

Your (Half Yearly Compliance Report) has been Submitted with following details

Proposal No	IA/GJ/IND2/292720/2022
Compliance ID	1228292227
Compliance Number(For Tracking)	EC/M/COMPLIANCE/1228292227/2026
Reporting Year	2026
Reporting Period	01 Jun(01 Oct - 31 Mar)
Submission Date	20-05-2026
RO/SRO Name	Shri Satya Prakash Negi
RO/SRO Email	jhk119@ifs.nic.in
State	GUJARAT
RO/SRO Office Address	Integrated Regional Offices, Gandhi Nagar

Note:- SMS and E-Mail has been sent to Shri Satya Prakash Negi, GUJARAT with Notification to Project Proponent.

To,

Shri Trinadh Kumar Goripati, IFS (Addl. Charge)
Inspector General of Forests (C),
Ministry of Environment, Forest and Climate Change,
Regional Office, Gandhinagar,
"Karmayogi Bhawan", Block-3, F-2 Wing, 5th Floor, Near CH-3 Circle,
Sector-10A, Gandhinagar – 382 010
E-mail : iro.gandhingr-mefcc@gov.in

Subject: Six monthly compliance report (October, 2025 to March, 2026) of Environment Clearance (EC) for the project activities "VCM-2002 KTPA, PVC-2000 KTPA, Ethylene Glycol- 400 KTPA near village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat" by M/s Mundra Petrochem Limited.

Reference : 1). EC Identification No. - EC22A020GJ133762, File No. IA-J-11011/149/2021-IA II(I) dated 31/08/2022.
2). F.No.J-11011/149/2021 – IA – II(I) Dated 27/12/2022.
3). Compliance ID: 639121178, Compliance No.: EC/M/COMPLIANCE/639121178/2025 Submission Date: 27/11/2025 for the reporting period April, 2025 – September, 2025.

Respected Sir,

With reference to above subject, MoEF&CC vide above refer letter dated 31/08/2022 has granted environment clearance for the project activities "VCM-2002 KTPA, PVC-2000 KTPA, Ethylene Glycol- 400 KTPA near village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat by M/s Adani Enterprises Limited". Followed by MoEF&CC vide above refer letter dated 27/12/2022 has transferred the Environment Clearance on the name of M/s Mundra Petrochem Limited from M/s Adani Enterprises Limited.

The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site. We are submitting a soft copy of the six-monthly EC compliance report for the period October 2025 to March 2026 for your ready reference and record please.

We hope you will find the above in order.

Thanking you,
Yours faithfully,


Vinay Kumar Singh
CSO & BU Environment Head

Copy to : 1. Reginal Directorates, CPCB, Vadodara : arvindjha.cpcb@gov.in
2. Member Secretary, GPCB : ms-gpcb@gujarat.gov.in
3. Regional Office, GPCB (Kutch East): ro-gpcb-kute@gujarat.gov.in

Mundra Petrochem Limited
"Adani Corporate House",
Shantigram, Near Vaishno Devi Circle,
S. G. Highway, Khodiyar
Ahmedabad 382 421
Gujarat, India
CIN: U23209GJ2021PLC122112

Tel. + 91 79 2656 5555
Fax + 91 79 2555 5500
info@adani.com
www.adani.com

MUNDRA PETROCHEM LIMITED

Six Monthly EC Compliance Report

October, 2025 – March, 2026

ENVIRONMENTAL CLEARANCE

FOR

The project activities "VCM-2002 KTPA,
PVC-2000 KTPA, Ethylene Glycol- 400 KTPA at
Mundra, Kutch
Gujarat

EC IDENTIFICATION NO. EC22A020GJ133762 DATED 31/08/2022

The logo for Adani, featuring the word "adani" in a lowercase, sans-serif font. The letters are colored in a gradient from blue on the left to purple on the right.

Petrochemicals

Mundra Petrochem Limited
Adani Corporate House, Shantigram, Near
Vaishnodevi Circle, S G Highway, Ahmedabad-
382421, Gujarat

Mundra Petrochem Limited

Introduction:

Mundra Petrochem Limited, wholly owned stepdown subsidiary of Adani Enterprises Limited (AEL) intends to setup a PVC Project at Mundra, Kachchh, Gujarat. The overall PVC Production capacity of the proposed project is 2000 KTPA (Kilo Tons Per Annum). PVC grades such as Suspension PVC (Resin), Chlorinated PVC (C-PVC), Mass PVC (bulk) and Emulsion PVC (paste) would be produced at the PVC Project.

For the implementation of this project, various units are proposed to be established, including a Semi-Coke Plant, Calcium Carbide Plant, Acetylene Plant, Caustic Soda (Chlor-Alkali process) Plant, VCM Plant, PVC Plant, Ethylene Glycol Plant, and Clinker & Cement Plant.

PVC produced from the facility will serve the domestic market, thereby reducing reliance on imports. The products and by-products from the plant will be marketed domestically or internationally based on prevailing market conditions.

Ministry of Environment Forest and Climate Change has granted Environment Clearance for proposed project "Poly-Vinyl Chloride (PVC) comprising of IND-I projects i.e. Semi Coke– 2030 KTPA, Cement– 6 MTPA; Clinker–4 MTPA, IND-II projects i.e. VCM– 2002 KTPA, PVC– 2000 KTPA, Ethylene Glycol– 400 KTPA and IND-III projects i.e. Acetylene–860 KTPA & Caustic Soda–1310 KTPA) and Calcium Carbide–2900 KTPA (Not Specified in EIA Notification)) in land notified as Industrial area of APSEZ, Ta-Mundra, Dist-Kachchh, Gujarat." vide –

Industry – I activity: EC identification no. EC22A009GJ154137 and file no. IA-J-11011/423/2021-IA-II(IND-I) dated 26/09/2022.

Industry – II activity: EC Identification No. - EC22A020GJ133762, File No. - IA-J-11011/149/2021-IA-II(I) dated 31/08/2022.

Industry – III activity: EC Identification No. - EC22A013GJ127411, File No. - IA-J-11011/149/2021-IA-II(I) dated 31/08/2022.

As part of the company's long-term business strategy, the proposed project activities have been transferred from M/s Adani Enterprises Limited (AEL) to M/s Mundra Petrochem Limited (MPL). MPL, a wholly owned subsidiary of AEL, was incorporated under the provisions of the Company Act, 2013 to undertake various business activities related to Semi-Coke, Calcium Carbide, Cement & Clinker, VCM, PVC, Ethylene Glycol, Chlor-alkali, acetylene plants, and associated products in a phased manner. Further above granted Environment Clearances have been transferred in the name of M/s Mundra Petrochem Limited (MPL) by Ministry of Environment Forest and Climate Change (MOEFCC) vide their letter no.

- 1. Industry – I activity: - File no. IA-J-11011/423/2021-IA-II(IND-I) Dated 23/12/2022.**
- 2. Industry – II activity: - File no. J-11011/149/2021-IA-II(I) Dated 27/12/2022.**
- 3. Industry – III activity: - File no. IA-J-11011/149/2021-IA-II(I) Dated 28/11/2022.**

Further, the Consent to Establish (CTE) is granted by the Gujarat Pollution Control Board (GPCB) vide order CTE-59301 dated 13/12/2022 and same was transferred in the name of Mundra Petrochem Limited on dated 12/04/2023.

The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site. The latest progress status of site construction activities is attached as **Annexure – I**.

Point wise Compliance of Environmental Clearance for Industrial activity-II- Proposed VCM–2002 KTPA, PVC–2000 KTPA, Ethylene Glycol– 400 KTPA vide EC Identification No: EC22A020GJ133762 File No: IA-J-11011/149/2021-IA-II(I) Date: 31/08/2022 & subsequent EC Transfer vide File no. J-11011/149/2021-IA-II(I) Dated 27/12/2022.

S. No	Conditions	Status
A	Specific Condition	
(i)	The project proponent shall abide by all orders and judicial pronouncements made from time to time in the case related to public hearing and land which is pending with Gujarat High court	Agreed with requirements.
(ii)	3D studies of risk assessment shall be carried out for all hazardous chemicals and submitted to MoEF&CC within three (03) months. Recommendations of mitigation measures from possible accident shall be implemented based on advanced risk Assessment studies conducted for worst case scenarios using latest techniques.	<p>Noted and being complied with.</p> <p>Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site. Detailed HAZOP reviews are conducted for all process units in the PVC complex to identify potential hazards, operability issues, associated risks, safeguards, and risk reduction measures using guide words in a structured approach.</p> <p>In addition, a comprehensive Risk Assessment study covering the entire complex has been completed by a reputable agency. Recommendations for mitigation measures from various risk assessments are being incorporated into project design, engineering, and construction for on-site implementation. Accordingly, an Emergency Preparedness Plan and Disaster Management Plan are currently being developed for future execution/implementation. Copy of the 3D Consequence Analysis report has been submitted along with last six-monthly compliance report vide compliance ID no.127652950 dated 27th November 2025.</p>
(iii)	PP shall conduct monitoring of site-specific meteorological data & air quality modelling for winter season after commissioning of plant and submit the report to the Regional Office of MoEF&CC.	<p>Noted and shall be complied with the requirements.</p> <p>Remark: The PVC project is nearing completion of detailed engineering and</p>

S. No	Conditions	Status
		procurement, with construction underway on site. Site specific meteorological data & air quality modelling for winter season will be conducted after commissioning of plant and same will be submitted to regional office of MoEF&CC.
(iv)	SO ₂ emission standard from coal fired steam boilers within the projects is proposed to be within 100 mg/Nm ³ that shall be achieved by installing suitable APCD such as Flue Gas Desulphurization for reduction of SO _x emissions. The National Emission Standards for Petrochemical (Basic & Intermediates) issued by the Ministry vide G.S.R. 820 (E) dated 9th November 2012 as amended time to time shall be followed.	Noted and shall be complied with the requirements. Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site. Also, as part of decarbonization strategy for the PVC project, all the coal-based boilers have been replaced with cleaner fuel i.e. Natural gas. So that there will be no generation of more pollutant. However, suitable APCD will be installed to control the pollutant level within the stipulated norms.
(v)	Incinerator of VCM Plant shall be constructed as per regulatory requirements under The Environment (Protection) Rules, 1986 for incinerator facility. VCM monitoring in ambient air shall be conducted online at 4-5 locations within plant and at AAQM monitoring locations within the study area also. Dioxins and furan emissions shall be controlled by providing proper control systems including chillers, carbon and lime dosing and running the process as per the CPCB guidelines. Monthly VOC monitoring shall be done at vulnerable points.	Noted and shall be complied with the requirements. Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site. However, necessary arrangements will be made according to stipulated norms to construct the VCM incinerator and control dioxins and furan emissions. The engineering design of the VCM incinerator will comply with the applicable rules as amended in the Environment (Protection) Rules, 2010 (G.S.R.608 (E), dated 21st July 2010). Furthermore, during operations, monitoring of relevant VOCs and VCM will be conducted on a monthly basis as required.
(vi)	Properly designed and appropriate air pollution control equipment shall be attached to flue gas stacks of PVC plant, VCM plant and Ethylene Glycol Unit and flare stacks as mentioned in the environment management plan. Emission control measures shall be taken to ensure air emission standards and norms as	Noted and shall be complied with. Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site. Necessary APC equipment will be attached to flue gas stacks of PVC plant, VCM plant

S. No	Conditions	Status
	prescribed by CPCB and SPCB are strictly followed.	and Ethylene Glycol Unit etc. as mentioned in the environment management plan for ensuring the emission level well within the stipulated norms by CPCB and SPCB.
(vii)	The company/PP shall ensure that there will be no impact on mangroves plantation present in study area due to the construction and operation phase of the project activities.	Noted and being complied with. Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site. The highest priority is being given to the conservation and protection of the nearby mangrove forest. Moreover, this degree of priority will continue to be maintained throughout the operational stage
(viii)	Conservation plan as submitted and approved by Chief Wildlife Warden, Gandhinagar vide letter no. WLP/32/C/297-298/2022-2023 dated 18/06/2022 shall be followed and budget earmarked shall be invested within the given time frame.	Noted and being complied with the requirements. Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site. Further, activities for the wildlife conservation plan have been completed. The review and maintenance of the plan are being conducted in consultation with the Forest Department, Kachchh, Bhuj. Details of activities performed according to the approved site-specific wildlife conservation/management plan are attached as Annexure - II . A copy of the report is being furnished to the Regional Office of the MoEF&CC along with the six-monthly compliance report.
(ix)	10% of total power requirement with respect to PVC, VCM, & Ethylene glycol process in overall PVC project will be met by purchasing renewable energy through DISCOM from suitable renewable energy generator or alternate sources.	Noted and shall be complied with. Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site. Further, the project has already planned to utilize more than 10% of electricity from renewable sources such as solar and wind, which will help in reductions in GHG emissions during operation phase.

S. No	Conditions	Status
(x)	<p>There will be no groundwater extraction for this project. The total water requirement for PVC, VCM, Ethylene Glycol process will be 29,040 m³/day and for other common utilities will be 65,948 m³/day and will be met from APSEZL Seawater Desalination plant. Necessary permission in this regard shall be obtained from the concerned regulatory authority. The project proponent will treat and reuse the treated water within the factory and no waste or treated water shall be discharged outside the premises. Also, company shall explore possibility of optimizing and reducing the water consumption during detailed engineering and operational stage to reduce the OPEX for De-saline water.</p>	<p>Noted and shall be complied with the requirements.</p> <p>Remark: Water needed for construction is currently supplied by the Seawater Desalination Plant, and this source will be continued throughout the operations phase also. There is no groundwater extraction taking place, nor are there any plans for it in the future. Further, this project is based on "Zero Liquid (Effluent) Discharge" concept. So, there will be no untreated water discharge outside the premises. Further, possibilities are being explored for optimizing and reducing the water consumption in detailed engineering based on technical feasibilities. Also, water conservation initiatives will further be explored during operational stage to reduce the OPEX for De-saline water.</p>
(xi)	<p>Comprehensive water audit to be conducted on annual basis and report to the concerned Regional Office of MOEF&CC. Outcome from the report to be implemented for conservation scheme. Performance assessment of pollution control systems/ devices shall be done annually.</p>	<p>Noted and shall be complied with.</p> <p>Remark: Comprehensive water audit will be conducted on an annual basis during the plant operation phase and the report for the same will be furnished to Regional Office, MoEF&CC. Further, outcomes of the water audit will be implemented for conservation scheme and performance assessment of pollution control systems/ devices will also be done annually during operation phase.</p>
(xii)	<p>Industrial waste water shall be treated in ETP followed by RO and MEE. Treated water shall be reused back as cooling tower make up water and boiler feed water. Domestic sewage shall be treated in STP, and treated water shall be reused in gardening. No any untreated water shall be disposed of outside the plant area to avoid impact on surface water quality and Zero effluent Discharge concept shall be followed. Online flow meters shall be installed at inlet and outlet of the ETPs. Use of PPE's shall be mandatory while handling the chemicals in ETP to avoid spillage</p>	<p>Noted and shall be complied with.</p> <p>Remark: This project is based on "Zero Liquid (Effluent) Discharge" Concept and there will be no untreated water discharge outside the plant premises. Further, adequate capacity of wastewater treatment system will be installed to achieve the Zero Liquid (Effluent) Discharge". Treated water will be reused for cooling tower make up water and/or for other suitable activities inside the plant premises. Moreover, required online flow meters will be installed to measure the ETPs flow and adequate measures will be</p>

S. No	Conditions	Status
		<p>ensured while handling the chemicals in ETP to avoid spillage.</p> <p>In addition to this, STP has been set up for necessary treatment of domestic wastewater during construction activities. Environment Monitoring Report is enclosed as Annexure - III.</p>
(xiii)	<p>Company shall provide extended aeration system in the ETP scheme for removal of total Ammonical nitrogen. The existing ammonia tower in ETP scheme shall be used only for removal of free ammonia from incoming effluent.</p>	<p>Noted and shall be complied with.</p> <p>Remark: ETP shall be designed considering the nature of effluent and all requisite arrangement will be provided in the ETP to control the Ammonical Nitrogen as well as free Ammonia in the effluent (if any).</p>
(xiv)	<p>Process effluent/any wastewater shall not be allowed to mix with storm water. Storm water drain shall be passed through guard pond. Oil catchers/oil traps shall be provided at all possible locations in rain/ storm water drainage system inside the factory premises</p>	<p>Noted and shall be complied with.</p> <p>Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site. However, A robust stormwater drainage system with settling arrangements is being constructed. Photographs of the same is enclosed as Annexure - I. In addition, Guard ponds will be adequately provided to manage the initial storm runoff during rain. Additionally, oil catchers and oil traps will be installed at all feasible locations within the rain and storm water drainage system inside the factory premises.</p>
(xv)	<p>For safety and control of risk of any leakage from Anhydrous HCl pipeline, the pipeline shall be built using a seamless pipe with no flanges in between. Periodic Leak check with ammonia torch shall be carried out to detect the leak point along the pipeline. Toxic Leak detectors shall be installed and regularly tested at appropriate detection levels as per industry norms. Regular pipeline thickness measurements and maintenance shall be ensured. Continuous monitoring of pressure of HCl pipeline with high priority alarms, Pressure drop detection shall be monitored for promptly addressing of any leak. SCADA system shall be installed for the pipelines and interlocking shall be done. Chlorine storage tank shall be</p>	<p>Noted and shall be complied with.</p> <p>Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site.</p> <p>All mandatory sensors and leak detectors will be installed according to established safety standards to mitigate the risk of leakages from the anhydrous HCl pipeline. Additionally, continuous monitoring of the HCl pipeline's pressure with high-priority alarms and pressure drop detection will be implemented to promptly address any leaks. A SCADA system will be installed for the pipelines, with appropriate interlocking mechanisms. Furthermore, the chlorine</p>

S. No	Conditions	Status
	provided with safety measures such as level indicators with alarm, chlorine gas detector, chlorine sensors and emergency blower suction hoods with storage tank, rupture disc and remotely operated auto valves.	storage tank will be equipped with comprehensive safety measures, including level indicators with alarms, chlorine gas detectors, chlorine sensors, emergency blower suction hoods, rupture discs, and remotely operated automatic valves.
(xvi)	The total ash generated from the coal fired boilers shall be utilized in proposed inhouse cement manufacturing unit.	<p>Noted and shall be complied with.</p> <p>Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site.</p> <p>Also, as part of decarbonization strategy for the PVC project, all the coal-based boilers have been replaced with cleaner fuel i.e. Natural gas. So that there will be no generation of fly ash.</p>
(xvii)	Public Hearing issues raised by the local people shall be addressed as per the budget and timeline submitted.	<p>Noted and being complied with the requirements.</p> <p>Remarks – The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site.</p> <p>The action plan addressing issues identified during the public hearing, and socio-economic concerns in the study area. MPL has continued to strengthen socio-economic across all villages within the project area through CER activities. During the FY 2025-26, total CER expenditure on various activities for community welfare and eco-development has been amounted to INR 957.228 lakhs. Cumulative CER spending up to the end of the fiscal year 2025 – 26 stands at approximately INR 2235.901 lakhs, reflecting in line with progress of the project.</p> <p>The details of CER activities with expenditures are summarized in CER report enclosed as Annexure – IV.</p>

S. No	Conditions	Status
(xviii)	<p>The company shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management and risk mitigation measures relating to the project shall be implemented.</p>	<p>Noted and shall be complied with.</p> <p>Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site.</p> <p>The project site has implemented several environmental protection measures and safeguards in line with the EMP, fulfilling relevant regulatory requirements and using the best available technologies inbuilt into the engineering and process design. Additionally, measures such as paving internal roads, sprinkling water on roads and open areas to control dust, enforcing speed limits to reduce airborne particulate matter, and transporting materials in bulkers or under tarpaulin covers were implemented during construction to protect the environment.</p> <p>Report with Photographs of the same is enclosed as Annexure - V.</p>
(xix)	<p>Hazardous chemicals shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm, and solvent transfer to be done through pumps.</p>	<p>Noted and shall be complied with.</p> <p>Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site.</p> <p>Safe storage practices will be implemented for hazardous chemicals. Additionally, in the interest of risk management, flame arresters will be installed in the tank farm, and solvent transfer will be conducted using appropriate equipment and pumps.</p>
(xx)	<p>Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.</p>	<p>Noted and shall be complied with.</p> <p>Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site. Disposal of hazardous waste /organic residue and spent carbon etc. will be done through co-processing in cement industries after obtaining necessary authorization. Further, evaporation salt will be disposed off to the TSDF during operation phase.</p>

S. No	Conditions	Status
(xxi)	The oily sludge shall be subjected to melting pit for oil recovery and the residue shall be bio – remediated. The sludge shall be stored in HDPE lined pit with proper leachate collection system	Noted and shall be complied with. Remark: Adequate arrangements shall be provided for collection, oil recovery and storage of oily sludge.
(xxii)	The company shall undertake waste minimization measures as below: (a) Metering and control of quantities of active ingredients to minimize waste. (b) Reuse of by-products from the process as raw materials or as raw material substitutes in other processes. (c) Use of automated filling to minimize spillage. (d) Use of Close Feed system into batch reactors. (e) Venting equipment through vapor recovery system. (f) Use of high-pressure hoses for equipment cleaning etc. to reduce wastewater generation.	Noted and shall be complied with the requirements. Remarks- The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site. However, the Environmental Management Plan during construction phase with incorporating of waste minimization practices has already been prepared and construction activities are being carried out accordingly. Best available practices including suggested measures will be adopted for waste minimization.
(xxiii)	The green belt of 5-10 m width shall be developed in at least 33% of the total project area of Pocket 1, mainly along the plant periphery, in downward wind direction, and along roadsides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department. Total 33% of the greenbelt shall be design so that thickness of the greenbelt is increased on downwind side of the project in comparison to other sides. Additionally, 20-meter wide shall be developed in the plant side adjacent to the Mangrove Forest.	Noted and shall be complied with the requirements. Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site. A greenbelt of adequate width will be established in phases, primarily along the plant perimeter, in the direction of prevailing winds, and alongside roads. The selection of plant species will be carried out in consultation with the State Forest Department. The adequate area is already allocated for developing & maintaining greenbelt as per the prevailing statutory/regulatory requirements. Tree plantation activities in nearby community villages, including roadside plantations, are being carried out in consultation with the local forest department & Village Panchayat. A copy of the implementation report is enclosed as

S. No	Conditions	Status
		<p>Annexure – VI with photographs of the plantation activity.</p>
(xxiv)	<p>As per the Ministry's OM dated 30.09.2020 superseding the OM dated 01.05.2018 regarding the Corporate Environmental Responsibility, and as per the action plan proposed by the project proponent to address the socio-economic and environmental issues in the study area, the project proponent, as committed, shall provide education funds in technical training centers/ support in nearby village's schools, support in health care facilities, drinking water supply and funds for miscellaneous activities like solar street lights, battery, solar panel etc., in the nearby villages. The action plan shall to be completed within time as proposed.</p>	<p>Noted and being complied with the requirements.</p> <p>Remarks – The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site.</p> <p>A range of eco-development initiatives, as well as community welfare programs, are being carried out in stages to improve the socio-economic status of the region. These efforts fall under Corporate Environmental Responsibility (CER) and involve collaboration with local villages and authorities.</p> <p>MPL has continued to strengthen socio-economic across all villages within the project area through CER activities. During the FY 2025 – 26, total CER expenditure on various extended activities for community welfare and eco-development has been amounted to INR 957.228 lakhs. Cumulative CER spending up to the end of the fiscal year 2025 – 26 stands at approximately INR 2235.901 lakhs, reflecting in line with progress of the project.</p> <p>The details of CER activities implemented during the reporting period along with expenditures are summarized in CER report enclosed as Annexure – IV.</p>
(xxv)	<p>The project proponent shall ensure 70% of the employment to the local people, as per the applicable law. The project proponent shall set up a skill development center/provide skill development training to village people</p>	<p>Noted and being complied with the requirements.</p> <p>Remark: Priority will be given to local people on skill basis as per the applicable law for employment.</p> <p>Skill development activities have already been started to impart necessary training</p>

S. No	Conditions	Status
		to village people as part of Corporate Environmental Responsibility.
(xxvi)	A separate Environmental Management Cell (having qualified person with Environmental Science / Environmental Engineering / specialization in the project area) equipped with full-fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions. EMC head shall report directly to Head of Organization / Managing Director / CEO as per company hierarchy	<p>Noted and Being Complied with.</p> <p>Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site.</p> <p>A separate Environmental Management Cell, staffed with qualified individuals specializing in Environmental Science and Engineering, has been established. The head of the EMC i.e CSO & BU Environment Head reports directly to the CEO according to the company's hierarchy. Furthermore, full-fledged environment management cell cum laboratory will also be developed at site for day-to-day environment management including carrying out the environmental monitoring activities as per the operational phase environment management plan.</p>
(xxvii)	The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Firefighting system shall be as per the norms.	<p>Noted and shall be complied with the requirements.</p> <p>Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site.</p> <p>Adequate Firefighting system / arrangement for protection of possible fire hazards during manufacturing process in material handling will be done as per the norms.</p>
(xxviii)	Continuous online (24x7) monitoring system for stack emissions shall be installed for measurement of flue gas discharge and the pollutants concentration, and the data to be transmitted to the CPCB and SPCB server. In case of the treated effluent to be utilized for irrigation/gardening, real time monitoring system shall be installed at the ETP outlet	<p>Noted and shall be complied with the requirements.</p> <p>Remark: Continuous online (24x7) monitoring system for stack emissions will be installed for measurement of flue gas discharge and the pollutants concentration as per CPCB Guideline and necessary arrangements will be made for transmission of data to the CPCB / SPCB server during operation phase. Further, as this project is on "Zero Liquide Discharge"</p>

