ્લામાં ૧૨૫૦ ઘર, આઠ સ્કૂલ અને આંગણવાડી મળી ૧૮૦૦૦ ફળાઉ ઝાડ વાવવાનું લક્ષ્યાંક છે. જેમાં પ્રથમ દિવસે ૨૩૨૫ ફળાઉ ઝાડનું વિતરણ વિભાગના પનપંચિયા, હાથકૂડી અને



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અદાણી ફાઉન્ડેશનના 'કામધેનુ' પ્રોજેક્ટ થકી પશુપાલકોના જીવનમાં હરિયાળી



અતુલ્ય હિન્દુસ્તાન સંવાદદાતા સુરભી શરૂ થયેલ 23 એપ્રિલ નો વિશ્વ પુસ્તક દિવસ છે જેમાં મનવા આજીવે છે. પુસ્તક-પાઠનો સહયોગ તેને વિશે દરમિયાન વિનિમ્ય કરવામાં આ ઉત્સવનું વિનિમ્ય છે. અદાણી ફાઉન્ડેશનના કે. આર. ડેવેચંદ્રે તે એક સુવ્યવસ્થા કરી વિનિમ્ય પુસ્તકોને વિનિમ્ય કરવામાં આવી છે.

અસન-અસન રંગ કે યુકે ટેક બનાવવા માટે છે. શિક્ષકોને પ્રત્યેક છાત્ર અને છાત્રીને 25 થી 50 પુસ્તકો મળવા માટે સંસ્કૃત વિનિમ્ય કરવામાં આવ્યું છે. અસન-અસન રંગ કે યુકે ટેક બનાવવા માટે છે. શિક્ષકોને પ્રત્યેક છાત્ર અને છાત્રીને 25 થી 50 પુસ્તકો મળવા માટે સંસ્કૃત વિનિમ્ય કરવામાં આવ્યું છે.

અસન-અસન રંગ કે યુકે ટેક બનાવવા માટે છે. શિક્ષકોને પ્રત્યેક છાત્ર અને છાત્રીને 25 થી 50 પુસ્તકો મળવા માટે સંસ્કૃત વિનિમ્ય કરવામાં આવ્યું છે.

ઉત્તમ અને પ્રોત્સાહક પરિણામો મળી રહ્યા છે. દક્ષિણ ગુજરાતમાં દહેજની આસપાસના ગામોમાં પશુપાલકોના સંવર્ધન થવાથી પશુપાલકોની આવકમાં વૃદ્ધિ થઈ છે. દહેજ, તા. ૦૪ ફાઉન્ડેશન પશુપાલકોના જીવનમાં હકારાત્મક પરિવર્તન લાવી રહ્યું છે. કામધેનુ પ્રોજેક્ટ થકી સમુદાયોની આવક સાથે જીવનસ્તર સુધરી રહ્યું છે. પશુપાલકો રસીકરણ, સારવાર, શેડ, યોગ્ય ઘાસચારો અને કૃત્રિમ બીજદાન સહિત તંદુરસ્ત ઉછેરના