S. No	Conditions	Status
		Concept, real time monitoring system will be installed at the ETP outlet as per CPCB Guideline.
(xxix)	PP to set up occupational health Centre for surveillance of the worker's health within and outside the plant on a regular basis. The health data shall be used in deploying the duties of the workers. All workers & employees shall be provided with required safety kits/mask for personal protection.	<p>Noted and shall be complied with the requirements.</p> <p>Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site. Regular health check-up is being done and fitness reports of workers / employees during construction phase are maintained.</p> <p>Furthermore, once operations commence, routine occupational health monitoring of employees will be implemented, with all records maintained in accordance with established protocols.</p> <p>In addition to this, it will be ensured that workmen are equipped with all necessary PPEs for Personal protection during construction as well as operational activities.</p>
(xxx)	PP shall sensitize and create awareness among the people working within the project area as well as its surrounding area on the ban of Single Use Plastic in order to ensure the compliance of Notification published by MOEFCC on 12th August 2021. A report along with photographs on the measures taken shall also be included in the six-monthly compliance report being submitted to concerned authority.	<p>Noted and being complied with the requirements.</p> <p>Remarks: Regular awareness programs are being conducted in nearby community areas to promote the ban on single-use plastics along with other important environmental conservation issues. A copy of this information is enclosed as Annexure - VII.</p>
B	General Conditions	
(i)	No further expansion or modifications in the plant, other than mentioned in the EIA Notification, 2006 and its amendments, shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change/SEIAA, as applicable. In	<p>Agreed with requirement.</p> <p>An application under Para 7 (ii) (c) of the EIA notification vide reference SW/265935/2025 dated 19/11/2025 has been submitted at PARIVESH portal for</p>

S. No	Conditions	Status
	<p>case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry/SEIAA, as applicable, to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.</p>	<p>change in plant configuration during execution of the project as outcome of detailed engineering and process design, without change in production capacity and no increase in pollution load (NIPL) in line with the MoEF&CC notification vide reference S.O. 980(E) 2nd March 2021.</p> <p>A certificate of "no increase in the pollution load (NIPL)" for the proposed changes is obtained from the reputed State-Owned Public-Sector agency i.e. M/s Gujarat Industrial and Technical Consultancy Organization Ltd. (GITCO), also a recognized Schedule-I Environmental Auditor by the GPCB.</p> <p>The Acknowledgement copy from the PARIVESH Portal in respect of No change in production capacity and No increase in pollution load (NIPL) for the project proposal under the provisions of para 7(ii) c of EIA Notification and its subsequent amendment S.O.980-(E), dated 2nd March 2021 has been submitted along with last six monthly compliance report vide compliance ID no. 127652950 Dated 27th November, 2025.</p>
(ii)	<p>The energy source for lighting purpose shall be preferably LED based, or advanced having preference in energy conservation and environment betterment.</p>	<p>Noted and being complied with the requirements.</p> <p>Remark: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site.</p> <p>Energy efficiency measures are being integrated into project design and engineering. High-quality LED lighting equipment will be installed in offices and residential areas for energy conservation and environment betterment.</p>
(iii)	<p>The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels</p>	<p>Noted and being complied with.</p> <p>Remark: The PVC project nearing completion of detailed engineering and procurement, with construction underway on site.</p>

S. No	Conditions	Status
	<p>shall conform to the standards prescribed under the Environment (Protection) Act, 1986 Rules, 1989 viz. 75 dBA (Day time) and 70 dBA (Nighttime).</p>	<p>Additionally, ambient noise quality monitoring (ANQM) is being conducted at designated locations within the project site and surrounding villages by an independent NABL accredited laboratory. The results of the ANQM adhere to the standards specified under the E(P)A Rules, 1986. The Environment Monitoring report is attached as Annexure – III.</p>
(iv)	<p>The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CER activities shall be undertaken by involving local villages and administration and shall be implemented. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.</p>	<p>Noted and being complied with the requirements.</p> <p>Remark: A range of eco-development initiatives, as well as community welfare programs, are being carried out in stages to improve the socio-economic status of the region. These efforts fall under Corporate Environmental Responsibility (CER) and involve collaboration with local villages and authorities.</p> <p>MPL has continued to strengthen socio-economic across all villages within the project area through CER activities. During the FY 2025 – 26, total CER expenditure on various extended activities for community welfare and eco-development has been amounted to INR 957.228 lakhs. Cumulative CER spending up to the end of the fiscal year 2025 – 26 stands at approximately INR 2235.901 lakhs, reflecting in line with progress of the project. The details of CER activities implemented during the reporting period along with expenditures are summarized in CER report enclosed as Annexure – IV.</p>

S. No	Conditions	Status
(v)	The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/ pollution control measures shall not be diverted for any other purpose.	<p>Noted and shall be complied with the requirements.</p> <p>Remarks- The PVC project nearing completion of detailed engineering and procurement, with construction underway on site.</p> <p>Adequate funds for EMP / environment management / pollution control measures as part of CAPEX & OPEX have been kept for implementing and complying the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the state Government.</p>
(vi)	A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zilla Parishad / Municipal Corporation, Urban local Body and the local NGO, if any, from whom suggestions / representations, if any, were received while processing the proposal.	<p>Environmental Clearance letter has been submitted to concerned panchayats (all 15 villages) & The Taluka Development Officer (Rural Local Body), The District Development Officer, District Industries Center, and the local NGO / trust from whom suggestions / representations received during public hearing. Letters no. are as under and reference Ack. copy of submission is enclosed as Annexure - VIII.</p> <p>1). AEL/MPL/ENV/EC/2022-September/01 Dated 02/09/2022.</p> <p>2). AEL/MPL/ENV/EC/2022- September/03 Dated 02/09/2022.</p> <p>3). AEL/MPL/ENV/EC/2022-September/06/01 to 15 Dated 02/09/2022.</p>
(vii)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.	<p>As per MoEF&CC Office Memorandum dated 14th June, 2022, Six monthly compliance report of stipulated environment clearance conditions including results of monitored data being uploaded on PARIVESH Portal & company's website i.e https://www.adanienterprises.com.</p>
(viii)	The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State Pollution Control Board as prescribed under the Environment	<p>Being Complied.</p> <p>The PVC project nearing completion of detailed engineering and procurement, with construction underway on site.</p>

S. No	Conditions	Status
	<p>(Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.</p>	<p>Moreover, Environmental Statement for the year 2025-26 have been Submitted to the Gujarat Pollution Control Board and IRO, Gandhinagar through vide our letter no. MPL/ENV/GPCB – Form – V/ 2026 – May/02 dated 08/05/2026 i.e within stipulated time period and same is also available on Company's Website i.e https://www.adanienterprises.com. Copy of the submission is enclosed as Annexure – IX.</p>
(ix)	<p>The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB / Committee and may also be seen at Website of the Ministry and at https://parivesh.nic.in/. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.</p>	<p>The advertisement stating "the project has been accorded environmental clearance by MoEF&CC and also displayed on company website" have been published on following news papers on 5th September, 2022. (i.e within 7 days of grant of Environmental Clearance).</p> <ol style="list-style-type: none"> 1. Kutch Mitra (Gujarati Language) 2. Gujarat Samachar (Gujarati Language) 3. The Times of India (English Language). <p>Copies of the same have already been submitted to concerned authorities through vide our letter no. AEL/MPL/ENV/MoEF&CC/2022 – September/05 dated 06/09/2022. Copy enclosed as Annexure – X."</p>

S. No	Conditions	Status
(x)	<p>The project authorities shall inform the Regional Office 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 the project.</p>	<p>Noted and complied. The requisite information is being submitted to authorities as part of six-monthly EC compliance report.</p> <p>Remarks: The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site. The date of financial closure is 25th April 2024 when MPL signed the financing documents with the lead banks. The commencement of land development including earth work preparation, piling for foundation/construction activities have been initiated after award of consent of establishment (CTE) from the state pollution control board i.e. 13th Dec. 2022 after obtaining necessary environmental clearance from the MoEF&CC. As per schedule, the production/commercial operation of all the proposed units is expected by 1st October 2027.</p>
(xi)	<p>This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.</p>	<p>Noted and agreed with requirement.</p>

Annexures

Annexure No.	Name
I	Progress Status (Photographs) of Site construction activities.
II	Activities as per approved "Wildlife Conservation Plan".
III	Environment Monitoring Report.
IV	CER Activities.
V	Photographs of Water Sprinkling and APC measures.
VI	Tree Plantation Activities.
VII	Awareness Program on "Ban on Single use Plastic".
VIII	Letter for Submission of EC copy to Concern Local Authorities.
IX	e-mail copy of submission of Environment Statement – Form – V.
X	Letter for submission of News paper and EC copy to concern authorities.

Annexure - I

Project Status



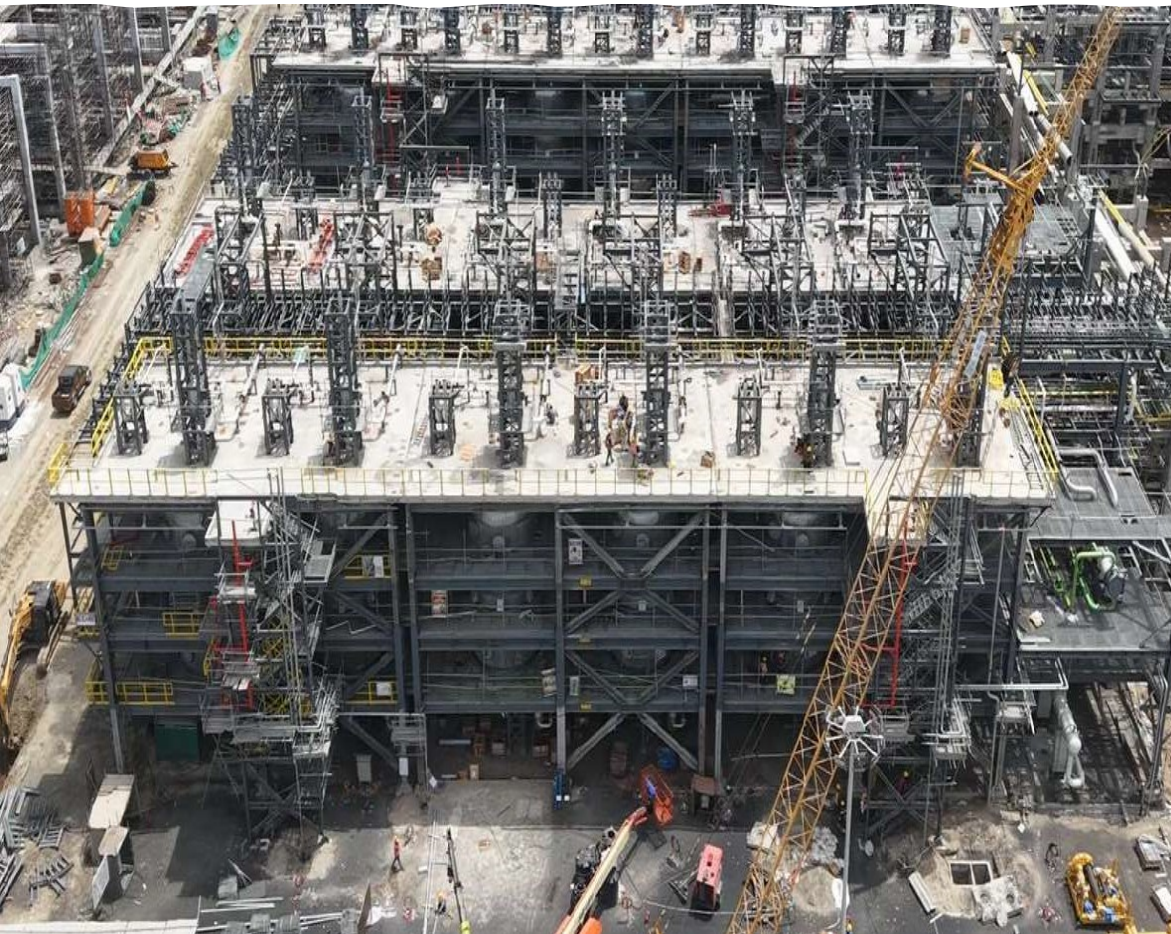
PVC Unit

- PVC Slurry Stripping Area
- Polymerization - Train 1 Area
- Train 1 Area





VCM Unit



- Pipe Rack.
- Refrigeration System.
- Main & Recycle Reactor Area.

Chlor-Alkali Unit

- Brine Section.
- Liquide Chlorine Storage Tanks area
- HCl Synthesis Unit





Acetylene Unit



- Transfer Tower.
- Acetylene Recovery Unit.
- Acetylene Silo Train 1.

Calcium Carbide Unit

- Gas Cooling & Tar Removal.
- Cooling Circulating water station.
- Semi Coke & Limestone Silos





Admin & Utilities

- Admin Building.
- Hydrochloric Acid & Sodium Hydroxide storage Tanks.
- Effluent Treatment Plant area.
- Storm Water Storage Pond



Wildlife Conservation



Under the Eco Club initiative, wildlife awareness programs were conducted across 70 schools in nearby villages, including those in the Mundra and Mandvi town areas. These programs focused on promoting environmental awareness, covering key topics such as wildlife conservation, alternatives to single-use plastics, and mangrove preservation.



More than 6,000 students took part in these programs, developing an understanding of the ecological significance of their local environment, including the interdependence of life on barren land and coastal regions.

Students were also introduced to the sanctuary and reserve forest areas within the district, along with the conservation measures in place to protect wildlife.

Mangroves, which are salt-tolerant trees and shrubs, flourish in coastal intertidal zones. These unique ecosystems are present along the coastlines of Mundra and Mandavi talukas including near the MPL premises. Mangrove forests play a vital role in maintaining healthy coastal environments and supporting nearby communities.



Mangrove plantation have been carried out at nearby PVC Project area – Kotadi Creek with *avicennia marina* as a local mangrove species. In addition to this, MPL is conserving mangroves through experts by constant supervision so that survival rate shall be more than 90%.



Following the approved wildlife conservation plan, two "Guzzler" water stations for wild animals have been built in the Reserve forest area of Navinal Dhuvu, near Bardimata Temple, in collaboration with and under the guidance of the District Forest Department, Kutch.



M/S. MUNDRA PETROCHEM LIMITED (MPL)

**Six Monthly Environmental Monitoring Report
Mundra Petrochem Limited (MPL) Located at near Village
Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat**

Month: Oct'25 - Mar'26

Submitted By



**UniStar Environment & Research Labs Pvt. Ltd.
White House, Near GIDC Office, Char Rasta, Vapi,
Gujarat, India – 396195**

M/S. MUNDRA PETROCHEM LIMITED (MPL)

**Six Monthly Environment Monitoring Report for Green
PVC Project near Village Vandh & Tunda, Taluka Mundra,
District Kachchh, Gujarat**

This report is released for the use of Mundra Petrochem Limited (MPL), Regulators and relevant stakeholders solely as part of the subject project's Environmental Compliance Process. Information provided, unless attributed to referenced third parties, is copyrighted, and shall not be used for any other purpose without the written consent from Mundra Petrochem Limited (MPL).

QUALITY CONTROL							
Name of Publication	Six Monthly Environmental Monitoring Report for Green PVC Project near Village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat						
SO No.	Service Order	Issue No.	1	Revision No.	01	Released	April 2026
Prepared & Managed By	MS. Pooja Gandhi		Approved by		Mr. Jaivik Tandel		
Released By	Unistar Environment and Research Labs Pvt. Ltd.						

TABLE OF CONTENTS

1 EXECUTIVE SUMMARY.....	5
1.1 INTRODUCTION.....	5
1.1.1 About ADANI Group.....	5
1.1.2 About UniStar Environment and Research Labs Private Limited (UERL).....	5
1.2 BRIEF DESCRIPTION OF PROJECT	5
2 ENVIRONMENTAL MONITORING.....	6
2.1 GENERAL PHILOSOPHY & SCOPE OF WORK.....	6
2.2 SAMPLING & ANALYSIS	7
2.2.1 Ambient Air Quality Sampling and Analytical Techniques	7
2.2.2 Ambient Noise Level Sampling Techniques.....	8
2.2.3 Ground Water Sampling & Analysis Techniques.....	8
2.2.4 Surface Water Sampling & Analysis Techniques.....	9
2.2.5 Surface Water (Marine) Sampling & Analysis Techniques	10
2.2.6 Treated Water Sampling & Analysis Techniques.....	10
2.3 LOCATION (MAP SHOWING GENERAL LOCATION, MONITORING LOCATION AND PROJECT BOUNDARY) WITH COORDINATES & MONITORING DETAILS.	11
3 CLIMATIC CONDITON.....	17
3.1 CLIMATIC DATA FROM SECONDARY SOURCES.....	17
4 ANALYSIS & INTERPRETATION	19
4.1 AMBIENT AIR	19
4.2 AMBIENT NOISE	24
4.3 WATER QUALITY	26
4.3.1 Ground Water Quality.....	26
4.3.2 Surface Water Quality.....	29
4.3.3 Surface Water (Marine) Quality.....	30
4.3.4 Sewage Water Quality.....	32
4.4 SOIL QUALITY	32

LIST OF ANNEXURES

Annexure 1: Laboratory Recognition by MOEFCC, NABL, GPCB Sch.II Auditor & NABET Certification	34
Annexure 2: Calibration Certificates.....	35

ABBREVIATIONS AND ACRONYMS

MPL	:	Mundra Petrochem Limited
APL	:	Adani Power Limited.
APSEZL	:	Adani Ports & Special Economic Zone Limited
UERL	:	UniStar Environment and Research Labs Private Limited
CPCB	:	Central Pollution Control Board
EIA	:	Environment Impact Assessment
EMP	:	Environmental Management Plan
ETP	:	Effluent Treatment Plant
KLD	:	Kilo Liter Day
MOEFCC	:	Ministry of Environment, Forest & Climate Change
C ₂ H ₂	:	Acetylene
CaC ₂	:	Calcium Carbide
C ₂ H ₃ Cl	:	Vinyl chloride
Gol	:	Government of India
GPCB	:	Gujarat Pollution Control Board
PVC	:	Polyvinyl chloride
VCM	:	Vinyl Chloride Monomer

1 EXECUTIVE SUMMARY

1.1 Introduction

1.1.1 About ADANI Group

The Adani Group is a diversified organisation in India comprising 11 publicly traded companies. It has created a world class transport and utility infrastructure portfolio that has a pan-India presence. Over the years, Adani Group has positioned itself to be the market leader in its transport logistics and energy utility portfolio businesses focusing on large scale infrastructure development in India with O&M practices benchmarked to global standards. With four IG rated businesses, it is the only Infrastructure Investment Grade issuer in India.

Adani owes its success and leadership position to its core philosophy of 'Nation Building' driven by 'Growth with Goodness' - a guiding principle for sustainable growth. Adani is committed to increasing its ESG footprint by realigning its businesses with emphasis on climate protection and increasing community outreach through its CSR programme based on the principles of sustainability, diversity and shared values.

Adani group is now executing green PVC project (Green PVC) at near Village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat

1.1.2 About UniStar Environment and Research Labs Private Limited (UERL)

UniStar Environment and Research Labs Private Limited is a company which provide efficient and economical services in the areas of environmental pollution control/monitoring and chemical analysis & research activities to various industries and institutions. UniStar provides technical consultancy backed by well-established sophisticated analytical laboratories, to comply with Statutory requirements and directives of the Pollution Control Board/ Committees under various Environment Pollution Control Acts. and Rules. We also carry out post Environmental Clearance monitoring and assist our valued customers in preparation of Half-yearly Environmental Clearance Compliance report.

- Ministry of Environment, Forest and Climate Change (MOEFCC), GOI recognized the Laboratory under the Environment Protection Act-1986 which is valid up to – 18/10/2027.
- ISO/IEC 17025 Accredited Laboratory by National Accreditation Board for Testing and Calibration Laboratories (NABL) which is valid up to – 22/09/2026.
- Recognized Environmental Auditor Laboratory by Gujarat Pollution Control Board, Gandhinagar, Gujarat, India which is valid up to 31/12/2025. Renewal is under process

Copy of relevant certificates are attached as Annexure I.

1.2 Brief Description of Project

The proposed Green PVC Project is having various major units such as, Semi-coke Plant, Calcium Carbide Plant, Acetylene Plant, VCM Plant, PVC Plant, Caustic Soda Plant, Ethylene Glycol Plant & Cement Plant. The associated infrastructure facilities such as boiler, final/intermediate product storages etc, utilities, pipelines, ancillary facilities for interconnecting /transferring of materials between pockets, loading/unloading, roads, drainages, pipe racks, trenches, cable trays, non-plant buildings, laboratories, fabrication yards, batching Plant, dispatch section, general stores/ warehouse, fire & safety department, maintenance workshop, occupational health centre etc. will also be established.

2 ENVIRONMENTAL MONITORING

2.1 General Philosophy & Scope of Work

The environmental monitoring encompassed various disciplines and environmental attributes, including air quality, water quality, noise levels, and soil conditions. As per the given scope of work for environmental monitoring by MPL, we have prepared Environmental Monitoring Plan as per below.

Sr. No	Discipline	Location	Parameter	Frequency
1.	Ambient Air Quality Monitoring	Seven Locations	As per NAAQMS, 2009	Monthly
2.	Ambient Noise Monitoring	Seven Locations	Day Time & Nighttime - Noise Levels in Leq dB(A)	Monthly
3.	Treated Sewage water	One Location	pH, Bio-Chemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Total Suspended Solids (TSS), Faecal Coliform (FC) (Most Probable Number per 100 millilitre, MPN/100ml, Nitrogen-Total, Phosphorus-Total	Monthly
4.	Ground water	Eight Location	pH, Temperature, Turbidity, conductivity, Total Dissolved Solids, Bio-Chemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Salinity, Ammonical Nitrogen, Total Alkalinity, Total Hardness, Calcium, Magnesium, Chloride, Sulphate, Nitrate, Fluoride, Phenolic Compound, Sodium, Potassium, Calcium Hardness, Magnesium Hardness, Lead, Iron, Cadmium, Manganese, Copper, Arsenic, Chromium, Mercury, Nickel, Zinc, Total Nitrogen, Cyanide, Total Phosphorous, Sodium Absorption Ratio (SAR)	Pre & Post Monsoon
5.	Surface Water	Four Location	pH, Colour, Conductivity, Total Dissolved Solids, Bio-Chemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Dissolved Oxygen, Total Hardness, Calcium Hardness, Magnesium Hardness, Chloride, Sulphate, Nitrate, Fluoride, Phenolic Compound, Ammonical Nitrogen, Lead, Iron, Cadmium, Manganese, Copper, Arsenic, Chromium, Boron, Mercury, Zinc, Cyanide, Sodium Absorption Ratio (SAR)	Pre & Post Monsoon
6.	Surface Water (Marine)	Three Location	pH, Colour, Odour, turbidity, Total Suspended Solids, Total Dissolved Solids, Bio-Chemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Dissolved Oxygen, Oil & Grease, Lead, Iron, Cadmium, Manganese,	Pre & Post Monsoon

2.2 Sampling & Analysis

The selection of methods for sampling, preservation, and analysis holds significant importance in environmental monitoring. To ensure the highest quality in environmental sampling and analysis, the Central Pollution Control Board (CPCB) has established guidelines for these processes. Adhering to these guidelines, specific methods for sampling and analysis of environmental samples have been chosen and implemented. Instrument used in sampling are calibrated from NABL accredited Laboratory. Details are as follows:

Sr. No	Name of Instrument Used	ID No./Sr. No	Make/Model	Calibration Date	Cal. Valid up to
1.	Respirable Dust Sampler PM 10	UERL/AIR/RDS/15/2345-DTB-2012 / 1039-DTC-2012	Envirotech/ APM-460 BL, APM-411	19.12.2025	18.12.2026
2.	Fine Particulate Sampler PM 2.5	UERL/AIR/FPS/13 132-DTL-2012	Envirotech/ APM 550-MINI	19.12.2025	18.12.2026
3.	Respirable Dust Sampler PM 10	UERL/AIR/RDS/16 1744-DTA-2013 / 1127-DTJ-2012	Envirotech/ APM-460 BL, APM-411	18.12.2025	17.12.2026
4.	Fine Particulate Sampler PM 2.5	UERL/AIR/FPS/14 137-DTD-2013	Envirotech/ APM 550-MINI	18.12.2025	17.12.2026
5.	Respirable Dust Sampler PM 10	UERL/AIR/RDS/017 1745-DTA-2013 / 1139-DTA-2013	Envirotech/ APM-460 BL, APM-411	19.12.2025	18.12.2026
6.	Fine Particulate Sampler PM 2.5	UERL/AIR/FPS/15 125-DTD-2013	Envirotech/ APM 550-MINI	19.12.2025	18.12.2026
7.	Respirable Dust Sampler PM 10	UERL/AIR/RDS/018 1751-DTA-2013 / 1142-DTA-2013	Envirotech/ APM-460 BL, APM-411	20.12.2025	19.12.2026
8.	Fine Particulate Sampler PM 2.5	UERL/AIR/FPS/16 129-DTL-2012	Envirotech/ APM 550-MINI	20.12.2025	19.12.2026
9.	Sound Level Meter	UERL/AIR/SLM/02	Envirotech - SL-4015 /221209404	13.12.2025	12.12.2026
10.	Sound Level Meter	UERL/AIR/SLM/09A	Envirotech - SLM 100 /24 DTE 2008	16/12/2024	15/12/2025
11.	Sound Level Meter	UERL/AIR/SLM/09B	Envirotech - SLM 100 /310 DTK 2015	16/12/2024	15/12/2025
12.	Sound Level Meter	UERL/AIR/SLM/09C	Extech / SDL 600	16/12/2024	15/12/2025

*Calibration certificates are attached in Annexure II

2.2.1 Ambient Air Quality Sampling and Analytical Techniques

The techniques used for ambient air quality monitoring and its permissible limit are given in following table.

Sr. No.	Parameter	Technique	Technical protocol	Permissible Limit (As per NAAQS)
1.	Particulate Matter as PM10	Respirable Dust Sampler (Gravimetric method)	IS - 5182, Part - 23	100
2.	Particulate Matter as PM2.5	fine particular Sampler (Gravimetric method)	IS - 5182, Part - 24	60
3.	Sulphur Dioxide as SO2	Modified West and Gaeke	IS - 5182, Part - 2	80

Sr. No.	Parameter	Technique	Technical protocol	Permissible Limit (As per NAAQS)
4.	Nitrogen Dioxide as NO ₂	Jacob &Hochheiser	IS - 5182, Part - 6	80
5.	Carbon Monoxide as CO	Gas Analyser (CO)	IS - 5182, Part - 10	4.0
6.	Ozone as O ₃	UV Spectrophotometer	IS - 5182, Part - 9	180
7.	Ammonia as NH ₃	Titrimetric Method	IS - 5182, Part - 25	400
8.	Lead as Pb	AAS Method	IS - 5182, Part - 22	1.0
9.	Nickel as Ni	AAS Method	IS - 5182, Part - 26	20
10.	Arsenic as As	AAS Method	CPCB Guideline V- I	6.0
11.	Benzene as C ₆ H ₆	GC Method	IS - 5182, Part - 11	5.0
12.	Benzo (a) Pyrene (BaP)	GC Method	IS - 5182, Part - 12	1.0

2.2.2 Ambient Noise Level Sampling Techniques

The techniques used for ambient air quality monitoring and its permissible limit are given in following table.

Sr. No.	Parameter	Technique	Technical protocol	Permissible Limit (As per CPCB)
1.	Ambient Noise Level Monitoring at Industrial Area	Noise Meter (Leq)	IS : 9989 : 1981	Day Time – 75 dB Night Time – 70 dB
2	Ambient Noise Level Monitoring at Residential Area	Noise Meter (Leq)	IS : 9989 : 1981	Day Time – 55 dB Night Time – 45 dB

2.2.3 Ground Water Sampling & Analysis Techniques

Sr. No.	Parameter	Technical protocol	IS 10500 Standard Limits for drinking water	
			Desirable limit	Per. Limit in the Abs. of Alt. Source
1	pH	IS 3025(Part 11):2022	6.5-8.5	NR
2	Temp	IS 3025(Part 9):1984	NS	NS
3	Turbidity	IS 3025(Part 10):1984	1	5
4	TDS	IS 3025(Part 14):1984	500	2000
5	Electrical Conductivity	IS 3025(Part 16):2024	NS	NS
6	COD	IS 3025(Part 58): 2006	NS	NS
7	BOD	IS 3025(Part 44): 1993	NS	NS
8	Phenol	IS 3025(Part 43): 2020	0.001	0.002
9	Chlorides	IS 3025(Part 32): 1988	250	1000
10	Sulphate	IS 3025(Part 24): 2022	200	400
11	Total Hardness	IS 3025(Part 21): 2009	200	600
12	Ca ⁺⁺ Hardness	APHA 23rd Ed,2017,3500 Ca. B	NS	NS
13	Mg ⁺⁺ Hardness	APHA 23rd Ed,2017,3500 Mg. B	NS	NS
14	Total Alkalinity	IS 3025(Part 23): 1986	200	600
15	Nitrate	APHA 23rd Ed,2017,4500 NO ₃ -B	45	NR
16	Fluoride	IS 3025(Part 60): 2008	1	1.5
17	Sodium	APHA 23rd Ed,2017,3500 Na. B	NS	NS
18	Potassium	APHA 23rd Ed,2017,3500 Mg. B	NS	NS
19	Calcium	APHA 23rd Ed,2017,3500 Ca. B	75	200
20	Magnesium	APHA 23rd Ed,2017,3500 Mg. B	30	100
21	Salinity	APHA 23rd Ed,2017,2520-B, 2-60	NS	NS
22	Total Nitrogen	APHA 23rd Ed,2017,4500 NH ₃ - B	0.5	NR

Sr. No.	Parameter	Technical protocol	IS 10500 Standard Limits for drinking water	
			Desirable limit	Per. Limit in the Abs. of Alt. Source
23	Total Phosphorous	APHA 23rd Ed,2017,4500-P, D	NS	NS
24	Dissolved Oxygen	APHA 23rd Ed,2017,4500-O, B	NS	NS
25	Ammonical Nitrogen	IS 3025(Part 34) (ISE Method):1988	NS	NS
26	SAR	By Calculation	NS	NS
	Heavy Metals			
27	Arsenic (as As)	APHA 23rd Ed,2017,3114-C	0.01	0.05
28	Cadmium (as Cd)	IS 3025(Part 41): 1992	0.003	NR
29	Chromium (as Cr)	APHA 23rd Ed,2017,3111-B	0.05	NR
30	Copper (as Cu)	APHA 23rd Ed,2017,3111-B	0.05	1.5
31	Cyanide (as CN)	IS 3025(Part 27): 1986	0.05	NR
32	Iron (as Fe)	IS 3025(Part 53): 2003	0.3	NR
33	Lead (as Pb)	IS 3025(Part 47): 1994	0.01	NR
34	Mercury (as Hg)	APHA 23rd Ed,2017,3112-B	0.001	NR
35	Manganese (as Mn)	APHA 23rd Ed,2017,3500 Mn. B	0.1	0.3
36	Nickel (as Ni)	IS 3025(Part 54): 1994	0.02	NR
37	Zinc (as Zn)	IS 3025(Part 49): 1994	5	15
38	Total Coliform	IS 1622:1981	Shall not be detectable	
39	Faecal Coliforms	IS 1622:1981	Shall not be detectable	

2.2.4 Surface Water Sampling & Analysis Techniques

Sr. No.	Parameter	Technical protocol	Classification for Inland Surface Water (CPCB)
			Class E
1	pH	IS 3025(Part 11):2022	6.5 to 8.5
2	Dissolved Oxygen	APHA 23rd Ed,2017,4500-O, B	NA
3	TDS	IS 3025(Part 14):1984	2100
4	Electrical Conductivity	IS 3025(Part 16):2024	2250
5	BOD	IS 3025(Part 44): 1993	NA
6	Colour	IS 3025(Part 4):2021	-
7	Total Hardness	IS 3025(Part 21): 2009	NA
8	Ca++ Hardness	APHA 23rd Ed,2017,3500 Ca. B	NA
9	Mg++ Hardness	APHA 23rd Ed,2017,3500 Mg. B	NA
10	Chlorides	IS 3025(Part 32): 1988	600
11	Sulphate	IS 3025(Part 24): 2022	1000
12	Nitrate	APHA 23rd Ed,2017,4500 NO3-B	NA
13	Fluoride	IS 3025(Part 60): 2008	-
14	Phenol	IS 3025(Part 43): 2020	NA
15	Ammonical Nitrogen	IS 3025(Part 34) (ISE Method):1988	NA
16	SAR	By Calculation	26
17	Copper (as Cu)	APHA 23rd Ed,2017,3111-B	NA
18	Iron (as Fe)	IS 3025(Part 53): 2003	NA
19	Manganese (as Mn)	APHA 23rd Ed,2017,3500 Mn. B	NA
20	Mercury	APHA 23rd Ed,2017,3112-B	NA
21	Cadmium (as Cd)	IS 3025(Part 41): 1992	NA
22	Arsenic (as As)	APHA 23rd Ed,2017,3114-C	NA
23	Cyanide	IS 3025(Part 27): 1986	NA

Sr. No.	Parameter	Technical protocol	Classification for Inland Surface Water (CPCB)
			Class E
24	Lead (as Pb)	IS 3025(Part 47): 1994	NA
25	Zinc	IS 3025(Part 49): 1994	NA
26	Chromium (as Cr)	APHA 23rd Ed,2017,3111-B	NA
27	Boron	IS 3025(Part 49): 1994	2
28	Total Coliform	IS 1622:1981	-
29	COD	IS 3025(Part 57): RA 2021	-

2.2.5 Surface Water (Marine) Sampling & Analysis Techniques

Sr. No.	Parameter	Technical protocol	Classification for Coastal marine water (CPCB)
			SW-I
1	pH	IS 3025(Part 11):2022	6.5 to 8.5
2	Dissolved Oxygen	APHA 23rd Ed,2017,4500-O, B	5
3	Colour & Odour	IS 3025(Part 4):2021 & IS 3025(Part 5):1983	No Colour No Odour
4	Floating Matters	-	None
5	Total Suspended Solid	APHA 23rd Ed,2017,2540-D	None from Sewage or Industrial waste Origin
6	Turbidity	IS 3025(Part 10):1984	-
7	BOD	IS 3025(Part 44): 1993	-
8	Oil & Grease	IS 3025(Part 39): 1991	0.1
9	Mercury as Hg	APHA 23rd Ed,2017,3112-B	0.01
10	Lead (as Pb)	IS 3025(Part 47): 1994	0.01
11	Cadmium (as Cd)	IS 3025(Part 41): 1992	0.01
12	Iron (as Fe)	IS 3025(Part 53): 2003	-
13	Manganese (as Mn)	APHA 23rd Ed,2017,3500 Mn. B	-
14	Total Coliform	IS 1622:1981	-
15	Sludge Deposits, Solid refuse floating Solids, Oil Grease and Scum	-	-
16	COD	IS 3025(Part 57): RA 2021	-

2.2.6 Treated Water Sampling & Analysis Techniques

The techniques used for waste water Sampling and analysis its permissible limit is given in following table.

Sr. No.	Parameter	Technical protocol	Permissible Limit (As per MOEFCC notification no. GSR 1265(E) dt. 13 Oct. 2017)
1.	Treated Effluent from STP		
	pH	IS 3025(Part 11):2022	6.5 to 9.0
	BOD	APHA 23 rd Ed,2017,5210-B	<30
	COD	IS 3025(Part 58): 2006	-
	TSS	APHA 23rd Ed.,2017, 2540 – D	<50
	Nitrogen Total	APHA 23rd Ed,2017,4500-B, C	--
	Phosphorous Total	APHA 23rd Ed,2017,4500-P, D	--
	Faecal Coliform	IS 1622:1981	<1000

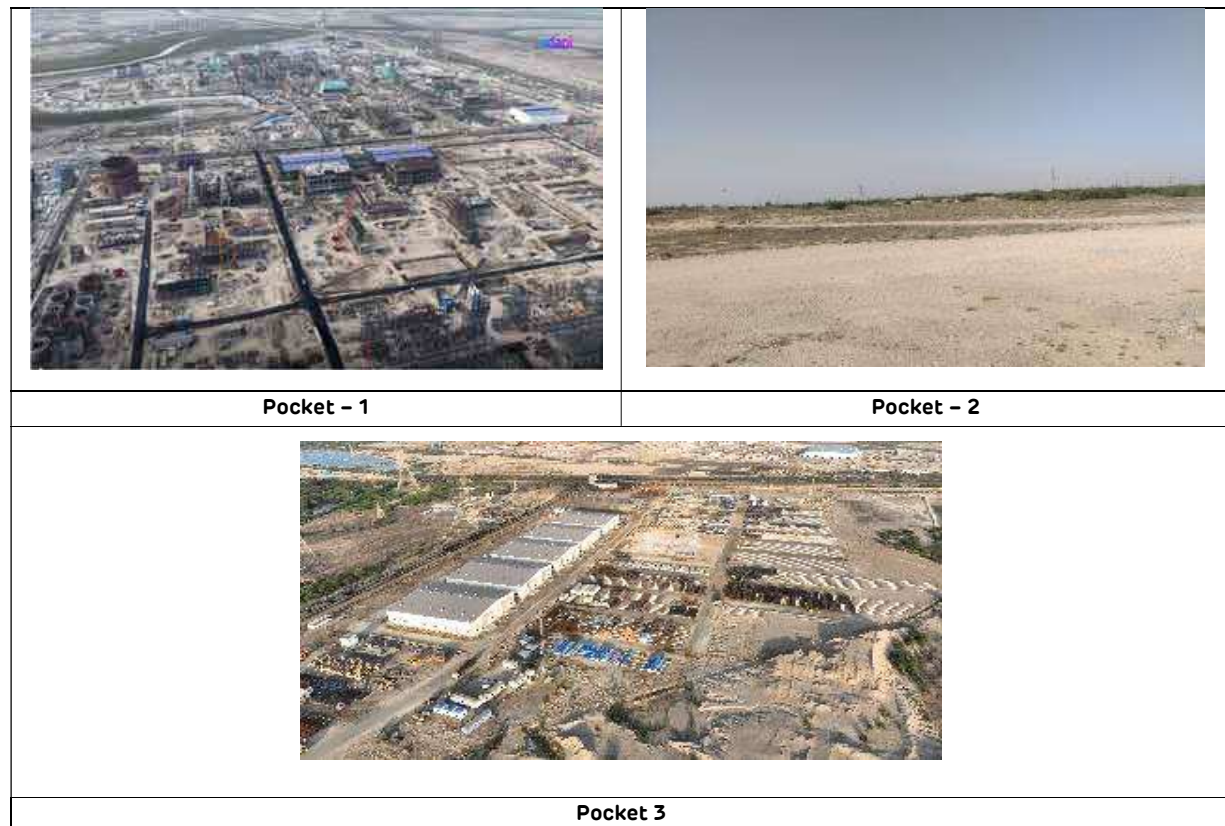
2.3 Location (map showing general location, Monitoring location and project boundary) with coordinates & Monitoring details.

The general location of the project is shown in *Map 2-1* shows the study area of 10 Km radius around the project site on Google Earth downloaded image.

The sampling location used for monitoring purpose is taken after due consideration with baseline monitoring location, availability of power & weather condition etc. Also In order to evaluate the quality of sewage water, samples were acquired from the sewage water treatment plant for comprehensive analysis. These analyses encompassed physico-chemical, general-chemical, and microbiological parameters.

Sr. No.	Sampling Type	Sampling Location	Type of Area	Coordinates
1.	Ambient Air & Noise	Project Site (Pocket – 1)	Industrial Area	22.785943° N, 69.566645° E
2.	Ambient Air & Noise	Project Site (Pocket – 2)	Industrial Area	22.78221° N, 69.559541° E
3.	Ambient Air & Noise	Project Site (Pocket – 3)	Industrial Area	22.802171° N, 69.552084° E
4.	Ambient Air & Noise	Near Fabrication & Batching Plant	Industrial Area	22.807563° N, 69.704170° E
5.	Ambient Air & Noise	Village - Navinal	Rural Area	22.829246° N, 69.598332° E
6.	Ambient Air & Noise	Village - Zarpara	Rural Area	22.837942° N, 69.646225° E
7.	Ambient Air & Noise	Village - Vandh	Rural Area	22.809106° N, 69.53562° E
8.	Trade Effluent – STP Outlet	Project Site (Pocket – 1)	Industrial Area	22.784881° N, 69.566798° E

Photograph 2-1: Proposed Project Site (Current Status of Land)



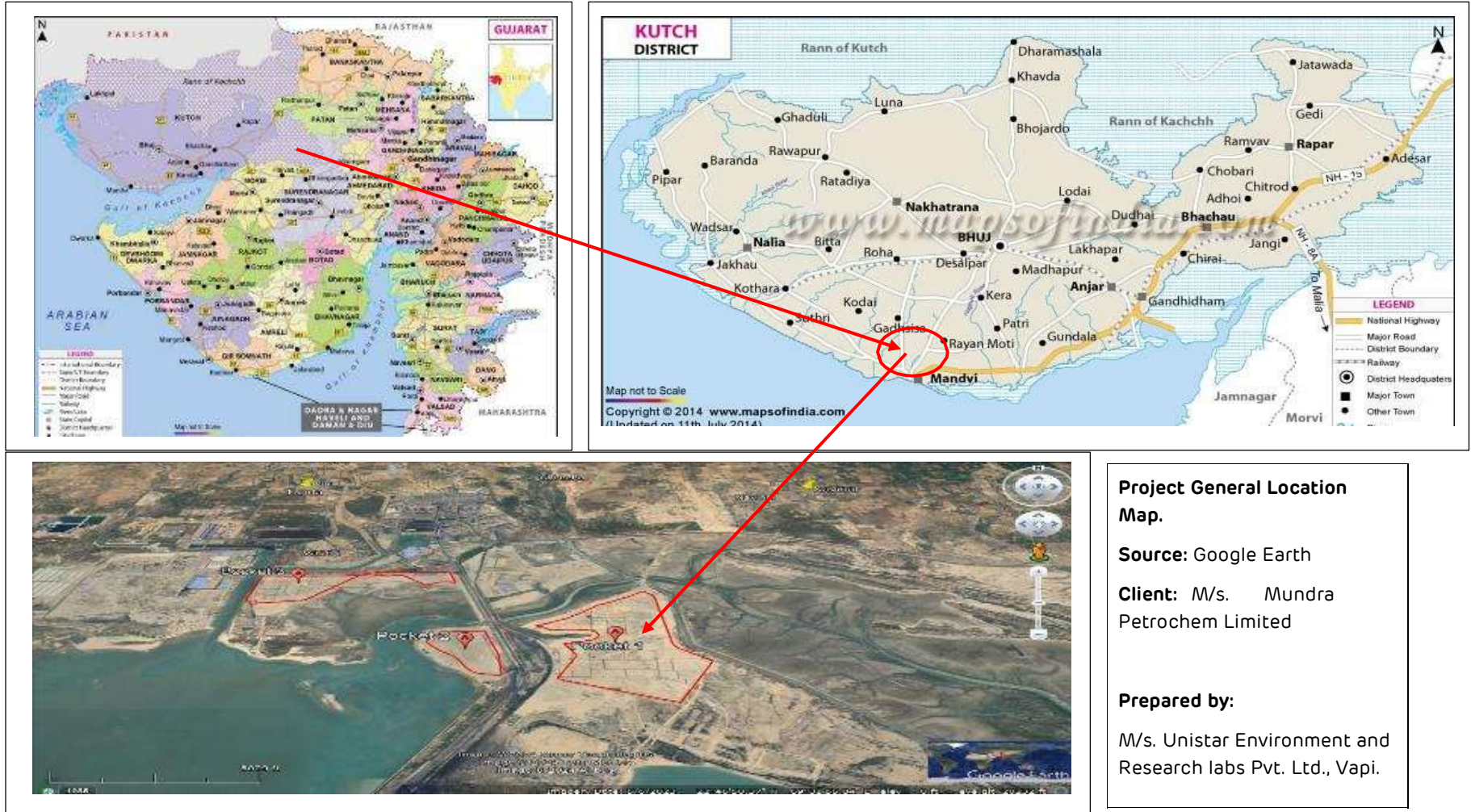
Photograph 2-2: Photographs of monitoring

<p>Tuesday, October 28, 2026, 15:33:24 Shirachi, Gujarat, India 22° 47' 1" N, 69° 34' 1" E - 32m 24.7°C 31.7Km/h 88%</p>	<p>Beraja, Gujarat, India Beraja, Gujarat 2/0205, India, Beraja, Gujarat 2/0205, India 22° 32' 13" N, 69° 55' 22" E - 30m 22/02/2025 01:21 PM GMT+05:30</p>
<p>Project Site (Pocket - 1)</p>	<p>Project Site (Pocket - 2)</p>
<p>Thursday, January 22, 2026, 10:02:06 Jay Shikharan Dada Temple Road, India 22° 46' 8" N, 69° 33' 0" E - 33m 22.0°C 3.6Km/h 45%</p>	<p>Friday, February 20, 2026, 15:47:52 Shirachi, NH 8A, Gujarat, India, 370405 22° 48' 1" N, 69° 33' 32" E - 34m 27.9°C 10.1Km/h 35%</p>
<p>Project Site (Pocket - 3)</p>	<p>Near Fabrication & Batching Plant</p>
<p>Navinal, Gujarat, India GZ 9H 6, Navinal, Gujarat 2/0405, India Lat 22.837244° Long 69.578833° 05/12/2025 near 10:08 AM</p>	<p>Vandh, Gujarat, India Rajendra, Vandh, Gujarat 2/0405, India Lat 22.841188° Long 69.543158° 20/02/2025 01:41 PM GMT+05:30</p>
<p>Village Navinal</p>	<p>Village Vandh</p>

<p>Thursday, October 09, 2025, 16:38:45 Zarpara, Gujarat, India, 379495 22° 50' 16" N, 69° 38' 46" E - 33m 30.3°C ~ 11.2Km/h ~ 40%</p>	<p>Wednesday, March 23, 2026, 14:16:18 22° 47' 3" N, 69° 34' 0" E - 32m</p>
<p>Village-Zarpara</p>	<p>Project Site (Pocket - 1) - STP</p>
<p>Friday, February 20, 2026, 15:31:33 Sitracha, Gujarat, India 22° 47' 0" N, 69° 34' 3" E - 31m 27.9°C ~ 10.1Km/h ~ 35%</p>	<p>Thursday, March 26, 2026, 09:30:46 Jay Shekhar Dada Temple Road, India 22° 46' 0" N, 69° 33' 6" E - 45m</p>
<p>Project Site (Pocket - 1)</p>	<p>Project Site (Pocket - 3)</p>
<p>Saturday, November 22, 2025, 10:42:09 Kandogara Moti, Gujarat, India 22° 46' 3" N, 69° 32' 12" E - 33m 26.4°C ~ 11.2Km/h ~ 50%</p>	<p>Saturday, November 22, 2025, 10:27:58 Jay Shekhar Dada Temple Road, India 22° 47' 27" N, 69° 33' 43" E - 39m 26.4°C ~ 13.3Km/h ~ 30%</p>
<p>Marine Water - APL Intake</p>	<p>Marine Water - Kotadi Creek</p>

<p>Thursday, November 20, 2025, 14:19:18 Zarpara, Gujarat, India, 370405 22° 49' 24" N, 69° 38' 57" E -45m 28.1°C → 10.8Kw/h → 27%</p>	<p>Moti Khakhar, Gujarat, India Near, Road, Siracha, Moti Khakhar, Gujarat 370438, India Lat 22.649541° Long 69.972065° Thursday, 20/11/2025 02:38 PM CMT -05:30</p>
<p>Surface Water- Zarpara Village</p>	<p>Surface Water - Siracha Village</p>
<p>Saturday, November 22, 2025, 11:03:09 Mundra, Adani Power Road, Gujarat, India, 370405 22° 49' 17" N, 69° 38' 24" E -44m 27.4°C → 13.0Kw/h → 29%</p>	<p>Moti Khakhar, Gujarat, India Village, Moti Khakhar, Gujarat 370438, India Lat 22.681640° Long 69.951066° Wednesday, 19/11/2025 11:24 AM CMT -05:30</p>
<p>Surface Water - Nagmati River</p>	<p>Ground Water - Moti Khakhar</p>
<p>Wednesday, November 19, 2025, 12:26:52 Navinal, Gujarat, India, 370405 22° 49' 51" N, 69° 35' 58" E -56m</p>	<p>Thursday, November 20, 2025, 15:20:38 Kachhli, Gujarat, India, 370439 22° 49' 50" N, 69° 32' 11" E -24m</p>
<p>Ground Water - Navinal</p>	<p>Ground Water - Deshalpar</p>

Map 2-1: Images Project General Location Map



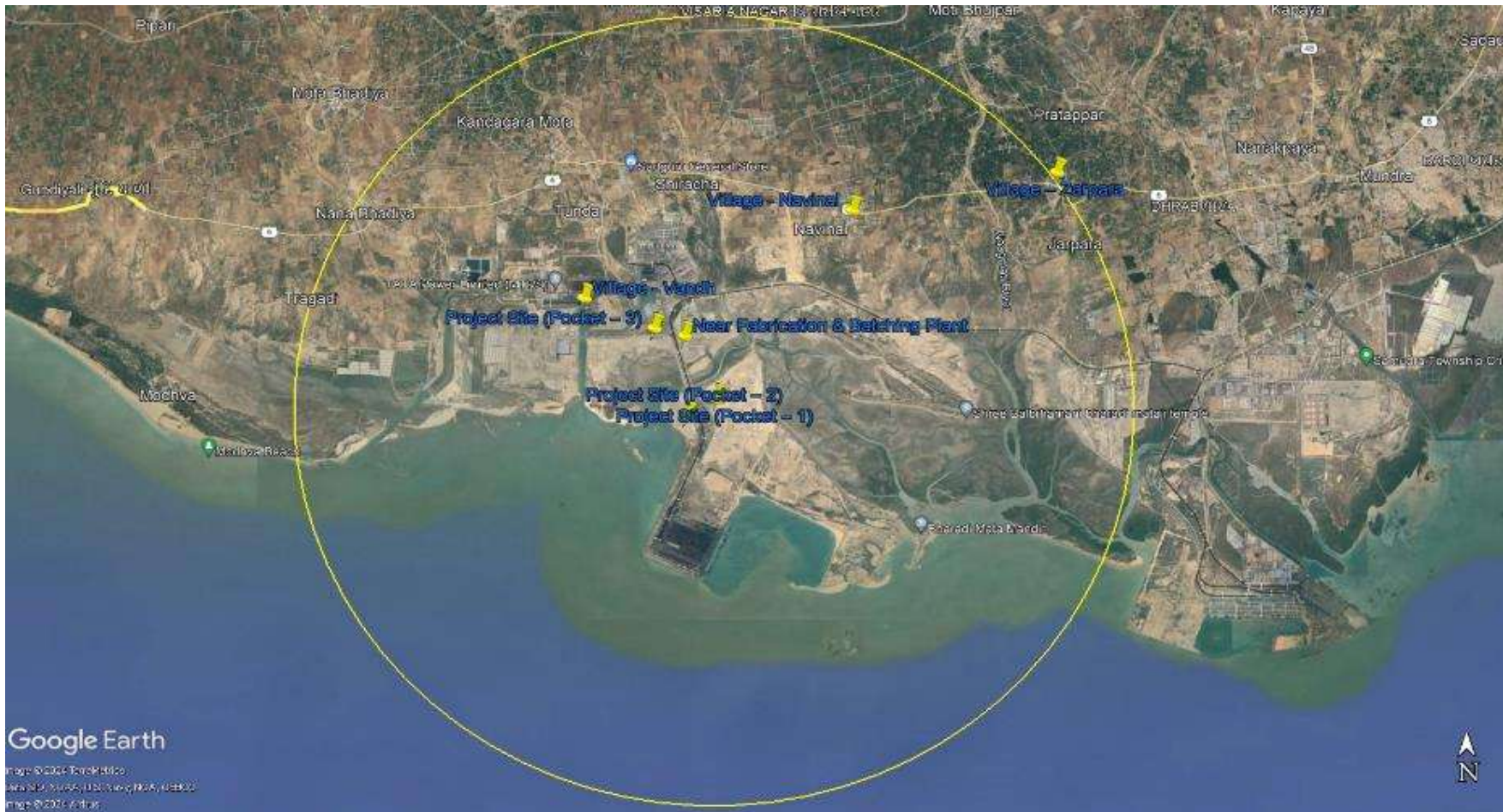
Project General Location Map.