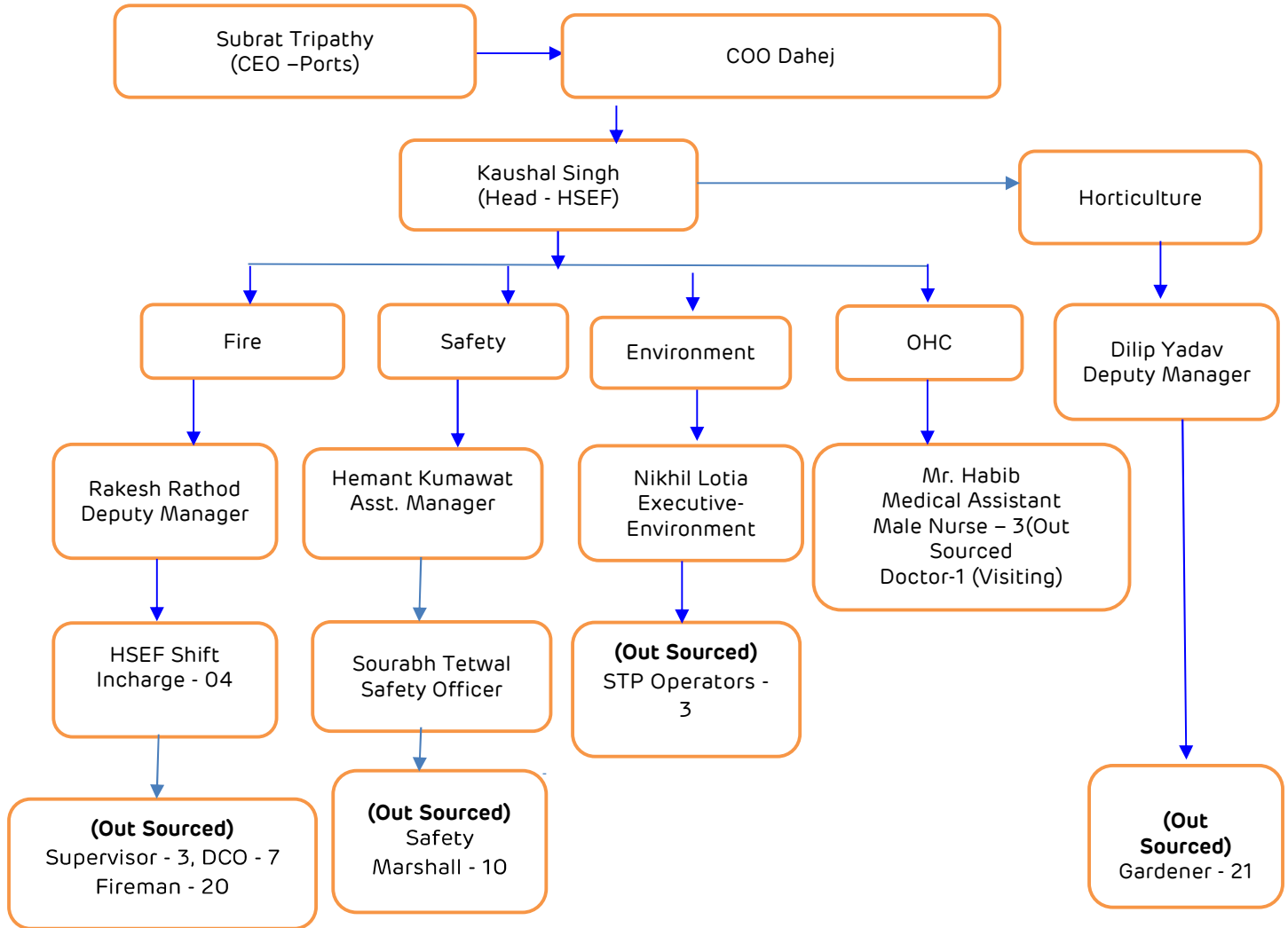
જેનાથી પુશપાલક પશુપાલકો ફાઉન્ડેશનની કામગીરીની ભરપૂર પ્રસંશા કરી રહ્યા છે. દહેજ નજીકકો દરના નાંધરખામાં રહેતા શાંતાબેન ગોહિલનો મુખ્ય વ્યવસાય પશુપાલન છે. તેમના પરિવારમાં ૧૩ સભ્યો વચ્ચે ૧૫ એકર જમીન આવકનું સાધન છે.



Thank You

Annexure - 8: Organogram of APDPL - Environment Management Cell

**ADANI PETRONET (DAHEJ) PORT LTD.
Department: HSE Management Cell**



Details of Environment Cell				
S. No.	Name	Designation	Qualification	Work Experience
1.	Kaushal Singh	Associate Manager - HSE	Dip-Mech, PGDFS, NEBOSH	18 Years
2.	Rakesh Rathod	Deputy Manager- HSE	B.E. Mech., M. tech – Industrial Safety, PDIS	17 Years
3.	Dilip Yadav	Deputy Manager (Horticulture)	B. Tech Agriculture Science	16 Years
4.	Hemant Kumawat	Asst. Manager	Dip – Mech, Dip. In Fire & Safety, NEBOSH	15 Years
5.	Nikhil Lotia	Executive- (Environment)	B.E. Environment	7 Years



GUJARAT POLLUTION CONTROL BOARD

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

By R.P.A.D.

CONSENT TO OPERATE (CTO)
(CCA Amendment for name change)

NO: GPCB/BRCH-B/CCA-06(8)/ID-31664/

DT: /05/2023

To,
M/s: Adani Petronet (Dahej) Port Ltd. (APDPL)
At & Post: Lakhigam,
Ta. Vagra & Dist. Bharuch.

SUB: Correction in CCA Amendment No: 116434, Dated 09/03/2022 under various Environmental Acts/ Rules.

REF: (1) Your letter dated. 07/12/2022
(2) CCA AMENDMENT No: 116434, issued vide letter no. GPCB/BRCH-B /CCA-6(7)/ID-31664/625047, dated: 09/03/2022.

Sir,

This has reference to the CCA AMENDMENT No: 116434, issued vide letter no. GPCB/BRCH-B /CCA-6(7)/ID-31664/625047, dated: 09/03/2022 and vide your application under reference no. 1, CCA Amendment (AWH-116434) stands amended as under.

1. Name of the industry shall now be read as "M/s: Adani Petronet (Dahej) Port Ltd. (APDPL)" in place of "M/s. Adani Petronet (Dahej) Port Pvt. Ltd. (APDPPL)" from the date of issue of this letter.
2. All other conditions of CCA AMENDMENT No: 116434, issued vide letter no. GPCB/BRCH-B /CCA-6(7)/ID-31664/625047, dated: 09/03/2022 and further amended from time to time shall remain unchanged.

**FOR AND ON BEHALF OF
GUJARAT POLLUTION CONTROL BOARD**

(IRFAN KAGZI)
ENVIRONMENT ENGINEER

COPY TO:-

- **Regional Officer,**
G.P.C.Board,
Regional Office,
Bharuch..... For correction in XGN.

Clean Gujarat Green Gujarat

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

Outward No: 116434/05/2023