Source: Google Earth

Client: M/s. Mundra Petrochem Limited

Prepared by:
M/s. Unistar Environment and Research labs Pvt. Ltd., Vapi.

Map 2-1: Project site and Study Area of 10 Km radius on Google Earth Downloaded



3 CLIMATIC CONDITON

3.1 Climatic data from secondary sources

For the Green PVC project secondary data for weather conditions in the region is available for the period of October 2024 to March 2025. This table gives useful information about a region's weather condition. Meteorological data was analysed/reviewed for important parameters like Temperature, Humidity, BP, Wind speed, Wind direction, Solar radiation and Rainfall.

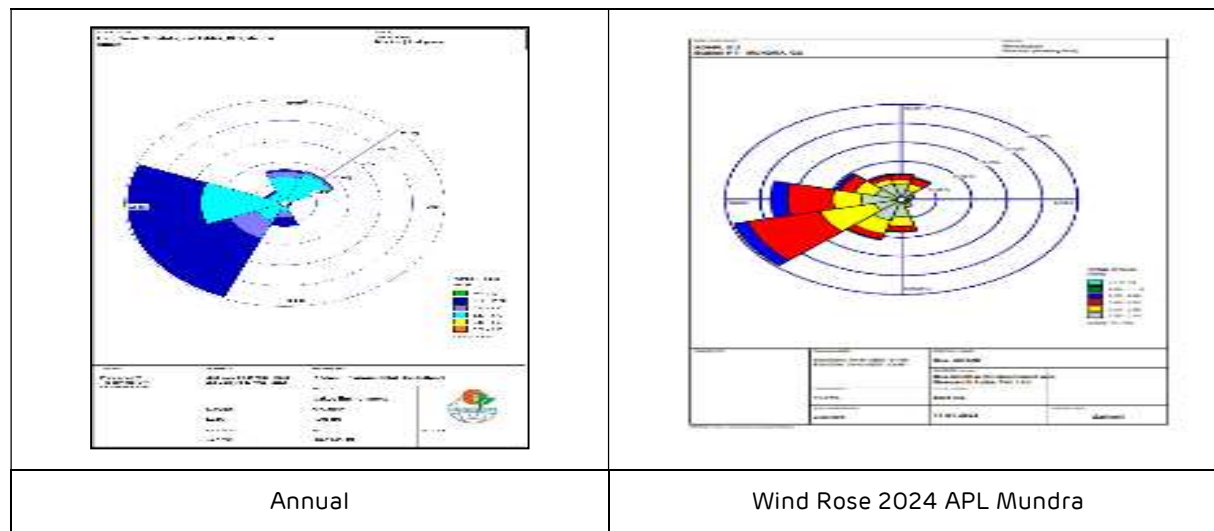
Average meteorological condition recorded at metrological station is as given in below table.

Table 3-1: Average meteorological condition

Weather Monitoring Data							
Month	Scale	Temp. (°C)	RH (%)	BP (mmHg)	Wind Direction	Wind speed (Km/ Hr.)	Total Rainfall (mm)
Oct 2025 to Mar 2026	Max.	44.0	99.7	767.4	360.0	37.0	28
	Min.	11.4	15.0	747.7	0.0	0.0	
	Average/ Total	26.8	60.0	760.4	146.2	6.2	

Based on wind patterns data, monthly wind-rose diagrams are presented in below Figure along with historical windrose of area.

Figure 3-1: Season wise wind-rose diagrams.



<p>Wind Rose Oct-25</p>	<p>Wind Rose Nov-25</p>	<p>Wind Rose Dec-25</p>
<p>Wind Rose Jan-26</p>	<p>Wind Rose Feb-26</p>	<p>Wind Rose March-26</p>

4 ANALYSIS & INTERPRETATION

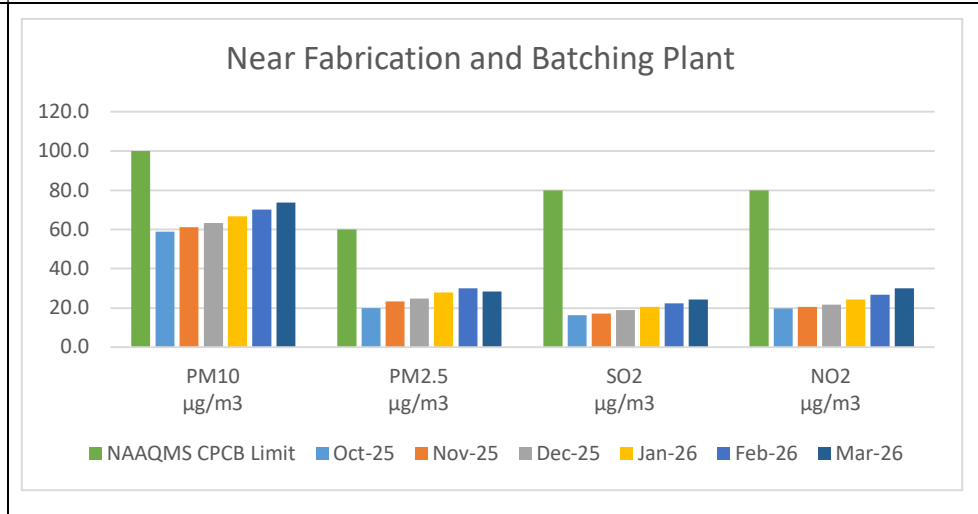
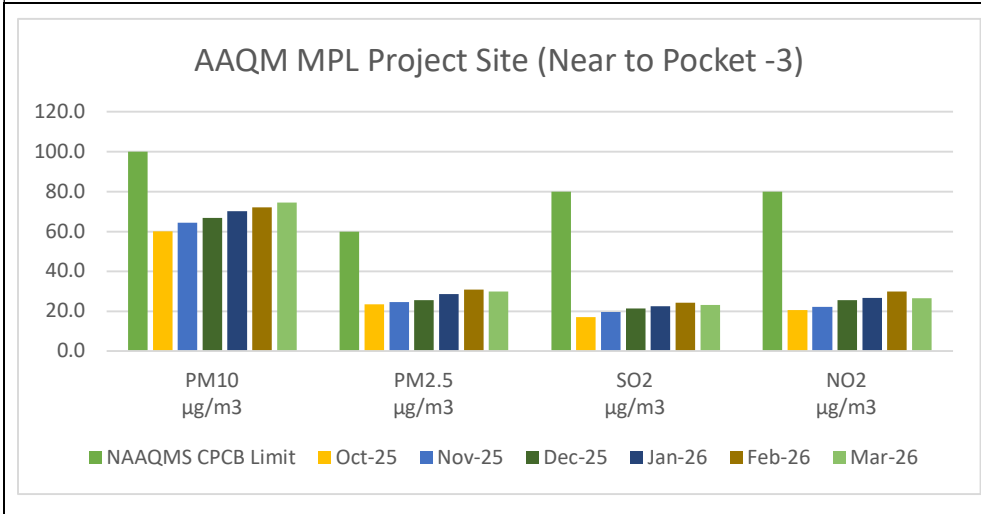
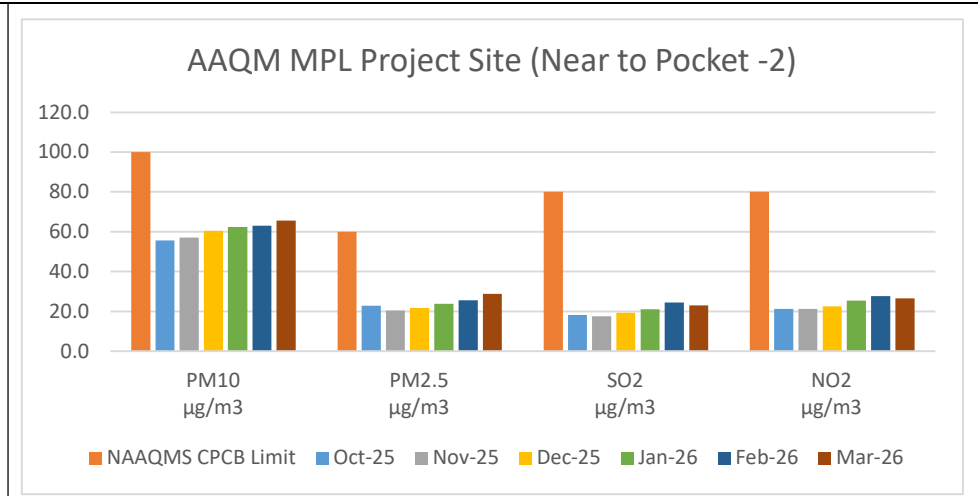
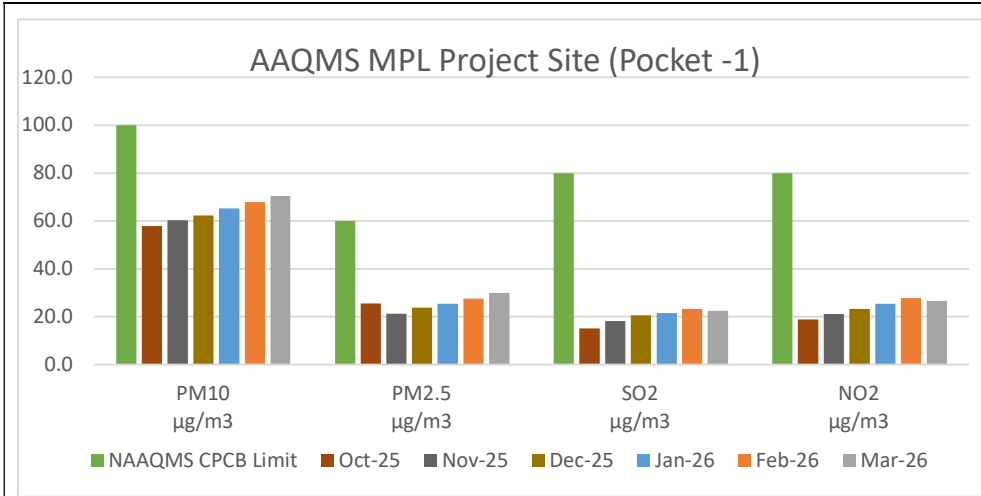
4.1 Ambient Air

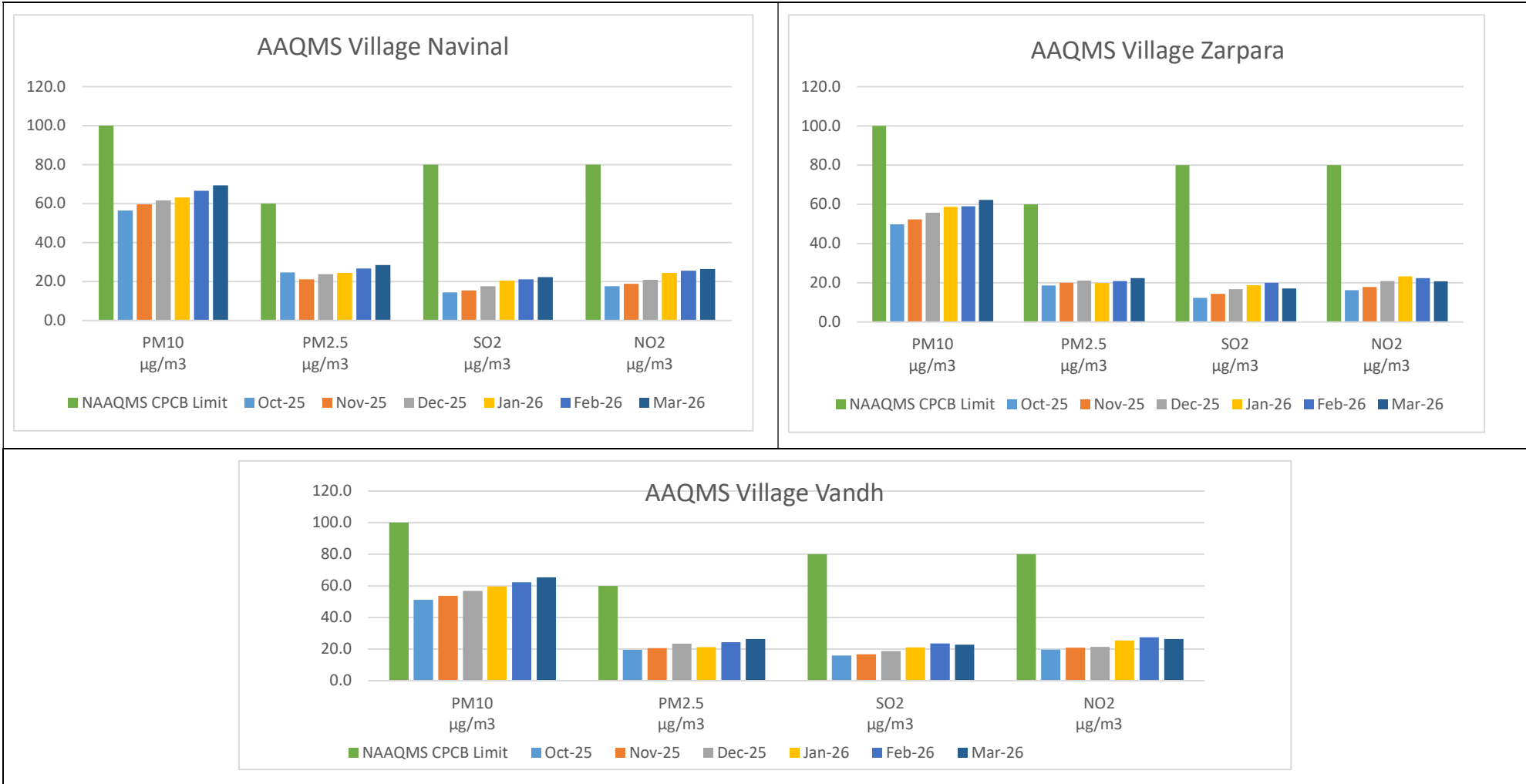
Sr. No.	Month	Parameter with Results											
		PM10	PM2.5	SO2	NO2	CO	O3	NH3	Pb	Ni	As	Benzen e	Benzo (a) Pyrene
		µg/m ³	µg/m ³	µg/m ³	µg/m ³	mg/m ³	µg/m ³	µg/m ³	µg/m ³	ng/m ³	ng/m ³	µg/m ³	ng/m ³
		Permissible Limit As per NAAQS – 2009 Notification.											
		100	60	80	80	4	180	400	1	20	6	1	5
Location : Project Site (Near to Pocket -1)													
1	Oct-25	57.8	25.6	15.1	18.9	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
2	Nov-25	60.4	21.3	18.2	21.1	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
3	Dec-25	62.3	23.8	20.6	23.3	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
4	Jan-26	65.3	25.4	21.5	25.4	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
5	Feb-26	67.9	27.6	23.3	27.8	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
6	Mar-26	70.4	29.9	22.5	26.5	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
Report Ref. No. - URA/25/10/A-071 dt. 28/10/2025, URA/25/11/A-047 dt. 15/11/2025, URA/25/12/A-053 dt. 20/12/2025 URA/26/01/A-042 dt. 20/01/2026, URA/26/02/A-048 dt. 20/02/2026, URA/26/03/A-071 dt. 25/03/2026													
Location: Project Site (Near to Pocket -2)													
1	Oct-25	55.8	22.9	18.2	21.3	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
2	Nov-25	57.1	20.5	17.7	21.3	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
3	Dec-25	60.4	21.7	19.4	22.5	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
4	Jan-26	62.4	23.8	21.1	25.5	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
5	Feb-26	63.1	25.6	24.4	27.6	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
6	Mar-26	65.7	28.8	23.1	26.6	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
Report Ref. No. - URA/25/10/A-088 dt. 31/10/2025, URA/25/11/A-066 dt. 21/11/2025, URA/25/12/A-071 dt. 26/12/2025 URA/26/01/A-068 dt. 28/01/2026, URA/26/02/A-076 dt. 27/02/2026, URA/26/03/A-077 dt. 27/03/2026													
Location: Project Site (Near to Pocket -3)													
1	Oct-25	60.1	23.4	17.1	20.5	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
2	Nov-25	64.3	24.7	19.6	22.3	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
3	Dec-25	66.8	25.5	21.3	25.5	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
4	Jan-26	70.2	28.5	22.5	26.7	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
5	Feb-26	72.2	30.8	24.4	29.9	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
6	Mar-26	74.6	29.9	23.1	26.5	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
Report Ref. No. - URA/25/10/A-078 dt. 29/10/2025, URA/25/11/A-052 dt. 17/11/2025, URA/25/12/A-056 dt. 22/12/2025 URA/26/01/A-046 dt. 22/01/2026, URA/26/02/A-054 dt. 21/02/2026, URA/26/03/A-075 dt. 26/03/2026													

Location: Near Fabrication and Batching Plant													
1	Oct-25	58.9	19.9	16.3	19.6	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
2	Nov-25	61.2	23.3	17.1	20.5	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
3	Dec-25	63.2	24.7	18.8	21.7	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
4	Jan-26	66.8	27.9	20.6	24.3	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
5	Feb-26	70.1	29.9	22.2	26.7	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
6	Mar-26	73.6	28.4	24.3	29.9	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
Report Ref. No. - URA/25/10/A-079 dt. 29/10/2025, URA/25/11/A-048 dt. 15/11/2025, URA/25/12/A-057 dt. 22/12/2025 URA/26/01/A-045 dt. 22/01/2026, URA/26/02/A-049 dt. 20/02/2026, URA/26/03/A-072 dt. 25/03/2026													
Location : Village Navinal													
1	Oct-25	56.4	24.7	14.5	17.7	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
2	Nov-25	59.7	21.1	15.4	18.9	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
3	Dec-25	61.7	23.8	17.6	20.9	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
4	Jan-26	63.1	24.5	20.5	24.4	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
5	Feb-26	66.5	26.7	21.1	25.6	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
6	Mar-26	69.4	28.5	22.3	26.5	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
Report Ref. No. - URA/25/10/A-080 dt. 30/10/2025, URA/25/11/A-065 dt. 21/11/2025, URA/25/12/A-067 dt. 25/12/2025 URA/26/01/A-062 dt. 27/01/2026, URA/26/02/A-055 dt. 23/02/2026, URA/26/03/A-067 dt. 24/03/2026													
Location : Village Zarpara													
1	Oct-25	49.9	18.6	12.3	16.2	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
2	Nov-25	52.3	19.9	14.3	17.8	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
3	Dec-25	55.7	21.1	16.8	20.9	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
4	Jan-26	58.7	19.8	18.8	23.3	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
5	Feb-26	59.0	20.9	19.9	22.4	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
6	Mar-26	62.3	22.4	17.1	20.8	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
Report Ref. No. - URA/25/10/A-015 dt. 09/10/2025, URA/25/11/A-036 dt. 20/11/2025, URA/25/12/A-066 dt. 25/12/2025 URA/26/01/A-048 dt. 22/01/2026, URA/26/02/A-071 dt. 26/02/2026, URA/26/03/A-076 dt. 26/03/2026													
Location : Village Vandh													
1	Oct-25	51.1	19.5	15.9	19.8	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
2	Nov-25	53.8	20.6	16.7	20.9	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
3	Dec-25	56.8	23.4	18.8	21.4	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
4	Jan-26	59.6	21.2	21.1	25.5	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
5	Feb-26	62.3	24.5	23.5	27.5	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
6	Mar-26	65.3	26.4	22.8	26.4	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
Report Ref. No. - URA/25/10/A-084 dt. 31/10/2025, URA/25/11/A-036 dt. 12/11/2025, URA/25/12/A-068 dt. 25/12/2025 URA/26/01/A-047 dt. 22/01/2026, URA/26/02/A-063 dt. 24/02/2026, URA/26/03/A-073 dt. 25/03/2026													

Observations

- The concentration of PM₁₀ ranged from 49.9 µg/m³ (Village Zarpara) to 74.6 µg/m³ (Project Site – Pocket 3), with an average of approximately 62.2 µg/m³.
- The concentration of PM_{2.5} ranged from 18.6 µg/m³ (Village Zarpara) to 30.8 µg/m³ (Project Site – Pocket 3), with an average of approximately 24.3 µg/m³.
- The concentration of SO₂ ranged from 12.3 µg/m³ (Village Zarpara) to 24.4 µg/m³ (Project Site locations), with an average of approximately 19.6 µg/m³.
- The concentration of NO₂ ranged from 16.2 µg/m³ (Village Zarpara) to 29.9 µg/m³ (observed at Project Site locations Pocket-3 and Near the Fabrication & Batching Plant), with an average of approximately 23.3 µg/m³.
- The concentrations of CO (<0.01 mg/m³), NH₃ (<5.0 µg/m³), and O₃ (<5.0 µg/m³) were below detectable limits at all monitored locations.
- The concentrations of heavy metals including Pb (<0.5 µg/m³), Ni (<1.0 ng/m³), and As (<1.0 ng/m³) were below detectable limits at all locations.
- The concentrations of Benzene (<1.0 µg/m³) and Benzo(a)Pyrene (<0.1 ng/m³) were also below detectable limits.
- All monitored ambient air quality parameters were found to be well within the permissible limits specified under the National Ambient Air Quality Standards (NAAQS), as notified by MoEF&CC.





4.2 Ambient Noise

The ambient noise levels measured and analysed for equivalent noise levels viz. Leq (24hrly), Leq day, Leq night at all the noise monitoring locations.

Ambient Noise Level in Leq															
Sr. No	Location	Day Time Noise Level in Leq							Night Time Noise Level in Leq						
		CPCB Limits	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26	PCB Limit	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26
1	PS (Pkt – 1)	75	58.6	57.3	57.4	58.4	59.2	57.8	70	47.3	47	48.5	47.1	48.2	48
2	PS (Pkt – 2)	75	56.5	56.8	58.4	57.6	59.3	58	70	48.9	48.4	47.5	47.2	46.6	46
3	PS (Pkt – 3)	75	57	57	54.8	55.2	55.1	53.3	70	49.2	49.7	47	46.5	45	45.8
4	Nr. Fab. & Batch. Plant	75	58.7	57.5	57.1	58.7	60.2	59.5	70	50.2	46.6	46.4	46.6	47	47.2
5	Vill - Navinal	55	49.4	48.9	50.1	49.1	50.1	51.1	45	39.6	38.5	39.7	38.3	37.8	38.9
6	Vill - Zarpara	55	52	50.8	52.5	51.1	51.5	52.7	45	41	41.3	41	40.4	42.1	40.8
7	Vill - Vandh	55	48.4	47.6	47	46.1	45.7	43.9	45	41.2	39.2	40.8	39.4	37.7	35.9

Report Ref. No.-

URA/25/10/AN-037 dt. 04/11/2025 , URA/25/10/AN-051 dt. 04/11/2025, URA/25/10/AN-044 dt. 04/11/2025, URA/25/10/AN-045 dt. 04/11/2025, URA/25/10/AN-046 dt. 04/11/2025. URA/25/10/AN-011 dt. 04/11/2025, URA/25/10/AN-050 dt. 04/11/2025

URA/25/11/AN-033 dt. 01/12/2025, URA/25/11/AN-045 dt. 01/12/2025, URA/25/11/AN-036 dt. 01/12/2025, URA/25/11/AN-034 dt. 01/12/2025, URA/25/11/AN-044 dt. 01/12/2025, URA/25/11/AN-043 dt. 01/12/2025, URA/25/11/AN-024 dt. 01/12/2025

URA/25/12/AN-025 dt. 03/01/2026, URA/25/12/AN-040 dt. 03/01/2026, URA/25/12/AN-028 dt. 03/01/2026, URA/25/12/AN-029 dt. 03/01/2026, URA/25/12/AN-037 dt. 03/01/2026, URA/25/12/AN-036 dt. 03/01/2026, URA/25/12/AN-038 dt. 03/01/2026

URA/26/01/AN-020 dt. 04/02/2026, URA/26/01/AN-037 dt. 04/02/2026, URA/26/01/AN-023 dt. 04/02/2026, URA/26/01/AN-022 dt. 04/02/2026, URA/26/01/AN-032 dt. 04/02/2026, URA/26/01/AN-025 dt. 04/02/2026, URA/26/01/AN-024 dt. 04/02/2026

URA/26/02/AN-024 dt. 03/03/2026, URA/26/02/AN-043 dt. 03/03/2026, URA/26/02/AN-027 dt. 03/03/2026, URA/26/02/AN-025 dt. 03/03/2026, URA/26/02/AN-028 dt. 03/03/2026, URA/26/02/AN-039 dt. 03/03/2026, URA/26/02/AN-035 dt. 03/03/2026

URA/26/03/AN-035 dt. 03/04/2026, URA/26/03/AN-040 dt. 03/04/2026, URA/26/03/AN-038 dt. 03/04/2026, URA/26/03/AN-036 dt. 03/04/2026, URA/26/03/AN-034 dt. 03/04/2026, URA/26/03/AN-039 dt. 03/04/2026, URA/26/03/AN-037 dt. 03/04/2026,

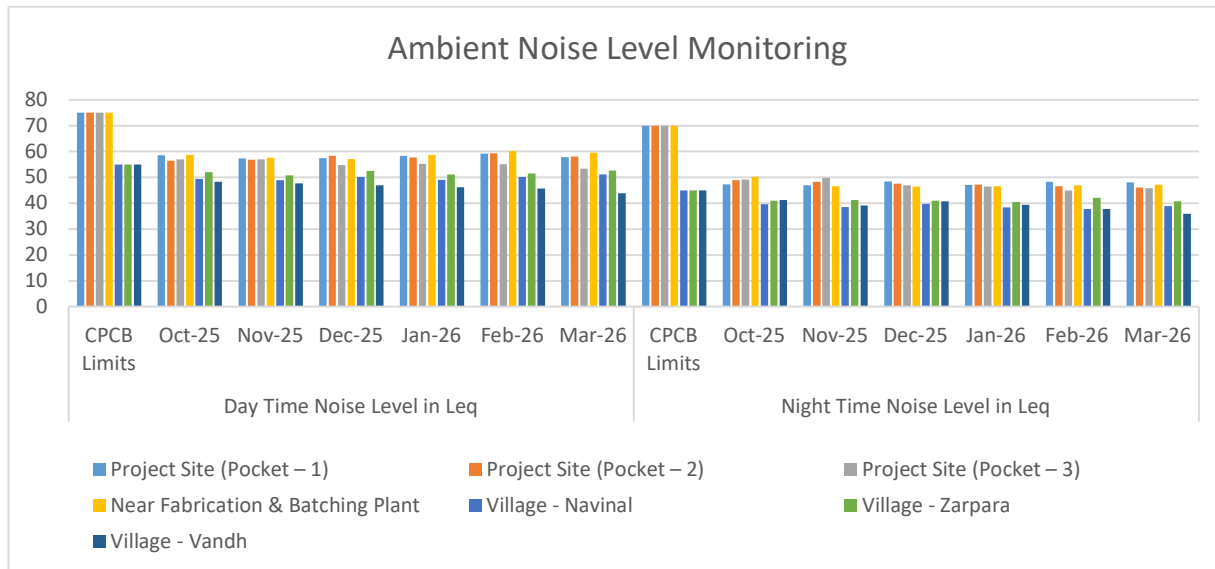
Observations

Industrial Zone

Industrial Zone The average Leq (equivalent continuous sound level) during daytime in the industrial zone ranged from 53.3 dB(A) at Project Site (Pocket-3) to 60.2 dB(A) near the Fabrication & Batching Plant. During nighttime, the Leq ranged from 45.0 dB(A) at Project Site (Pocket-3) to 50.2 dB(A) near the Fabrication & Batching Plant. All monitored noise levels were found to be well within the CPCB prescribed limits of 75 dB(A) for daytime and 70 dB(A) for nighttime in the industrial zone.

Residential Zone

The average daytime Leq in the residential zone ranged from 43.9 dB(A) in Village Vandh to 52.7 dB(A) in Village Zarpara. During nighttime, the Leq ranged from 35.9 dB(A) in Village Vandh to 42.1 dB(A) in Village Zarpara. All monitored ambient noise levels in the residential areas were within the CPCB prescribed limits of 55 dB(A) for daytime and 45 dB(A) for nighttime.



4.3 Water Quality

4.3.1 Ground Water Quality

Ground water was collected as grab samples from seven location sent to laboratory for analysis for various parameters. The water quality findings from the ground water samples are outlined in the following table:

Sr. No.	Parameter	Unit	IS 10500 Standard Limits for drinking water		GW 01 Nani Khakhar	GW 02 Moti Khakhar	GW 03 Mota Kandagra	GW 04 Siracha	GW 05 Navinal	GW 06 Tunda	GW 07- Nana Bhadiya	GW 08 Deshalpar
			Desirable limit	Per. Limit in abs. of Alt. So	Nov-25	Nov-25	Nov-25	Nov-25	Nov-25	Nov-25	Nov-25	Nov-25
1	pH	pH scale	6.5-8.5	NR	8.1	8.06	8.27	7.17	7.66	8.14	7.9	7.73
2	Temp	o C	NS	NS	28	28	28	28	28	28	28	28
3	Turbidity	NTU	1	5	BDL(MDL:0.001)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)
4	TDS	mg/l	500	2000	710	1756	1650	740	1556	1830	1230	1960
5	Electrical Conductivity	µmhos/cm	NS	NS	1180	2650	2480	1120	2600	2940	1870	3340
6	COD	mg/l	NS	NS	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL2.0)	BDL(MDL2.0)	BDL(MDL2.0)	BDL(MDL:2.0)	BDL(MDL2.0)	BDL(MDL:2.0)
7	BOD	mg/l	NS	NS	BDL(MDL1.0)	BDL(MDL1.0)	BDL(MDL1.0)	BDL(MDL1.0)	BDL(MDL1.0)	BDL(MDL1.0)	BDL(MDL1.0)	BDL(MDL1.0)
8	Phenol	mg/l	0.001	0.002	BDL (MDL:0.001)	BDL (MDL:0.001)	BDL (MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)
9	Chlorides	mg/l	250	1000	178.7	462.9	421.6	192.5	515	487	292.5	847.9
10	Sulphate	mg/l	200	400	28.2	52	94.2	110	90.1	66.4	54	156
11	Total Hardness	mg/l	200	600	86.6	165	182.2	415.8	226.6	211.2	103.8	331.2
12	Ca++ Hardness	mg/l	NS	NS	33	63.8	56.8	178.2	116.6	114.4	45	41.2
13	Mg++ Hardness	mg/l	NS	NS	50.6	101.2	125.4	237.6	110	96.8	58.8	290
14	Total Alkalinity	mg/l	200	600	224.5	454.5	571.5	324	324	462.1	422	324
15	Nitrate	mg/l	45	NR	2.6	2.4	2.8	2.1	1	6.2	1.9	8.8

Sr. No.	Parameter	Unit	IS 10500 Standard Limits for drinking water		GW 01 Nani Khakhar	GW 02 Moti Khakhar	GW 03 Mota Kandagra	GW 04 Siracha	GW 05 Navinal	GW 06 Tunda	GW 07- Nana Bhadiya	GW 08 Deshalpar
			Desirable limit	Per. Limit in abs. of Alt. So	Nov-25	Nov-25	Nov-25	Nov-25	Nov-25	Nov-25	Nov-25	Nov-25
16	Fluoride	mg/l	1	1.5	0.24	0.66	1.1	0.74	1.2	1.3	1.2	0.74
17	Sodium	mg/l	NS	NS	146	410.4	390	174	420	414	262	652
18	Potassium	mg/l	NS	NS	2.5	5.8	4.6	2.9	5.5	5.2	5.4	3.2
19	Calcium	mg/l	75	200	13.2	8.64	22.7	71.4	46.7	45.9	18	77.6
20	Magnesium	mg/l	30	100	12.3	34.75	30.4	57.7	26.7	23.5	14.2	43.8
21	Salinity	mg/l	NS	NS	0.32	0.83	0.76	0.34	1.29	0.88	0.34	1.53
22	Total Nitrogen	mg/l	0.5	NR	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)
23	Total Phosphorous	mg/l	NS	NS	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
24	Dissolved Oxygen	mg/l	NS	NS	6.6	6.2	6.3	6.2	6.1	6.6	6.4	6.5
25	Ammonical Nitrogen	mg/l	NS	NS	BDL(MDL:0.2)	BDL(MDL:0.2)	BDL(MDL:0.2)	BDL(MDL:0.2)	BDL(MDL:0.2)	BDL(MDL:0.2)	BDL(MDL:0.2)	BDL(MDL:0.2)
26	SAR	-	NS	NS	6.9	13.9	12.6	3.7	12.1	12.4	11.2	15.6
Heavy Metals												
27	Arsenic (as As)	mg/l	0.01	0.05	BDL (MDL:0.01)	BDL (MDL:0.01)	BDL (MDL:0.01)	BDL (MDL:0.01)	BDL (MDL:0.01)	BDL (MDL:0.01)	BDL (MDL:0.01)	BDL (MDL:0.01)
28	Cadmium (as Cd)	mg/l	0.003	NR	BDL (MDL:0.003)	BDL (MDL:0.003)	BDL (MDL:0.003)	BDL (MDL:0.003)	BDL (MDL:0.003)	BDL (MDL:0.003)	BDL (MDL:0.003)	BDL (MDL:0.003)
29	Chromium (as Cr)	mg/l	0.05	NR	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)
30	Copper (as Cu)	mg/l	0.05	1.5	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)
31	Cyanide (as CN)	mg/l	0.05	NR	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)

Sr. No.	Parameter	Unit	IS 10500 Standard Limits for drinking water		GW 01 Nani Khakhar	GW 02 Moti Khakhar	GW 03 Mota Kandagra	GW 04 Siracha	GW 05 Navinal	GW 06 Tunda	GW 07- Nana Bhadiya	GW 08 Deshalpar
			Desirable limit	Per. Limit in abs. of Alt. So	Nov-25	Nov-25	Nov-25	Nov-25	Nov-25	Nov-25	Nov-25	Nov-25
32	Iron (as Fe)	mg/l	0.3	NR	BDL (MDL:0.1)	BDL (MDL:0.1)	BDL (MDL:0.1)	BDL (MDL:0.1)	BDL (MDL:0.1)	BDL (MDL:0.1)	BDL (MDL:0.1)	BDL (MDL:0.1)
33	Lead (as Pb)	mg/l	0.01	NR	BDL (MDL:0.01)	BDL (MDL:0.01)	BDL (MDL:0.01)	BDL (MDL:0.01)	BDL (MDL:0.01)	BDL (MDL:0.01)	BDL (MDL:0.01)	BDL (MDL:0.01)
34	Mercury (as Hg)	mg/l	0.001	NR	BDL (MDL:0.001)	BDL (MDL:0.001)	BDL (MDL:0.001)	BDL (MDL:0.001)	BDL (MDL:0.001)	BDL (MDL:0.001)	BDL (MDL:0.001)	BDL (MDL:0.001)
35	Manganese (as Mn)	mg/l	0.1	0.3	BDL (MDL:0.1)	BDL (MDL:0.1)	BDL (MDL:0.1)	BDL (MDL:0.1)	BDL (MDL:0.1)	BDL (MDL:0.1)	BDL (MDL:0.1)	BDL (MDL:0.1)
36	Nickel (as Ni)	mg/l	0.02	NR	BDL (MDL:0.02)	BDL (MDL:0.02)	BDL (MDL:0.02)	BDL (MDL:0.02)	BDL (MDL:0.02)	BDL (MDL:0.02)	BDL (MDL:0.02)	BDL (MDL:0.02)
37	Zinc (as Zn)	mg/l	5	15	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)	BDL (MDL:0.05)
38	Total Coliform	MPN	Shall not be detectable		Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
39	Faecal Coliforms	MPN	Shall not be detectable		Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Report Ref. No. URC/25/XX/XXX & URB/25/XX/XXX					11/0513 11/0513	11/0511 11/0512	11/0567 11/0568	11/0517 11/0518	11/0521 11/0522	11/0571 11/0572	11/0573 11/0574	11/0515 11/0516

Observations :

"The analysed results were compared with IS:10500 drinking water standards to evaluate compliance and ensure safety. Opportunities for further improvement in water quality parameters were identified to enhance groundwater conditions through water conservation measures."

4.3.2 Surface Water Quality

Surface water sample were collected as grab samples from four location. Same has been sent to laboratory for analysis for various parameters.

The water quality findings from the surface water samples are outlined in the following table:

Sr. No.	Parameter	Unit	Classification for Inland Surface Water (CPCB)	SW 4 Nagavanti Nadi	SW 5 Zarpara village pond	SW 6 Navinal village pond	SW 07- Siracha village pond
			Class E	Nov-25	Nov-25	Nov-25	Nov-25
1	pH	pH Scale	6.5 to 8.5	8.15	8.05	8.15	7.87
2	Dissolved Oxygen	mg/l	NA	6.4	6.7	6.3	6.1
3	TDS	mg/l	2100	418	720	230	280
4	Electrical Conductivity	µmohs/cm	2250	685	1240	350	498
5	BOD	mg/l	NA	6.3	6.2	5.8	5.9
6	Colour	Pt.co	-	BDL(MDL:5.0)	BDL(MDL:5.0)	BDL(MDL:5.0)	BDL(MDL:5.0)
7	Total Hardness	mg/l	NA	112.9	110.9	66.6	84.2
8	Ca++ Hardness	mg/l	NA	73.3	43.6	49	39.2
9	Mg++ Hardness	mg/l	NA	39.6	67.3	17.6	45
10	Chlorides	mg/l	600	28	83.1	72.9	108.7
11	Sulphate	mg/l	1000	11.3	19.2	11.4	22
12	Nitrate	mg/l	NA	0.8	0.6	0.6	0.5
13	Fluoride	mg/l	-	BDL (MDL: 0.2)	0.43	0.68	BDL (MDL: 0.2)
14	Phenol	mg/l	NA	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)
15	Ammonical Nitrogen	mg/l	NA	BDL(MDL:0.2)	BDL(MDL:0.2)	BDL(MDL:0.2)	BDL(MDL:0.2)
16	SAR		26	2.3	2.7	1.8	2.6
17	Copper (as Cu)	mg/l	NA	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)
18	Iron (as Fe)	mg/l	NA	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)
19	Manganese (as Mn)	mg/l	NA	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)	BDL(MDL:0.1)
20	Mercury	mg/l	NA	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)
21	Cadmium (as Cd)	mg/l	NA	BDL(MDL:0.003)	BDL(MDL:0.003)	BDL(MDL:0.003)	BDL(MDL:0.003)
22	Arsenic (as As)	mg/l	NA	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)

Sr. No.	Parameter	Unit	Classification for Inland Surface Water (CPCB)	SW 4 Nagavanti Nadi	SW 5 Zarpara village pond	SW 6 Navinal village pond	SW 07- Siracha village pond
			Class E	Nov-25	Nov-25	Nov-25	Nov-25
23	Cyanide	mg/l	NA	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)
24	Lead (as Pb)	mg/l	NA	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)
25	Zinc	mg/l	NA	BDL (MDL: 0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)
26	Chromium (as Cr)	mg/l	NA	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)	BDL(MDL:0.05)
27	Boron	mg/l	2	BDL(MDL:0.5)	BDL(MDL:0.5)	BDL(MDL:0.5)	BDL(MDL:0.5)
28	Total Coliform	MPN/100ml	-	Absent	Absent	Absent	Absent
29	COD	mg/l	-	13.6	28.2	12.3	16.2
Report Ref. No.				URC/25/11/0690 URB/25/11/0691	URC/25/11/0565 URB/25/11/0566	URC/25/11/0519 URB/25/11/0520	URC/25/11/0569 URB/25/11/0570

Observations :

The analysed results were compared with CPCB Inland Surface Water Classification (Class E) to assess water quality. Our operations do not have any direct impact on the water quality.

4.3.3 Surface Water (Marine) Quality

Surface water (Marine) was collected as grab samples from three location. Same has been sent to laboratory for analysis for various parameters.

The water quality findings from the surface water (marine) samples are outlined in the following table:

Sr. No.	Parameter	Unit	Classification for Coastal marine water (CPCB)	SW 1- Intake channel of APL	SW 2- Kotadi Creek water	SW 3- Baradi mata creek
			SW I	Nov-25	Nov-25	Nov-25
1	pH	pH scale	6.5 to 8.5	8.15	8.14	8.24
2	Dissolved Oxygen	mg/l	5	6.3	6.5	6.1
3	Colour & Odour	-	No Colour No Odour	10 & Agreeable	10 & Agreeable	10 & Agreeable
4	Floating Matters	-	None	--	--	--

Sr. No.	Parameter	Unit	Classification for Coastal marine water (CPCB)	SW 1- Intake channel of APL	SW 2- Kotadi Creek water	SW 3- Baradi mata creek
			SW I	Nov-25	Nov-25	Nov-25
5	Total Suspended Solid	mg/l	None from Sewage or Industrial waste Origin	34	30	22
6	Turbidity	mg/l	-	5	1	BDL (MDL : 0.1)
7	BOD	NTU	-	1.8	5.1	3.2
8	Oil & Grease	mg/l	0.1	BDL(MDL:2.0)	BDL(MDL:2.0)	BDL(MDL:2.0)
9	Mercury as Hg	mg/l	0.01	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)
10	Lead (as Pb)	mg/l	0.01	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)
11	Cadmium (as Cd)	mg/l	0.01	BDL (MDL : 0.003)	BDL (MDL : 0.003)	BDL (MDL : 0.003)
12	Iron (as Fe)	mg/l	-	0.16	0.28	0.156
13	Manganese (as Mn)	mg/l	-	BDL (MDL : 0.1)	BDL (MDL : 0.1)	BDL (MDL : 0.1)
14	Total Coliform	ml (MPN)	-	Absent	Absent	Absent
15	Sludge Deposits, Solid refuse floating Solids, Oil Grease and Scum	-	-	--	--	--
16	COD	mg/l	-	18.5	34.1	30.9
Report Ref. No.				URC/25/11/0688 URB/25/11/0689	URC/25/11/0686 URB/25/11/0687	URC/25/11/0692 URB/25/11/0693

Observations :

These analysed results were subsequently compared against the Classification for Coastal marine water (CPCB) Class SW I & are found well within Limits

4.3.4 Sewage Water Quality

Sewage water samples was collected as grab samples from STP outlet and sent to laboratory for analysis for various parameters.

The water quality findings from the sewage water sampling locations are outlined in the following table:

Sr. No.	Location	MOEFCC Limits	STP Outlet					
			Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26
1	pH @25°C	6.5 – 9.0	6.86	7.06	6.57	6.52	6.61	6.78
2	Total Suspended Solid	<50	18	14	16	18	15	19
3	Chemical Oxygen Demand (COD)	-	35	36	29.3	36	31.5	32.1
4	Biochemical Oxygen Demand (BOD) (5 days at 20 OC)	<30	8	8	9	9	9	9
5	Total Nitrogen	-	9.1	8.1	8.6	8.3	9	8.5
6	Total Phosphorus	-	0.3	0.4	0.4	0.5	0.6	0.6
7	Faecal Coliform	<1000	28	22	27	24	20	27
Report Ref. No.: URC/25/10/0540, URC/ 25/11/0399, URC/ 25/12/0431, URC/26/01/0420, URC /26/02/0428, URC/26/03/0594								

Observations :

The analysed results were reviewed against the standards prescribed by the Ministry of Environment, Forest and Climate Change (MoEF&CC) under notification GSR 1265(E) dated 13 October 2017 and were confirmed to be well within the stipulated limits.

4.4 Soil Quality

Soil was collected as grab samples from four location & sent to laboratory for analysis for various parameters.

The soil quality findings from the soil samples are outlined in the following table:

Sr. No.	Parameter	Unit	ST1a Pocket 1	ST1c Pocket 2	Pocket 3
			Nov-25	Nov-25	Nov-25
1	Porosity	%	46.9	40.5	33
2	Water Holding Capacity	ml/100 gm	34	29	30
3	Permeability	Cm/Sec	0.144	0.143	0.154
4	Particle Size Distribution				
a	Sand	%	69	69	69
b	Clay	%	11.2	12.5	12.5
c	Silt	NTU	18.5	18.5	13.5
5	Texture	%	Sandy Loam	Sandy Loam	Sandy Loam
6	Cation Exchange Capacity	--	29.5	27.1	26.9
7	SAR	meq/100g	3.3	6.4	1.6
8	Electrical Conductivity	--	184	222	318

Sr. No.	Parameter	Unit	ST1a Pocket 1	ST1c Pocket 2	Pocket 3
			Nov-25	Nov-25	Nov-25
9	Exchangeable Sodium	µs/cm	7.55	13.1	9.24
10	pH	%	8.76	8.89	8.11
11	Calcium	--	410.4	496	2650.2
12	Magnesium	meq/100gm	122	144.6	92.1.
13	Sodium	meq/100gm	365	510	426
14	Potassium	mg/kg	66	62.2	58.2
15	Total Organic Carbon	mg/kg	0.078	0.067	0.071
16	Available phosphorus	mg/kg	7.64	8.42	8.31
17	Available potassium	mg/kg	168	162	154.2
Report Ref. No.			URC/25/12/0123	URC/25/12/0124	URC/25/12/0125

Observations :

Soil testing has been conducted to assess the present characteristics of the soil. The analytical results obtained from the testing are presented above

Annexure 2: Calibration Certificates

Calibration Certificate

Instrument Name: Respirostat Dual Sampler
 Instrument ID No.: UR/AR/RDS/15
 Instrument Sr. No. Supplier: 2343-018-2012-1039-DSC-2012
 Calibration Certificate No.: UR/CC/RDS-18/1219/24-26
 Date of Calibration: 18/12/2025
 Next Calibration due Date: 18/12/2026

Sr. No.	Name of Unit Calibrated	Calibrator traceable to	Calibration Certificate No. Date of Calibration
1.	Flow Meter	Top Loading Office Envirotech Calibration Laboratory ID No.: UR/MASTER/AR/AJ/AM/01	ECU/UR/FL/2025-26/FCR/3146 Date of Cal: 33.08.2025
	ID No: UR/AR/RDS/15/15	Differential pressure meter Envirotech Calibration Laboratory	ECU/UR/FL/2025-26/MCH/2047 Date of Cal: 33.08.2025
2.	Time Tolerator	Envirotech Calibration Laboratory	ECU/UR/FL/2025-26/ET/5288
	ID No: UR/AR/RDS/17/15	ID No: UR/MASTER/AR/11/01	Date of Cal: 04.12.2025
3.	Rotameter	Rotameter Envirotech Calibration Laboratory	ECU/UR/FL/2025-26/FLOW/2597
	ID No: UR/AR/RDS/16/11	ID No: UR/MASTER/AR/RM/02	Date of Cal: 05.12.2025

> UNCERTAINTY MEASUREMENT: Flow Meter: ± 0.0341 mm/min
 > UNCERTAINTY MEASUREMENT: Time Tolerator: ± 0.001 Hour
 > UNCERTAINTY MEASUREMENT: Rotameter: ± 0.140 L/min

The reported uncertainty is the expanded uncertainty in measurement at 95 % Confidence level with coverage factor k = 2 which corresponds to coverage probability of approximately 95 % of normal distribution.

Prepared By: Sanjay Chaudhary
 Approved By: Technical Manager

Page 1 of 1 UR/AR/RDS-7300

Calibration Certificate

Instrument Name: Fine Particulate Sampler
 Instrument ID No.: UR/AR/FPS/13
 Instrument Sr. No. Supplier: 132-011-2012
 Calibration Certificate No.: UR/CC/FPS-13/1219/25-26
 Date of Calibration: 18/12/2025
 Next Calibration due Date: 18/12/2026

Sr. No.	Name of Unit Calibrated	Calibrator traceable to	Calibration Certificate No. Date of Calibration
1.	Equipments	Envirotech Calibration Laboratory	ECU/UR/FL/2025-26/FLOW/2596
	ID No: UR/AR/FPS/RM/13	ID No: UR/MASTER/AR/RM/01	Date of Cal: 04.12.2025
2.	Time Tolerator	Envirotech Calibration Laboratory	ECU/UR/FL/2025-26/ET/5288
	ID No: UR/AR/FPS/13/13	ID No: UR/MASTER/AR/11/01	Date of Cal: 04.12.2025

> UNCERTAINTY MEASUREMENT: Equipments: ± 0.475 LPM
 > UNCERTAINTY MEASUREMENT: Time Tolerator: ± 0.001 Hour

The reported uncertainty is the expanded uncertainty in measurement at 95 % Confidence level with coverage factor k = 2 which corresponds to coverage probability of approximately 95 % of normal distribution.

Prepared By: Sanjay Chaudhary
 Approved By: Technical Manager

Page 1 of 1 UR/AR/FPS-7300

Calibration Certificate for RDS

Calibration Certificate for FPS

Calibration Certificate

Instrument Name: Respirostat Dual Sampler
 Instrument ID No.: UR/AR/RDS/16
 Instrument Sr. No. Supplier: 1744-01A-2012-1127-DT-2012
 Calibration Certificate No.: UR/CC/RDS-16/1218/25-26
 Date of Calibration: 18/12/2025
 Next Calibration due Date: 17/12/2026

Sr. No.	Name of Unit Calibrated	Calibrator traceable to	Calibration Certificate No. Date of Calibration
1.	Flow Meter	Top Loading Office Envirotech Calibration Laboratory ID No.: UR/MASTER/AR/AJ/AM/01	ECU/UR/FL/2025-26/FLOW/3146 Date of Cal: 23.08.2025
	ID No: UR/AR/RDS/16/16	Differential pressure meter Envirotech Calibration Laboratory	ECU/UR/FL/2025-26/MCH/3147 Date of Cal: 23.08.2025
2.	Time Tolerator	Envirotech Calibration Laboratory	ECU/UR/FL/2025-26/ET/5288
	ID No: UR/AR/RDS/17/16	ID No: UR/MASTER/AR/11/01	Date of Cal: 04.12.2025
3.	Rotameter	Rotameter Envirotech Calibration Laboratory	ECU/UR/FL/2025-26/FLOW/2597
	ID No: UR/AR/RDS/16/16	ID No: UR/MASTER/AR/RM/02	Date of Cal: 05.12.2025

> UNCERTAINTY MEASUREMENT: Flow Meter: ± 0.041 mm/min
 > UNCERTAINTY MEASUREMENT: Time Tolerator: ± 0.001 Hour
 > UNCERTAINTY MEASUREMENT: Rotameter: ± 0.140 L/min

The reported uncertainty is the expanded uncertainty in measurement at 95 % Confidence level with coverage factor k = 2 which corresponds to coverage probability of approximately 95 % of normal distribution.

Prepared By: Sanjay Chaudhary
 Approved By: Technical Manager

Page 1 of 1 UR/AR/RDS-7300

Calibration Certificate

Instrument Name: Fine Particulate Sampler
 Instrument ID No.: UR/AR/FPS/14
 Instrument Sr. No. Supplier: 132-012-2012
 Calibration Certificate No.: UR/CC/FPS-14/1218/25-26
 Date of Calibration: 18/12/2025
 Next Calibration due Date: 17/12/2026

Sr. No.	Name of Unit Calibrated	Calibrator traceable to	Calibration Certificate No. Date of Calibration
1.	Rotameter	Envirotech Calibration Laboratory	ECU/UR/FL/2025-26/FLOW/2596
	ID No: UR/AR/FPS/RM/14	ID No: UR/MASTER/AR/RM/01	Date of Cal: 04.12.2025
2.	Time Tolerator	Envirotech Calibration Laboratory	ECU/UR/FL/2025-26/ET/5288
	ID No: UR/AR/FPS/14/14	ID No: UR/MASTER/AR/11/01	Date of Cal: 04.12.2025

> UNCERTAINTY MEASUREMENT: Rotameter: ± 0.475 LPM
 > UNCERTAINTY MEASUREMENT: Time Tolerator: ± 0.001 Hour

The reported uncertainty is the expanded uncertainty in measurement at 95 % Confidence level with coverage factor k = 2 which corresponds to coverage probability of approximately 95 % of normal distribution.

Prepared By: Sanjay Chaudhary
 Approved By: Technical Manager

Page 1 of 1 UR/AR/FPS-7300

Calibration Certificate for RDS

Calibration Certificate for FPS

UniStar
Environment & Research Labs Pvt. Ltd.

Calibration Certificate

Instrument Name	Respirable Dust Sampler
Instrument ID No.	UR/LA/R/RS/17
Instrument Sr. No. Supplier	1745-01A-2013, 1139-01A-2013
Calibration Certificate No.	UR/CC/RDS-17/1219/25-26
Date of Calibration	19/12/2025
Next Calibration due Date	18/12/2026

Sr. No.	Name of Unit Calibrated	Calibrator Traceable to	Calibration Certificate No. Date of Calibration
1	Flow Meter	Top Loading Office Envirotech Calibration Laboratory ID No.: (UR/LA/MASTER/AR/AA/MM/01)	ECL/UR/LP/2025-26/FLOW/5146 Date of Cal: 23.08.2025
	ID No. (UR/LA/R/RS/TM/17)	Differential pressure meter Envirotech Calibration Laboratory	ECL/UR/LP/2025-26/MCH/0147 Date of Cal: 23.08.2025
2	Time Totalizer	Envirotech Calibration Laboratory	ECL/UR/LP/2025-26/TI/5590
	ID No. (UR/LA/R/RS/TI/17)	ID No. (UR/LA/MASTER/AR/TI/01)	Date of Cal: 04.12.2025
3	Rotameter	Rotameter Envirotech Calibration Laboratory	ECL/UR/LP/2025-26/FLOW/5597
	ID No. (UR/LA/R/RS/RT/17)	ID No. (UR/LA/MASTER/AR/RT/01)	Date of Cal: 05.12.2025

▶ UNCERTAINTY MEASUREMENT: Flow Meter ± 0.01 m³/min
 ▶ UNCERTAINTY MEASUREMENT: Time Totalizer ± 0.031 hour
 ▶ UNCERTAINTY MEASUREMENT: Rotameter ± 0.160 LPM

The reported uncertainty is the expanded uncertainty in measurement at 95% Confidence level with coverage factor of k = 2 which corresponds to coverage probability of approximately 95% of normal distribution.

Prepared By: Senior chemist

Approved By: Technical manager

Page 1 of 1

Calibration Certificate for RDS

UniStar
Environment & Research Labs Pvt. Ltd.

Calibration Certificate

Instrument Name	Flow Pictometer Sampler
Instrument ID No.	UR/LA/R/FP/15
Instrument Sr. No. Supplier	123-01B-2013
Calibration Certificate No.	UR/CC/FPS-15/1219/25-26
Date of Calibration	19/12/2025
Next Calibration due Date	18/12/2026

Sr. No.	Name of Unit Calibrated	Calibrator Traceable to	Calibration Certificate No. Date of Calibration
1	Rotameter	Envirotech Calibration Laboratory	ECL/UR/LP/2025-26/FLOW/5596
	ID No. (UR/LA/R/FP/RT/15)	ID No. (UR/LA/MASTER/AR/RT/01)	Date of Cal: 04.12.2025
2	Time Totalizer	Envirotech Calibration Laboratory	ECL/UR/LP/2025-26/TI/5598
	ID No. (UR/LA/R/FP/TI/15)	ID No. (UR/LA/MASTER/AR/TI/01)	Date of Cal: 04.12.2025

▶ UNCERTAINTY MEASUREMENT: Rotameter ± 0.175 LPM
 ▶ UNCERTAINTY MEASUREMENT: Time Totalizer ± 0.031 hour

The reported uncertainty is the expanded uncertainty in measurement at 95% Confidence level with coverage factor of k = 2 which corresponds to coverage probability of approximately 95% of normal distribution.

Prepared By: Senior chemist

Approved By: Technical manager

Page 1 of 1

Calibration Certificate for FPS

UniStar
Environment & Research Labs Pvt. Ltd.

Calibration Certificate

Instrument Name	Respirable Dust Sampler
Instrument ID No.	UR/LA/R/RS/16
Instrument Sr. No. Supplier	1771-01A-2013, 1142-01A-2013
Calibration Certificate No.	UR/CC/RDS-16/1320/25-26
Date of Calibration	20/12/2025
Next Calibration due Date	19/12/2026

Sr. No.	Name of Unit Calibrated	Calibrator Traceable to	Calibration Certificate No. Date of Calibration
1	Flow Meter	Top Loading Office Envirotech Calibration Laboratory ID No.: (UR/LA/MASTER/AR/AA/MM/01)	ECL/UR/LP/2025-26/FLOW/5146 Date of Cal: 23.08.2025
	ID No. (UR/LA/R/RS/TM/16)	Differential pressure meter Envirotech Calibration Laboratory	ECL/UR/LP/2025-26/MCH/0147 Date of Cal: 23.08.2025
2	Time Totalizer	Envirotech Calibration Laboratory	ECL/UR/LP/2025-26/TI/5599
	ID No. (UR/LA/R/RS/TI/16)	ID No. (UR/LA/MASTER/AR/TI/01)	Date of Cal: 04.12.2025
3	Rotameter	Rotameter Envirotech Calibration Laboratory	ECL/UR/LP/2025-26/FLOW/5597
	ID No. (UR/LA/R/RS/RT/16)	ID No. (UR/LA/MASTER/AR/RT/01)	Date of Cal: 04.12.2025

▶ UNCERTAINTY MEASUREMENT: Flow Meter ± 0.01 m³/min
 ▶ UNCERTAINTY MEASUREMENT: Time Totalizer ± 0.031 hour
 ▶ UNCERTAINTY MEASUREMENT: Rotameter ± 0.160 LPM

The reported uncertainty is the expanded uncertainty in measurement at 95% Confidence level with coverage factor of k = 2 which corresponds to coverage probability of approximately 95% of normal distribution.

Prepared By: Senior chemist

Approved By: Technical manager

Page 1 of 1

Calibration Certificate for RDS

UniStar
Environment & Research Labs Pvt. Ltd.

Calibration Certificate

Instrument Name	Flow Pictometer Sampler
Instrument ID No.	UR/LA/R/FP/16
Instrument Sr. No. Supplier	129-01C-2012
Calibration Certificate No.	UR/CC/FPS-16/1320/25-26
Date of Calibration	20/12/2025
Next Calibration due Date	19/12/2026

Sr. No.	Name of Unit Calibrated	Calibrator Traceable to	Calibration Certificate No. Date of Calibration
1	Rotameter	Envirotech Calibration Laboratory	ECL/UR/LP/2025-26/FLOW/5588
	ID No. (UR/LA/R/FP/RT/16)	ID No. (UR/LA/MASTER/AR/RT/01)	Date of Cal: 04.12.2025
2	Time Totalizer	Envirotech Calibration Laboratory	ECL/UR/LP/2025-26/TI/5596
	ID No. (UR/LA/R/FP/TI/16)	ID No. (UR/LA/MASTER/AR/TI/01)	Date of Cal: 04.12.2025

▶ UNCERTAINTY MEASUREMENT: Rotameter ± 0.175 LPM
 ▶ UNCERTAINTY MEASUREMENT: Time Totalizer ± 0.031 hour

The reported uncertainty is the expanded uncertainty in measurement at 95% Confidence level with coverage factor of k = 2 which corresponds to coverage probability of approximately 95% of normal distribution.

Prepared By: Senior chemist

Approved By: Technical manager

Page 1 of 1

Calibration Certificate for FPS



UniStar Environment & Research Labs Pvt. Ltd,
White House, Near GIDC Office, Char Rasta, Vapi,
Gujarat, India – 396195

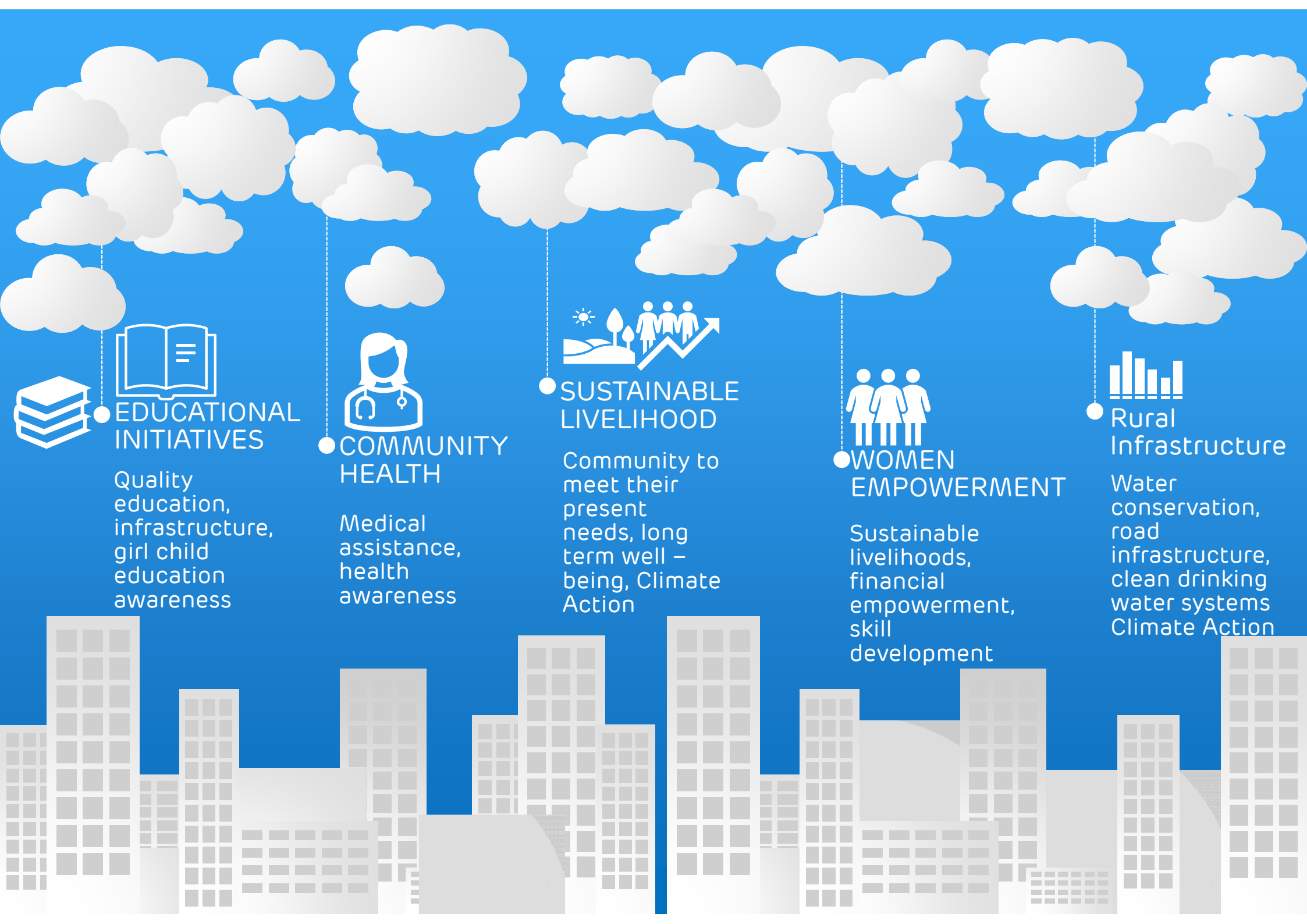


Corporate Environmental Responsibility

OCTOBER, 2025 – MARCH, 2026



MUNDRA PETROCHEM LIMITED



EDUCATIONAL INITIATIVES

Quality education, infrastructure, girl child education awareness



COMMUNITY HEALTH

Medical assistance, health awareness



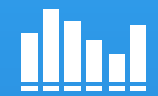
SUSTAINABLE LIVELIHOOD

Community to meet their present needs, long term well-being, Climate Action



WOMEN EMPOWERMENT

Sustainable livelihoods, financial empowerment, skill development



Rural Infrastructure

Water conservation, road infrastructure, clean drinking water systems Climate Action

Executive Summery

This report outlines the key achievements of Mundra Petrochem Limited (MPL) in its Corporate Environmental Responsibility (CER) efforts from October 2025 to March 2026.



MPL continues to focus on creating positive impacts in the communities surrounding PVC projects, prioritizing environmental sustainability, community development, and fostering better health outcomes.

MPL's Corporate Environmental Responsibility (CER) program goes beyond carbon footprint reduction. It adopts a comprehensive strategy based on thorough scientific principles. This wide-ranging effort tackles environmental issues, strengthens ecological resilience, and supports local communities.

Linkage with Global Sustainability Goals



Enhancing economic opportunities, Improving education and extending social support

1 NO POVERTY



Promoting natural farming for a healthy lifestyle and conducting health camps to address the health issues.

3 GOOD HEALTH AND WELL-BEING



Educational, sports amenities and transporting facilities to girls and boys for equitable and quality primary and secondary education.

4 QUALITY EDUCATION



Ensuring clean water availability & developing water restoring facilities / ground water recharge system for sustainability

6 CLEAN WATER AND SANITATION



Productive employment and decent work for all women and men through Skilling Programme

8 DECENT WORK AND ECONOMIC GROWTH



Use of Best available technology & infrastructure for clean production & Sustainability

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



Linkage with Global Sustainability Goals



Empower and promote the social, economic and Ensure equal opportunity & reduce inequalities of outcome.

10 REDUCED INEQUALITIES



Providing holistic solutions through water management, sustainable agriculture, green energy, and resilience building through health and disaster management.

11 SUSTAINABLE CITIES AND COMMUNITIES



Ensuring sustainable consumption and production patterns in line with statutory norms & applicable international standard

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Promoting green areas through plantation, preserving, and restoring mangrove ecosystems, & commencing IEC based awareness activities for building environmental stewardship.

13 CLIMATE ACTION



Increased afforestation. Reduce the degradation of natural habitats, halt the loss of biodiversity. Integrate ecosystem and biodiversity values.

15 LIFE ON LAND



Improving the activities with involvement / partnership with stake holders, local stake holder - communities, Governments, etc. to maintain the sustainable livelihood

17 PARTNERSHIPS FOR THE GOALS



Monetary Information

Sr. No.	Sector	CER Expenditure (INR) FY25-26	CER Expenditure (INR) Till March, 26
1	Educational Initiatives.	7407253	17902746
2	Community Health Initiatives.	8707098	31961109
3	Sustainable Livelihood and women Empowerment.	35314453	57727505
4	Community Rural Infrastructure Development.	42029727	107932822
5	Monitoring & Reporting	2264306	8065968
Total		95722835	223590150
Approximate INR 957.228 Lakh		2235.901 Lakh	



Demographic details of villages*

About The Regions

A historic town in the Kutch district, characterized by a hot, dry climate and abundant biodiversity. Situated along the Gulf of Kutch, this census town showcases cultural variety alongside thriving mangrove forests and diverse bird species.

16 Study Villages in the Mundra & Mandavi Area



Female

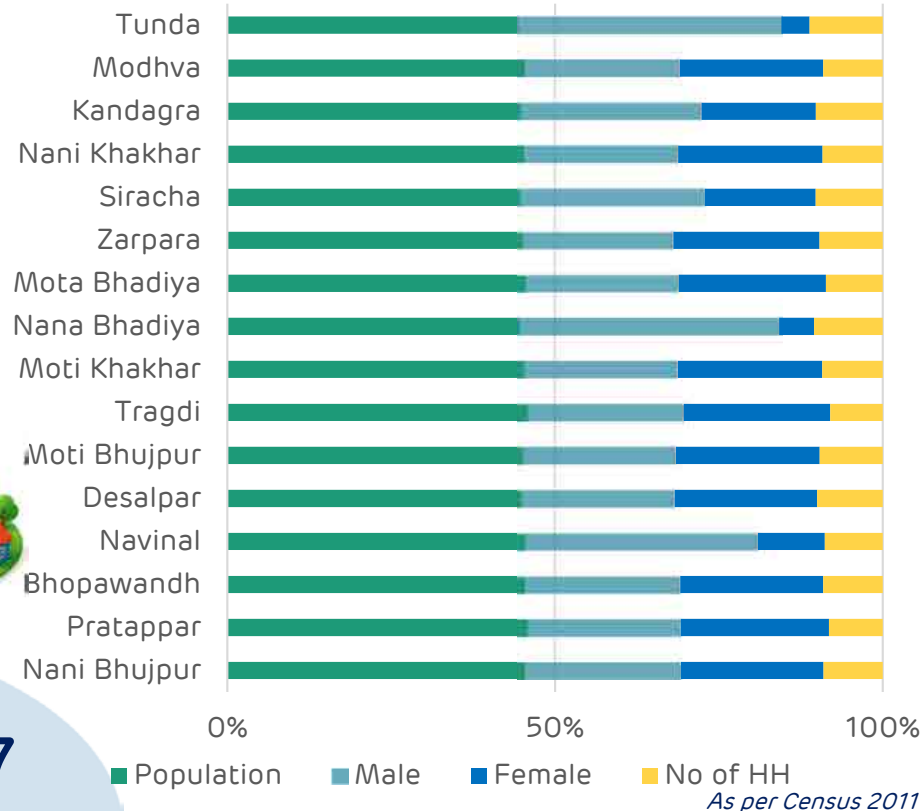


Male

Households
13,182



Total
Population
60,067



21,328 (37.2%)

38,739 (62.4%)

School needs and infrastructure

To nurture the all-round growth of students, playing equipment has been provided to Zarapra Girls' School and Tunda Village School. This heartfelt initiative promotes physical fitness, encourages active recreation, and fosters teamwork, discipline, and sportsmanship — supporting the holistic well-being and healthy development of every student.



495+

Students benefitted



A sanitary pad disposal machine has been installed at Kasturba Vidyalaya, Deshalpar to promote menstrual hygiene and foster a respectful school environment, providing girl students with a safe and hygienic way to manage waste.



213+

Benefitted

To improve the quality of education and promote interactive learning, Deshalpar School has been equipped with smart class support, incorporating digital tools into the teaching and learning process. Setup of digital and audio-visual smart class infrastructure can enhanced student participation via technology-driven instruction. Further, it can assistance teachers through engaging and effective teaching aids. It can also highlight the better learning results and a narrowed digital divide in a rural school setting



100+
Benefited



Skill Development



To create a community empowered through knowledge and personal skill development by enhancing public libraries with high-quality reading materials, promoting a culture of learning, literacy, and continuous education for the students and residents of Moti Bhujpur. In addition to this, interior setup have been done at Farmer training Center.



Educational Vocational Guidance



Awareness on education, health, hygiene & discipline.



The goal is to promote good health and foster environmentally conscious future citizens by encouraging sustainable practices among school children and minimizing the use of single-use plastics within school communities.

- ❑ Reinforced the basis for enduring environmental protection.
- ❑ Motivated families and communities to embrace sustainable lifestyle habits.
- ❑ Notable behavioral shifts include students handing out fruits during birthday celebrations and other occasions.

421+

Books provided



10000+

Beneficiaries

The Career Orientation & Guidance Initiative was hosted in local rural village schools to assist students during important academic decision-making periods. Targeting those in Grades 9 to 12, the program offered organized insights into various career options.

1606

Students Benefited



27

Schools

- Career Awareness Sessions.
- Psychometric Testing and Career Counseling.
- Stream and Course Selection Guidance.
- Skill development workshop.
- Parents involvement Seminars.

6000+

Students Benefited



35

Schools

Further, Digital learning equipment like touch screen panel board, Computers & Printers have been provided at nearby villages to boost-up the skill among the youth.

Skill Improvement for Teaching Staff

The Green School Project aims to educate Uthhan Sahayak and students on environmentally sustainable practices.

The project began with workshops focused on building capacity and later expanded to involve a wide range of students in efforts to reduce and reuse plastic using innovative and practical methods.

- ❑ Uthhan Sahayaks received training focused on minimizing and reusing single-use plastics.
- ❑ They fostered a strong environmental awareness in over 6000 students.
- ❑ Converted 35 schools into plastic-free environments.
- ❑ Encouraged creative reuse of plastic waste by making eco-bricks.

78

Uthhan Sahayaks benefited



Health, hygiene & discipline among the schools

To assure that all students and staff have access to safe and clean drinking water and to improve health, hygiene, and create a learning environment free from waterborne diseases, Saline Water Reverse Osmosis (RO) systems have been installed in the villages of Moti Khakhar, Deshalpar and Vandh.



Village: Moti Khakhar
150 ltr/hr Capacity
350+ Student Benefited



Village: Deshalpar
250 ltr/hr Capacity
413+ Student Benefited



Village: Vandh
150 ltr/hr Capacity
187+ Student Benefited



Empowering Athletic Excellence

Support through the provision of sports equipment has demonstrated significant benefits across various environments, such as schools, communities, and organizations. By ensuring access to quality sports equipment, participation in physical activities is greatly encouraged, which leads to numerous positive outcomes. These include improved health and wellness, enhanced teamwork and leadership skills, and increased motivation among participants.



A notable example of this impact is seen in the achievement of Hardi Jigneshbhai Pandya, who secured the Gold medal in the compound round event at the 79th School Games Archery competition held in Nadiad. Recognizing her potential and dedication, Mundra Petrochem Limited provided her with the latest archery equipment set to support her practice and training. This targeted support has contributed to her development as an athlete and underscores the broader commitment to fostering talent and empowering individuals through sports.



High-quality kabaddi mats were provided to develop a safe and professional playing environment for performers. The initiative aims to promote sports infrastructure at the grassroots level and support talent development in rural area. Availability of proper mats enhances player performance, reduces injury risks, and encourages regular practices. This support contributes to fostering youth engagement, community participation, and overall physical well-being.

Good health is essential for building a strong and thriving community. MPL focuses on enhancing access to quality healthcare in rural and remote regions, particularly targeting underserved groups in Mundra and Mandavi taluka.

MPL employs a holistic strategy combining preventive, promotive, and curative services. Through mobile medical units, rural clinics, and specialized health camps, timely healthcare is provided, while awareness programs promote early detection and healthy habits, with particular attention to women, children, and eye health.

Collaborations with Adani G.K. General Hospital in Bhuj, Adani Hospital in Mundra, medical experts, and community organizations enable MPL to reinforce the local healthcare system. These ongoing initiatives contribute to long-term health and foster safer, healthier communities.



A community health check-up camp was organized to provide essential medical tests and screenings for residents. The camp included a comprehensive blood count (CBC) to assess overall health and detect a variety of disorders, as well as SGPT testing to evaluate liver function. Creatine levels were measured to monitor kidney health, while Random Blood Sugar (RBS) tests helped identify potential diabetes risks. Urine analysis was performed to check for infections and other underlying health issues.

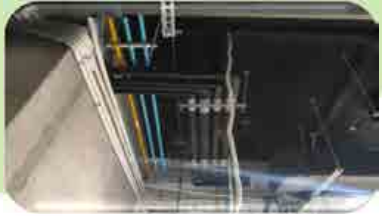
Community Health Camp

Additionally, Pulmonary Function Tests (PFT) were conducted to assess lung capacity and function. Eye screening was also offered, ensuring participants received a thorough evaluation of their vision and ocular health. The camp aimed to promote early detection and encourage proactive management of health concerns within the community.



CHC & Burn Care Unit

Development of Modern Burn care at Mundra is in progress. It will provide timely treatment, infection control, reduced mortality and easily accessible healthcare. In addition to this, Medical equipment have been provided to CHC, Mundra



498+
Beneficiaries



16
Villages



3500+
Participant

Mobile Health Care Units (MHCU)



The Mobile Health Units successfully served nearby villages by Adani Foundation to deliver essential medical services for the local communities.



5
Villages



586+
Patient
Beneficiated



16
Villages

Rural clinics & outreach services.



Basic healthcare services were provided in nearby villages, particularly at the fishing communities.

comprehensive healthcare initiatives that provide accessible general and

Specialized medical services focus on meeting essential health requirements and enhancing the overall wellness of rural populations by providing better access, timely diagnosis, and high-quality care.



5771+
Benefiting
Individuals



7
Villages

Delivered essential medical care to financially vulnerable patients through hospital support programs.



184
Beneficials

Awareness on Malnutrition and Anaemia



The Adani Foundation has conducted **Anganwadi Outreach** programs featuring sessions for mothers and children focused on health, hygiene, nutrition, and safety.

her Care

Mother Meetings Structured sessions on hygiene, nutrition, mental health & parenting



Mother Meeting



Sessions on menstrual health, anemia, mental health & adult

Sessions on **menstrual health, anemia, mental health & adult education**

Women Empowerment

MPL's Sustainability Livelihood Support initiative channels women's empowerment through five Self-Help Groups (SHGs), each made up of 10 members. By fostering entrepreneurship and income-generating activities, these groups serve as tool for collective growth, skill building, and financial self-reliance.

5 Self Help Groups:

- ❖ Gatrada Saheli Swasahay Juth
- ❖ NAMO Sakhi Mandal
- ❖ Vishrma Saheli Swasahay Juth

50,000/Month
Average incomes



50
Beneficiaries

- ❖ Deep Sakhi Mandal
- ❖ Ashapura Swasahay Juth

25,000/Month
Average incomes



Gatrada Saheli Swasahay Juth

Provision of tailoring equipment to strengthen income-generating skills, enhance vocational capacity, and promote sustainable economic self-reliance among women.



NAMO Sakhi Mandal

Providing of catering equipment to support women's livelihoods by strengthening group enterprises, enhancing income-generation, and promoting economic self-reliance.



Ashapura Swasahay Juth

Provision of dairy to strengthen dairy livelihoods and enhance income-generation opportunities for women members.



Deep Sakhi Mandal

Providing paper dish manufacturing equipment to support women-led enterprises and enable sustainable, eco-friendly income generation.



Vishrma Saheli Swasahay Juth

Provided dairy equipment with the objective of strengthening dairy-based livelihoods, enhancing income-generation opportunities & promoting productivity and sustainable economic empowerment within the community.



Upliftment of fisher-folk community

Aims to promote educational access and holistic development within the fisherfolk community by providing education kits and transportation to students, ensuring equitable learning opportunities and empowering children with essential resources to support academic growth, skill development, and a brighter future.

Provided education kits to students pursuing Higher Secondary and graduation-level education, improving access to essential study materials and alleviating financial constraints for economically weaker families.

1057+
Educational
Books

1200+
Stationery
Items



Facilitated safe and reliable school transportation for students from Luni, Shekadiya, and Tragadi Bandar. Enabled them to regular school attendance by addressing transportation barriers faced by fisherfolk families in coastal locations. This facilities have extend the student safety, punctuality, and continuity of education, especially for children from remote settlements. This facilities has also reduced the financial and logistical burden on families, supporting their children's access to education.



97 Students
Beneficiated



Sustainable Livelihood & Women Empowerment

Skill Development & Awareness

The initiative focuses on counseling and facilitating access to technical education (ITI and diploma courses), along with organizing parent-student interactions to promote higher education, especially for girls among the fisher community.



Necessary electricity equipment / parts i.e earthing kits, ELCBs, switch board sets, etc. have been provided and installed at fisherman community area of Tragdi village. This activities have included the necessary submission of form for registration, test reports to PGVCL, etc. to facilitated with electricity.

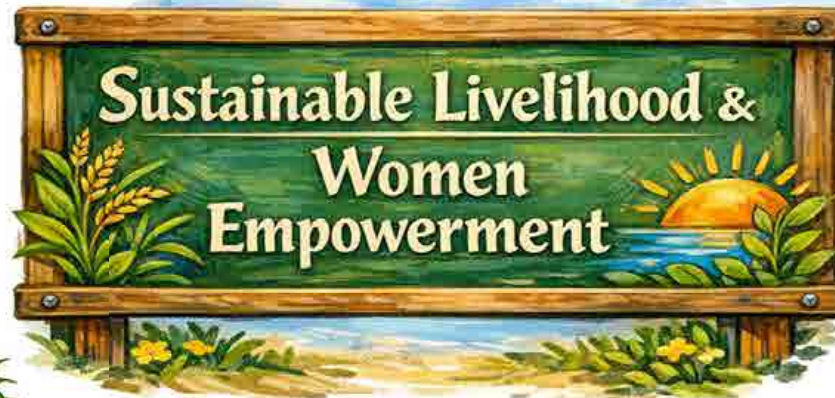


Animal husbandry & Infrastructure

Fodder support initiatives in water-stressed areas play a critical role in safeguarding livestock health by addressing feed shortages during drought conditions. Such interventions help stabilize milk production, reduce livestock mortality, and strengthen the livelihood security of rural communities.



1,61,000 kg Dry Fodder **3790 Cattle Benefitted** **70,23,938 kg Green Fodder**



Construction / Development of Gaushala Sheds, Floors and Gaman (feeding facilities) at village Zarpara & Deshalpar.

2500+ Cattle Benefitted



100 Acres area cleaned to support local livestock grazing needs

Research, innovation, Marketing



Agri Fair was organized with aims to connect over 2 lakh farmers with modern agricultural technologies, government schemes, and expert guidance, enabling enhanced productivity, sustainable practices, and improved livelihoods.



2,00,000+ Farmer Attendees

Skill Development & Empowerment

SUSTAINABLE LIVELIHOOD & WOMEN EMPOWERMENT

Eco-Green Clube

Swavlamban initiatives fostering the society that all-encompassing and empowering, where individuals achieve dignity and self-reliance through innovative mobility solutions and sustainable livelihood opportunities.

300 Beneficials



This initiatives benefitted to Divyang persons with a strong focus on digital empowerment and skill enhancement. Participants received hands-on training on accessible platforms such as Sugamya Bharat and the Aadithi Chatbot, improving their access to government services and digital resources. In addition, educational kits were distributed to all attendees to support learning and personal development, reinforcing the commitment to inclusion and equal opportunities for persons with disabilities.



Eco Green schools initiatives exemplify how innovation and community collaboration can effectively tackle two critical global challenges: plastic waste and education. By converting waste into an asset, these institutions not only offer essential educational facilities but also foster a sense of environmental stewardship among students. To encourage motivation, students' work has been recognized by MPL through the awarding of certificates and educational prizes at the primary schools of nearby villages



Differently – abled individuals from the nearby villages where assistive and facilitated with livelihood-support items such as cabins, handcarts, sewing machines, and tools to promote self-reliance, self-employment, and improved quality of life.



70 Beneficials



Drip Irrigation

In line with water stewardship policy & promoting sustainable water management in water-stressed regions, farmers were supported to avail drip irrigation systems for efficient resource use and resilient agriculture.



125+
Hector



129
Farmers Beneficials



Support for Fruit Bearing Saplings

Under the Sustainability and Livelihood Support initiative, horticulture saplings were distributed across 16 MPL villages to enhance agricultural productivity and strengthen farmers' income generation. A farmers benefitted through the distribution of saplings like mango, date palm, ber (bor), coconut, and pomegranate. This initiative promotes sustainable farming practices, supports horticulture-based livelihoods and enhances long-term economic resilience within local communities. Each beneficiary farmer received horticulture saplings valued at approximately ₹10,000 to enable large-scale plantation and livelihood enhancement.



169

Farmers Beneficials



55,355
Mango Tree

7,768

Coconut Tree



2,050
Dates Tree



4,337
Pomegranate Tree



Water Conservation infrastructure

Enhanced water resources via pond deepening, tank renovation, Roof top Rainwater Harvesting System (RRWHS) installation, and river cleaning, improving water availability for households, farmers, and livestock across villages.

Renovation of Check Dam & Wall Work at Mamal Sagar, Bhujpur



Renovation of check dams improved water storage, recharge, and availability for agriculture and communities

22500 Cu.m.

Increase water capacity



Pond Development and Deepening work at Mota Kandagra & Zarpara.

Strengthened water infrastructure for agriculture and cattle as this enhances recharge, biodiversity, and local micro-climate. Further, Increased pond storage capacity and groundwater percolation, ensures water availability for livestock and irrigation support.



Rooftop Rainwater Harvesting Systems at Navinal Village.

Collection and utilization of rooftop rainwater reduces dependence on outsources water demand and promotes water conservation.



✓ **25 Numbers**
✓ **250000**
liters of fresh
rainwater conservation.

River and Roadside Cleaning Work.

Cleaning of riverbanks and roadsides to improve hygiene and surroundings that reduced health risks and water contamination.



Bore Recharge Pipe Work at Siracha

Rainwater have been alteration into borewells for aquifer recharge. This helps to reduce groundwater depletion and summer water scarcity.



Renewable energy infrastructure

Adani Foundation has initiated installation of Roof Top Solar System at nearby villages. So far, 882 families have been facilitated at Bhopa Vandh, Dhruh and Nani Khakhar with the facilities. Inverter facilities for Solar system has been provided to regional place of Siracha.



Sanitation infrastructure

Construction of sanitation facilities at schools of Moti Khakhar & Mota Bhadiya village to improve hygiene, privacy and dignity for girl students. This in supporting hygiene and regular school attendance.



Electricity facilities for Fisherfolk Community

Necessary electricity equipment / parts i.e earthing kits, ELCBs, switch board sets, etc. have been provided and installed at fisherman community area of Tragdi village. This activities have included the necessary submission of form for registration, test reports to PGVCL, etc. to facilitated with electricity. Access of electricity improves the quality of life for the fisherfolk community.



Rural area Cleaning work at Tragadi and Tunda Vandh

Rural sanitation and cleaning work improved cleanliness and hygiene in public and residential areas.



Community infrastructure

Renovation of schools, community halls, crematoriums, sports areas, and health facilities strengthened access to education, healthcare, sanitation, and recreation—helping build more resilient rural communities.

Initiatives were undertaken to enhance education quality and foster supportive learning environments through school renovation, digital learning facilities, and student-friendly infrastructure across nearby villages.

Construction of Digital Library-cum-Training Centre at Mota Bhadiya

A Digital Library-cum-Training Centre promote digital literacy, provide access to educational resources, and support skill-based learning for students and youth.



Renovation of High School at Zarapra Village

Renovation works were carried out to upgrade classrooms and supporting infrastructure, improving functionality and the overall learning environment for students.



Community infrastructure

Common Gathering Open Sheds with Floor work at Tragadi, Modhava & Zarpara Villages

A Common Gathering Open Shed plays a vital role in strengthening rural community life by providing a dedicated space for social, cultural, and developmental activities. It serves as a common platform where villagers can come together for meetings, awareness programs, celebrations, and decision-making processes, thereby fostering interaction and a sense of unity. Such infrastructure supports community engagement by enabling collaboration, knowledge sharing, and collective participation in village development initiatives.

10500+
Beneficiaries



Kabbadi Sports Shed & Cricket Ground at village Zarapra & Mota Kandagara



Development of Sports Ground

The development of Kabaddi and Cricket grounds in rural areas significantly contributes to community development by promoting physical fitness, youth engagement, and social cohesion. These grounds provide structured spaces for sports, helping young individuals develop discipline, teamwork, and leadership skills while improving their performance and access to higher-level competitions. They also serve as community hubs for tournaments and social interactions, fostering unity and positive engagement while reducing social issues. Additionally, such infrastructure ensures inclusive access to quality sports facilities, strengthens local talent, and supports the overall physical, mental, and socio-economic development of rural communities.

Community infrastructure

Construction of Gaushala Shed along with Floor & Gaman Work at Deshalpar, Zarpara villages

An infrastructure for Gaushala ensures protection, health, comfort, and productivity of cows while supporting sustainable agriculture and social welfare.

2500+
Cattle Benefitted



Renovation of community gathering (Samajwadi) at Siracha

A community hall is an important space for social, cultural, educational, and community activities. It provides a common place for meetings and public gatherings, thereby supporting unity and overall community development.

2000+
Beneficiaries

Benches for Community at Siracha & Deshalpar

As villages are more than just places of leaving, residents are vibrant communities where memories are made. Among the many silent witnesses to the everyday rhythms of hectic rural life, Benches (Precast) stand firmly – often overlooked, yet ever – present.



Road infrastructures

Development of CC roads, pipe culverts, approach roads, and fishermen settlement infrastructure improved mobility, supported livelihoods, and created more functional community spaces.

Construction of Pipe Culvert with CC Road at Zarapara

Pipe culverts ensure proper drainage, protect roads, and maintain uninterrupted connectivity in rural areas. Further, CC roads provide durable, low-maintenance, and all-weather connectivity, improving rural mobility and livelihoods



Development / Renovation of Approach Road at Tragadi Bandar & Zarpara,

An approach road is not just a transportation facility but a lifeline for fisherman communities and villagers. It enhances economic opportunities, ensures access to essential services, and strengthens resilience against adverse conditions, thereby contributing to sustainable rural development.



Success Story_

Gartrad Saheli Swasahay Juth, a self-help group of ten women from Moti Bhujpur village, stands as a meaningful example of women-led rural empowerment. Led by **President Anusuyaba Jhala**, the group aimed to achieve self-reliance through tailoring and skill-based livelihood activities. Despite having strong skills and regular demand for stitching work, their progress was limited due to the availability of only three sewing machines, which resulted in low and irregular income for the members.



Recognizing the group's potential, MPL extended timely support by providing three sewing machines during Navratri. This intervention significantly boosted the group's production capacity and morale. With improved earnings, the members further reinvested their own savings to purchase two additional sewing machines, increasing the total to eight machines. As a result, each member now earns ₹3,000–₹5,000 per month, and the group has also begun training 15 young girls from the village, thereby creating wider and sustainable livelihood opportunities.

"Today, Gartrad Saheli Swasahay Juth stands as a sustainable livelihood unit empowering rural women with skills, income, and dignity."



Deep Sakhi Self-Help Group of Nani Bhujpur village, consisting of 10 women members, is a strong example of collective effort and women's empowerment. The members shared a common aspiration to start an income-generating activity that could be managed from home. With guidance from the MPL during a group meeting, they explored various livelihood options and decided to take up paper dish and bowl making as a sustainable enterprise.

With continuous handholding support, the group conducted a basic market survey, prepared a production and sales plan, and visited existing paper dish units to gain practical exposure. Recognizing their commitment and readiness, MPL supported the group with a paper dish-making machine, which marked the beginning of their entrepreneurial journey. The group is currently producing paper bowls & Dishes for Food – snacks, earning around ₹1,000 per member per month.

The members aim to increase their income to ₹5,000 per member per month within one year by sourcing better raw materials, improving product quality, and expanding their market reach. Today, the women are confident, financially independent, and proud of their achievements. They express sincere gratitude to the MPL for continuous support and guidance in building a sustainable livelihood.

Jadeja Manharsinh Bhurubha, a progressive farmer from the Deshalpar (Kanthi) remote region of Mudra Taluka, Kutch, owns 4 acres of agricultural land where he actively cultivates Arand (*Ricinus communis*) as a key crop. With the installation of a drip irrigation system on his farm, he has been able to optimize water usage in this water-scarce area, ensuring efficient and timely irrigation directly to the root zone. This intervention has significantly enhanced crop productivity, reduced input costs, and minimized dependency on erratic rainfall.



As a result, his overall agricultural income has improved, contributing to steady financial growth and livelihood security. The increased yield and better quality produce have also enhanced his market returns, enabling him to reinvest in his farm and household needs. This initiative stands as a successful example of how modern irrigation practices can transform agriculture and improve the economic condition of farmers in remote and drought-prone areas like Kutch.

Air Pollution
Controlling
Measures during
Construction phase



Mundra Petrochem Limited has prepared and implemented an Environmental Management Plan for construction phase vide internal documentation no. MG000-HSE-000-BD-7002 Dated 21.03.2024 with incorporating the Air Pollution Controlling Measures during construction activities. The PVC project is on edge of completion for the final detailed engineering and procurement. Simultaneously, construction activities are progressing at the site.



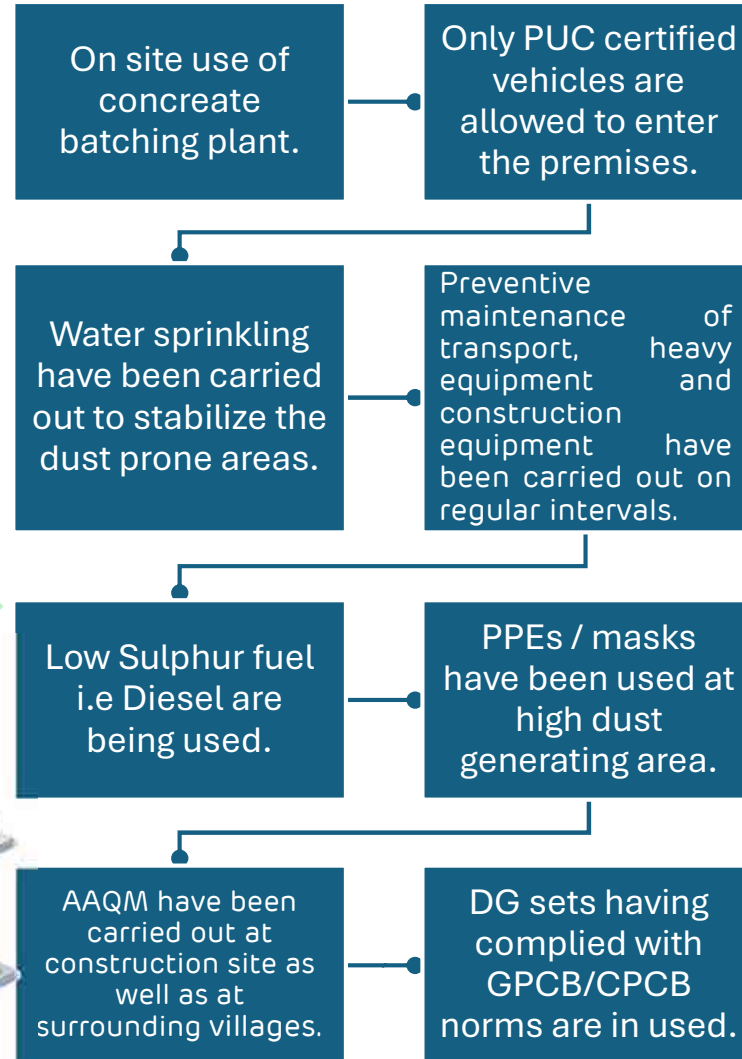
Air Quality

- ❖ Traffic congestion.
- ❖ Increase in ambient air pollution (Increase in levels of NOx, SPM, Dust Hazards. Etc.)
- ❖ Risk Accidents.

Likely Impact



Mitigation Measures



- ✓ The impacts are temporary and limited to short distances, as coarse particles settle close to the construction activities.
- ✓ Water sprinkling activities have been documented.
- ✓ Monthly monitoring has been conducted by an accredited laboratory.
- ✓ Records of DG sets complying with GPCB/CPCB standards have been kept for the respective units/users.

Remark

Likely Impact

Road Traffic due to vehicle movement for transportation of manpower, materials and equipment.

- ❖ Vehicular exhaust and dust emissions on the road.
- ❖ Noise generation
- ❖ Risk involved in transportation activity such as accidents damage to properties etc.



Remark

- ✓ Records of vehicle entries and exits have been consistently maintained.
- ✓ Security systems for vehicle movement are operational, capturing photographs and videos of each vehicle upon entry.



Mitigation Measures

- Only vehicles with valid PUC certification are permitted to enter the premises.
- Vehicle speeds have been limited to specific thresholds to minimize spillage, emissions, and airborne particles.
- Trucks and dumpers are prohibited from idling on the roads.
- Construction materials are delivered in covered batches, secured with tarpaulin sheets.
- Drivers receive regular defensive driving and awareness training.

Photographs





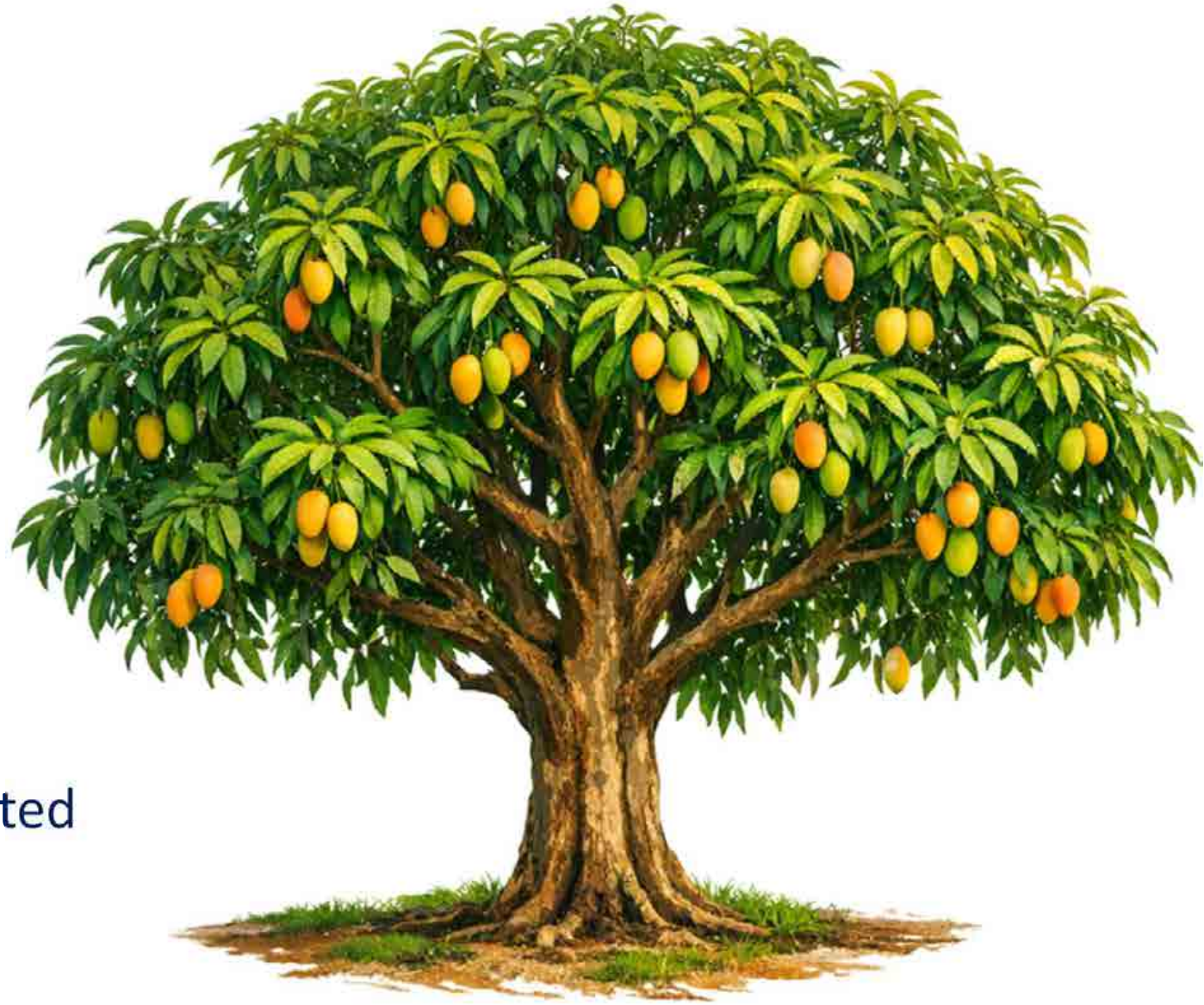
Certificate SL No.	:	GJ01200140150633
Registration No.	:	GJ02Y/155
Date of Registration	:	D1/Feby/2006
Month & Year of Manufacturing	:	February-2005
Valid Mobile Number	:	9999232
Emission Norms	:	BHARAT STAGE II
Fuel	:	DIESEL
PUC Code	:	GJ0120014
CSIN	:	
Fees	:	Rs.150.00
MI observation	:	No

Vehicle Photo with Registration plate
60 mm x 30 mm

Sr. No.	Pollutant (as applicable)	Units (as applicable)	Emission limits	Measured Value (upto 2 decimal places)
1	2	3	4	5
Idling Emissions	Carbon Monoxide (CO)	percentage (%)		
	Hydrocarbon, (THC)/HC	ppm		
High idling emissions	CO	percentage (%)		
	RPM	RPM	2500 ± 200	
	Lambda	--	1 + 0.03	
Smoke Density	Light absorption coefficient	1/metre	2.45	0.26

Tree Plantation Activities

Mundra Petrochem Limited





Planting trees is crucial for improving community well-being and tackling global environmental issues. With urban growth on the rise and climate change becoming more pressing, tree plantation provides both immediate and lasting benefits.

It is vital not only for building healthier, stronger communities but also for fighting climate change through carbon capture. By engaging in carbon sequestration, communities can transform their environmental efforts into economic gains, establishing a sustainable cycle that supports both people and the planet.



Environmental Improvement and balancing life cycles.

Enhancing Public Health and economic advantages.

Controlling soil erosion, maintaining water cycles and providing habitats for wildlife.

Reduced surface heat, lower temperature and offer shades through which minimizing heat related illness.

Improving air quality through absorbing carbon dioxide, filtering air pollutants and producing oxygen.

Community Tree Plantation for the year 2025 – 2026

Scientific Name of Trees	Local Name of Trees
Cordia gharaf (Forsk.) E.&A.	Nana Gunda, Liyar
Pithecellobium dulce (Roxb.) Benth.	Goras Aambali
Moringa oleifera Lam.	Mitho Saragavo
Derris indica (Lam.) Bennet	Karanj
Azadirachta indica A. Juss.	Limbado
Morus alba L.	Setur
Tecomella undulata (Sw.) Seem.	Ragat Rohido
Commiphora wightii (Arn.) Bhandari	Gugal
Dalbergia sissoo Roxb.	Sisam
Zizyphus mauritiana Lam.	Boradi, Mota Bor
Albizia lebbeck (L.) Bth.	Kalo Shirish
Terminalia arjuna (Roxb.) W. & A.	Arjun Sadad
Grewia tiliaefolia Vahl var. tiliaefolia	Falasa
Aegle marmelos (L.) Corr.	Bilipatra
Cassia fistula L.	Garamalo
Cordia dichotoma Forst.	Mota Gunda
Holoptelia integrifolia	Kanaji
Murraya koenigii (L.) Spr.	Mitho Limado
Psidium guajava L.	Jamfal
Syzygium cumini	Jambu
Tamarindus indica L.	Aamali Khati
Butea monosperma (Lam.) Taub.	Kesudo
Manilkara zapota (L.) van Royen	Chikku
Mimusops elengi L.	Borsali
Plumeria rubra L.	Champo
Ficus benghalensis L.	Vad
Ficus religiosa L.	Pipalo
Gmelina arborea L.	Shevan
Bauhinia racemosa Lam.	Aasitro
Ficus racemosa	Umaro
Peltoform	Sonmor
Phoenix Sylvestris & Phoenix dactylifera	Kharek
Coconut/ Cocos Nucifera	Naliyer
Delonix Regia	Gulmahor
Mangifera Indica	Aam
Millingtonia Hortensis	Neem Chameli
Cassia Siamea	Kasid
Adhatoda zeylanica Medic	Aradusi



Village	Location	Numbers of Trees	Area (Acre)	Method used	Survival Rate
Deshalpar	22°55'4.37"N 69°35'19.43"E	2500	10.5	Urban – Block Plantation in a raw	≥99%
Zarpara	22°50'13.38"N 69°37'32.64"E	11700	5	Miyawaki Forest	≥98%
Tunda	22°49'52.11"N 69°32'38.10"E	10000	10	Miyawaki Forest	≥98%
Nani Khakhar	22° 52' 47.19" N, 69° 31' 21.73" E (& around area)	5000	2	Miyawaki Forest	≥98%
Moti Khakhar	22°52'38.48"N 69°33'14.36"E	6000	4	Miyawaki Forest	≥98%
Mota Kandagara	22°51'4.58"N 69°31'54.86"E	6000	4	Miyawaki Forest	≥98%
Fruit bearing trees through Farmers	Mundra & Mandavi Taluka	75048	75	Urban – Block Plantation in a raw	≥98%
Total		116248	110.5		

Local Species of Trees / fruit bearing trees have been selected in consultation with Local Forest Department.

M/s Yash Green as an expert agency have been engaged to execute tree plantation activities followed by two-year maintenance.

Drip-Irrigation System were used at each locations for effective and uninterrupted use of water.

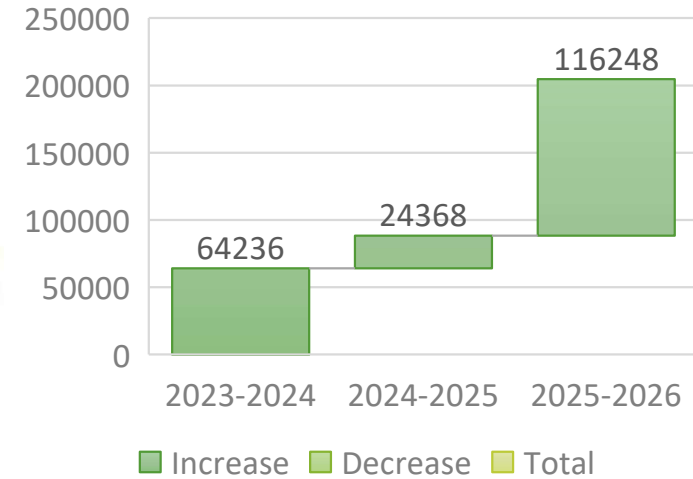


Small amount of Pomegranate sapling have been provided to farmers considering fruit bearing trees and make farmer economically stable.

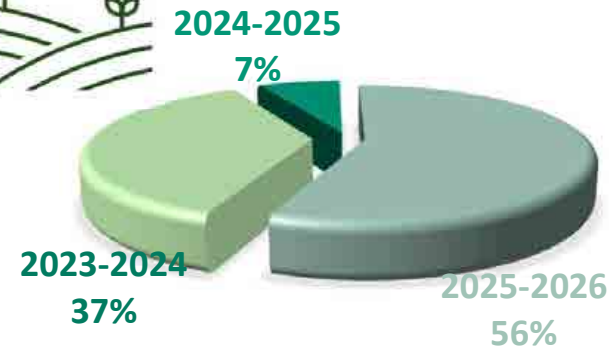
Cumulative Tree Plantation till the end of FY 2025 – 2026

Village	Location	Numbers of Trees	Area (Acre)	Method used	Survival Rate
Navinal	22°50'9.00"N 69°35'25.96"E (8 around area)	1100	15	Urban – Block Plantation in a row	≥99%
Deshalpar	22°55'4.37"N 69°35'19.43"E (8 around area)	12500	15	Urban – Block Plantation in a row	≥99%
Zarpara	22°50'13.38"N 69°37'32.64"E (8 around area)	11700	5	Miyawaki Forest	≥98%
Borana	22° 50' 53.08" N 69° 40' 14.69"E	14000	6	Miyawaki Forest	≥98%
Tunda	22°49'52.11"N 69°32'38.10"E	10000	10	Miyawaki Forest	≥98%
Badiya to Tunda Road	22°49'58.01"N 69°31'21.27"E	300	2	Urban – Block Plantation in a row	≥98%
Nani Khakhar	22° 52' 47.19" N, 69° 31' 21.73" E (8 around area)	15068	8	Miyawaki Forest	≥98%
Moti Khakhar	22°52'38.48"N 69°33'14.36"E	6000	4	Miyawaki Forest	≥98%
Mota Kandagara	22°51'4.58"N 69°31'54.86"E	6000	4	Miyawaki Forest	≥98%
Fruit bearing trees through Farmers	Mundra & Mandavi Taluka	128184	128	Urban – Block Plantation in a row	≥98%
Total		204852	197		

NUMBER OF TREES



AREA (ACRE)



~880 tCO₂e (up to 5 years)

~3743 tCO₂e (for ≥5 years)



CARBON SEQUESTRATION



M/s Manav Seva Trust & M/s Yash Green as an expert agencies have been engaged to execute tree plantation activities followed by two-year maintenance at each locations.



Farmers have been facilitated through fruit-bearing trees to enhance their economic well-being. This creates a win-win scenario—fulfilling farmers' needs while increasing carbon sequestration in the region.

Photographs of Tree plantation activities at community area for the year 2025-2026



Mota Kandagara



Nani Khakhar



Tunda



Photographs of Tree plantation activities at community area for the year 2025-2026



Zarpara



Deshalpar



Plantation through Farmers



Jarpara, Gujarat, India
Rjgg+g4q, Pransala Rd, Jarpara, Gujarat 370405, India
Lat 22.83704° Long 69.625598°
Thursday, 09/10/2025 05:06 PM GMT +05:30



Deshalpar, Gujarat, India
Maadi Rd, Deshalpar, Gujarat 370405, India
Lat 22.91742° Long 69.589171°
Monday, 13/10/2025 02:57 PM GMT +05:30



Jarpara, Gujarat, India
Rjgg+g4q, Pransala Rd, Jarpara, Gujarat 370405, India
Lat 22.837052° Long 69.625736°
Thursday, 09/10/2025 05:06 PM GMT +05:30



Deshalpar, Gujarat, India
Maadi Rd, Deshalpar, Gujarat 370405, India
Lat 22.916649° Long 69.589174°
Monday, 13/10/2025 03:15 PM GMT +05:30



Photographs of Tree plantation activities at community area for the year 2025-2026



Moti Khakhar

Awareness Program on "Ban on Single Use Plastic"



An awareness program about the ban on single-use plastic was organized at government schools and self-help groups at nearby villages, in accordance with the Plastic Waste Management Rules 2016 and its subsequent amendments, which mandated the prohibition of designated single-use plastic items starting from 07/01/2022.

The Awareness Program covers CPCB notifications, prohibited plastic items, issues caused by plastic waste, raising awareness about plastic waste, and the meaning of plastic recycling numbers.

The main goal of the plastic-free initiative is to inspire and educate students, positioning them as changer who can spread awareness and encourage their communities to minimize single-use plastic.

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

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

Implement: Introduce sustainable alternatives to ensure proper disposal and recycling.





Green Schools

Eco clubs focused on raising awareness about the environment, sustainability, wildlife conservation, mangrove preservation, and alternatives to single-use plastics have been established. Through these clubs, 70 schools from nearby villages as well as the Mandavi and Mundra town areas have been included, engaging more than 6,000 students in a variety of awareness activities.

In this spirit, the "No Plastic Drive," which serves as an alternative to single-use plastics at Utthan Schools, has positively influenced students' behavior. As part of this initiative, Eco Clubs were formed to enhance climate change awareness and support the creation of a plastic-free environment.

Choosing to move away from single-use plastics involves adopting eco-friendly alternatives that benefit the environment. To educate others about the dangers of single-use plastics, MPL has organized awareness sessions in schools located in nearby villages.



Students enhance their innovated knowledge for reusable items as they are excellent substitutes such as cloths bags, metal straws, Glass bottles and bamboo cutlery.



In its dedication to sustainability and community welfare, MPL has addressed environmental challenges by installing benches made from recycled plastic at the Deshalpar Girls hostel. This initiative aims to cut down on plastic waste and foster a circular economy, benefiting both society and the environment. The benches provide comfortable seating for hostel residents while supporting eco-friendly practices.





Outcome of Eco-Bricks / Green School initiatives.

Awareness campaigns encouraging the reduction of single-use plastic and the use of eco-friendly alternatives were conducted in partnership with Adani Foundation teams at schools in nearby villages. Through these efforts, Shakhara Devalbai Vachhiya and her team set a world record for the largest group collection of waste plastic bottles, in Kapadvanj, Gujarat, India. Altogether, 51,000 students—including those from Shree Navinal Primary School in Mundra Kutch—gathered 350,000 waste plastic bottles, earning recognition from the Worldwide Book of Records.

adani

O/C

Ref: AEL/MPL/ENV/EC/2022 -September/01

Date: 02/09/2022

To,
Ms. Praveena D.K. (IAS),
Collector & DM,
Collector Office, Jilla Seva Sadan,
Bhuj - Kachchh, 370 001

Subject: Environment Clearance (EC) for proposed Project "VCM-2002 KTPA, PVC-2000 KTPA, Ethylene Glycol- 400 KTPA near village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat by M/s Adani Enterprises Ltd.

Reference: EC Identification No. - EC22A020GJ133762, File No. - IA-J-11011/149/2021-IA-II(I) dated 31/08/2022

Respected Ma'am,

With reference to above subject, this is to inform that Ministry of Environment, Forest and Climate Change has granted Environment Clearance for our project "Industry-II activity i.e. VCM-2002 KTPA, PVC-2000 KTPA, Ethylene Glycol- 400 KTPA (as a part of Proposed Coal to Poly-Vinyl Chloride (PVC) Project of AEL in land notified as Industrial area of APSEZ, Ta-Mundra, Dist-Kachchh, Gujarat, comprising of IND-I projects i.e. Semi Coke-2030 KTPA, Cement-6 MTPA; Clinker-4 MTPA, IND-II projects i.e. VCM- 2002 KTPA, PVC-2000 KTPA, Ethylene Glycol- 400 KTPA and IND-III projects i.e. Acetylene-860 KTPA & Caustic Soda-1310 KTPA) and Calcium Carbide-2900 KTPA (Not Specified in EIA Notification)) by M/s Adani Enterprises Ltd." vide EC Identification No. - EC22A020GJ133762, File No. - IA-J-11011/149/2021-IA-II(I) dated 31/08/2022.

As required under general condition No. B - (vi) of EC, we are submitting herewith copy of Environment Clearance for the said project for your reference, please.

Thanking You.

Yours Faithfully,

Authorized Signatory for Adani Enterprises Ltd.



Praveen Anant (Environment - Head)

Encl: As Above

MS
4/9/22
24/9/22
3/5/21-5/20

Adani Enterprises Ltd
"Adani Corporate House",
Shantigram, Near Vaishno Devi Circle,
S. G. Highway, Khodiyar
Ahmedabad 382 421
Gujarat, India
CIN: L51100GJ1993PLC019067

Tel. + 91 79 2656 5555
Fax + 91 79 2555 5500
info@adani.com
www.adani.com

Registered Office: "Adani Corporate House", Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad - 382421



Copy to:

- 1). **The District Development Officer,**
Jilla Pachayat, Opposite Surmandir
Multiplex,
Bhuj – Kachchh, 370 001
- 2). **The Taluka Development Officer,**
Taluka Panchayat, Mundra
Ta: Mundra Dist: Kachchh, 370 421
- 3). **The General Manager,**
District Industries Center, Near New
Green Hospital, Bhuj – Kachchh, 370 001
- 4). **The Regional Officer,**
Gujarat Pollution Control Board (Kachchh East),
Room no.215,216 & 217, 2nd Floor, Administration
Office Building, Deendayal Port Trust,
Sector – 08, Gandhidham – Kachchh, 370 201

Adani Enterprises Ltd
"Adani Corporate House",
Shantigram, Near Vaishno Devi Circle,
S. G. Highway, Khodiyar
Ahmedabad 382 421
Gujarat, India
CIN: L51100GJ1993PLC019067

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Registered Office: "Adani Corporate House", Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad - 382421



Ref: AEL/MPL/ENV/EC/2022 –September/03

Date: 02/09/2022

To,
The Sarpanch, Shri / Talati Cum Mantri, Shri
Gram Panchayat,
Village: _____
Ta: _____, Dist: Kachchh (List Attached)

Subject: Environment Clearance (EC) for proposed Project "VCM-2002 KTPA, PVC-2000 KTPA, Ethylene Glycol- 400 KTPA near village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat by M/s Adani Enterprises Ltd.

Reference: EC Identification No. - EC22A020GJ133762, File No. - IA-J-11011/149/2021-IA-II(I) dated 31/08/2022

Respected Sir / Ma'am,

With reference to above subject, this is to inform that Ministry of Environment, Forest and Climate Change has granted Environment Clearance for our project "Industry-II activity i.e. VCM-2002 KTPA, PVC-2000 KTPA, Ethylene Glycol- 400 KTPA (as a part of Proposed Coal to Poly-Vinyl Chloride (PVC) Project of AEL in land notified as Industrial area of APSEZ, Ta.-Mundra, Dist-Kachchh, Gujarat, comprising of IND-I projects i.e. Semi Coke-2030 KTPA, Cement-6 MTPA; Clinker-4 MTPA, IND-II projects i.e. VCM- 2002 KTPA, PVC-2000 KTPA, Ethylene Glycol- 400 KTPA and IND-III projects i.e. Acetylene-860 KTPA & Caustic Soda-1310 KTPA) and Calcium Carbide-2900 KTPA (Not Specified in EIA Notification)) by M/s Adani Enterprises Ltd." vide EC Identification No. - EC22A020GJ133762, File No. - IA-J-11011/149/2021-IA-II(I) dated 31/08/2022.

As required under general condition No. B - (vi) of EC, we are submitting herewith copy of Environment Clearance for the said project for your reference, please.

Thanking You,
Yours Faithfully,

Authorized Signatory for Adani Enterprises Ltd.

Praveen Anant (Environment - Head)

Encl: As Above
Copy to:

- 1). **The Taluka Development Officer,**
Taluka Panchayat, Mundra
Ta: Mundra Dist: Kachchh, 370 421

2).

Gujarat Pollution Control Board (Kachchh East),
Room no.215,216 & 217, 2nd Floor, Administration
Office Building, Deendayal Port Trust,
Sector - 08, Gandhidham - Kachchh, 370 201

<Dial 18002666868> <Near Masks, Stay Safe>

RG204034787IN IVR:827320403478
RL MAHEKBAG SO <380015>
Counter No:1,20/10/2022,13:27
To:THE TALUKA ,DEVELOPMENT OFFI
PIN:370421, Mundra SO
From:ADANI ENTER,LTD ADANI HOUSE
Wt:190gms
Amt:70.00(Cash)

<Track on www.indiapost.gov.in>

<Dial 18002666868> <Near Masks, Stay Safe>



Ref: AEL/MPL/ENV/EC/2022 –September/06/01

Date: 02/09/2022

To,
Shri Naran Gadhavi,
President - Kheti Vikas Seva Trust,
Village: Zarpara, Taluka: Mundra,
Dist-Kutch- 370 405

Subject: Environment Clearance (EC) (for Industrial activities pertain to Industry – 2 & 3) of proposed Project "**Coal to Poly-Vinyl Chloride (PVC) Project in land notified as Industrial area of APSEZ near village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat by M/s Adani Enterprises Ltd**". – reg.

Reference: 1. EC Identification No. - EC22A020GJ133762, File No. - IA-J-11011/149/2021-IA-II(I) dated 31/08/2022
2. EC Identification No. - EC22A013GJ127411, File No. - IA-J-11011/149/2021-IA-II(I) dated 31/08/2022

Respected Sir,

With reference to above subject, this is to inform that Ministry of Environment, Forest and Climate Change has granted Environmental Clearance for following Industrial activities pertain to Industry – 2 & 3 of proposed Project "**Coal to Poly-Vinyl Chloride (PVC) Project in land notified as Industrial area of APSEZ near village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat by M/s Adani Enterprises Ltd**".

Sr. no.	Type of Activities	Name of Activities	Details of Environmental Clearance	Enclosed as
1	Industry – 2	VCM– 2002 KTPA, PVC–2000 KTPA, Ethylene Glycol– 400 KTPA	EC Identification No. - EC22A020GJ133762, File No. - IA-J-11011/149/2021-IA-II(I) dated 31/08/2022	Annexure – I
2	Industry – 3	Acetylene–860 KTPA & Caustic Soda–1310 KTPA)	EC Identification No. - EC22A013GJ127411, File No. - IA-J-11011/149/2021-IA-II(I) dated 31/08/2022	Annexure – II

Accordingly, in compliance of general condition no. B(VI) & B(VII) of above refer letter sr. no. 1 & 2 respectively, we are enclosing herewith copies of Environmental Clearances for your reference, please.

Thanking You,
Yours Faithfully,

Authorized Signatory for Adani Enterprises Ltd.

Praveen Anant (Environment - Head)

Encl: As Above

Adani Enterprises Ltd
"Adani Corporate House",
Shantigram, Near Vaishno Devi Circle,
S. G. Highway, Khodiyar
Ahmedabad 382 421
Gujarat, India
CIN: L51100GJ1993PLC019067

Tel. + 91 79 2656 5555
Fax + 91 79 2555 5500
info@adani.com
www.adani.com

Annexure - IX

From: [Vinay Kumar Singh](#)
To: uh-gpcb-kute@gujarat.gov.in
Cc: [ms-gpcb](#); ro-gpcb-kute@gujarat.gov.in; [IRO Gandhinagar](#)
Subject: Environment Statement (Form – V) for the FY 2025 – 26 for the Project “Poly-vinyl Chloride (PVC)” near Village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat by M/s Mundra Petrochem Limited – Reg.
Date: Saturday, May 9, 2026 11:22:17 AM
Attachments: [02. Form V PVC Project 2025-26.pdf](#)

Ref: MPL/ENV/GPCB – Form –V/2026–May/02

Date:08/05/2026

To,

PCB ID:86184

The Unit Head, (Kutch District)
Gujarat Pollution Control Board,
Paryavaran Bhavan, Sector-10A,
Gandhinagar – 382 010
E-mail : uh-gpcb-kute@gujarat.gov.in

Subject: Environment Statement (Form – V) for the FY 2025–26 for the Project “Poly-vinyl Chloride (PVC)” near Village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat by M/s Mundra Petrochem Limited – Reg.

Reference: 1) CTE no. 59301 granted by GPCB vide letter no. GPCB/ (PCB ID: 86184)/ 16246 dated 13/12/2022.
2) Amended CTE letter no. PC/CCA-KUTCH-2104/GPCB ID 86184/738939 Dated 12/04/2023.
3) MPL/ENV/GPCB – Form – V/2025 – May/02 Dated 12/05/2025.

Respected Sir,

With reference to the Consent to Establish issued by GPCB vide above refer letter dated 13/12/2022, amended vide letter dated 12/04/2023 for the project “Poly-vinyl Chloride (PVC)” near Village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat by M/s Mundra Petrochem Limited.

The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site. Enclosed is the soft copy of the Environment Statement (Form – V) for the fiscal year 2025–26 for your reference and record please.

We hope you will find the above in order.

Thanking you,

Vinay Kumar Singh
CSO & BU Environment Head

Encl: As Above

Copy to : 1. Member Secretary, GPCB : ms-gpcb@gujarat.gov.in
2. Regional Office, GPCB (Kutch East): ro-gpcb-kute@gujarat.gov.in
3. Integrated Regional Office, MoEF&CC, Gandhinagar: iro.gandhingr-mefcc@gov.in



Ref: AEL/MPL/ENV/EC/2022 – September/05

Date: 06/09/2022

To,

Shri Shrawan Kumar Verma, IFS (Addl. Charge)

Deputy Director General of Forests (C)

Integrated Regional Office, Gandhinagar,

✓ Ministry of Environment, Forest and Climate Change,
A-Wing-407 & 409, Aranya Bhawan, Near CH-3 Circle,
Sector-10A, Gandhinagar – 382010

एकीकृत क्षेत्रीय कार्यालय, गांधीनगर
Integrated Regional Office, Gandhinagar
पर्यावरण, वन एवं जलवायु परिवर्तन प्रबन्धालय,
Ministry of Environment, Forest & Climate Change,
Govt. of India / भारत सरकार
कक्ष क्र. 407 व 409 ए विंग अरण्या भवन
Room No.407 & 409, A wing Aranya Bhawan
गांधीनगर (गुजरात) / Gandhinagar(Gujarat)

09/09/22

Subject: Environment Clearance (EC) for proposed Project "VCM-2002 KTPA, PVC-2000 KTPA, Ethylene Glycol- 400 KTPA near village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat by M/s Adani Enterprises Ltd.

Reference: EC Identification No. - EC22A020GJ133762, File No. - IA-J-11011/149/2021-IA II(I) dated 31/08/202

Respected Sir,

With reference to above subject, this is to inform that Ministry of Environment Forest and Climate Change has granted Environment Clearance for our project "Industry-II activity i.e. VCM-2002 KTPA, PVC-2000 KTPA, Ethylene Glycol- 400 KTPA (as a part of Proposed Coal to Poly-Vinyl Chloride (PVC) Project of AEL in land notified as Industrial area of APSEZ, Ta-Mundra, Dist-Kachchh, Gujarat, comprising of IND-I projects i.e. Semi Coke- 2030 KTPA, Cement-6 MTPA; Clinker-4 MTPA, IND-II projects i.e. VCM- 2002 KTPA, PVC- 2000 KTPA, Ethylene Glycol- 400 KTPA and IND-III projects i.e. Acetylene-860 KTPA & Caustic Soda-1310 KTPA) and Calcium Carbide-2900 KTPA (Not Specified in EIA Notification)) by M/s Adani Enterprises Ltd." vide EC Identification No. - EC22A020GJ133762, File No. - IA-J-11011/149/2021-IA-II(I) dated 31/08/2022. Copy enclosed as **Annexure - A**.

Accordingly, in compliance of EC condition No. B(ix), we are submitting herewith copies of following News papers (**Annexure - B**) stating "the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB (GPCB) and may also be seen at Website of the Ministry at <https://parivesh.nic.in/> as well as on Company website at <https://adanienterprises.com/-/media/e1f0a2365908404bbf62e8c4d4b83969.ashx>" for your reference, please.

Adani Enterprises Ltd
"Adani Corporate House",
Shantigram, Near Vaishno Devi Circle,
S. G. Highway, Khodiyar
Ahmedabad 382 421
Gujarat, India
CIN: L51100GJ1993PLC019067

Tel. + 91 79 2656 5555
Fax + 91 79 2555 5500
info@adani.com
www.adani.com

Registered Office: "Adani Corporate House", Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad - 382421



Sr. no.	Name of News Paper	Language	Date of Publication
1	Kutch Mitra	Gujarati	05/09/2022
2	Gujarat Samachar	Gujarati	05/09/2022
3	The Times of India	English	05/09/2022

Thanking You.
Yours Faithfully,

Authorized Signatory for Adani Enterprises Ltd,

Praveen Anant (Environment - Head)

Encl: As Above

Copy to:

1). The Member Secretary,

Gujarat Pollution Control Board,
Paryavaran Bhavan,
Sector - 10 A,
Gandhinagar 382 010

2). The Regional Officer,

Gujarat Pollution Control Board
(Kuchchh East),
Room no.215,216 & 217, Second floor,
Administration Office Building,
Gandhidham - Kuchchh, 370 201

Adani Enterprises Ltd
"Adani Corporate House",
Shantigram, Near Vaishno Devi Circle,
S. G. Highway, Khodiyar
Ahmedabad 382 421
Gujarat, India
CIN: L51100GJ1993PLC019067

Tel. + 91 79 2656 5555
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Registered Office: "Adani Corporate House", Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad - 382421

અદાણી એન્ટરપ્રાઇસીસ લિમિટેડ

શાંતિગ્રામ, એસ. જી. હાઈવે, અમદાવાદ - ૩૮૨૪૨૧. (ગુજરાત)

જાહેર નોટિસ

મેં. અદાણી એન્ટરપ્રાઇસીસ લિમિટેડ, APSEZ ઔદ્યોગિક જમીન, વાંદ ઇ ટૂંડા ગામ નજીક, તા: મુન્દ્રા, જી: કચ્છ, ગુજરાત ખાતે પ્રસ્તાવિત "ઇન્ડસ્ટ્રી - ૨ એકટીવીટી જેવીકે વી.સી.એમ - ૨૦૦૨ કે.ટી.પી.એ., પી.વી.સી. - ૨૦૦૦ કે.ટી.પી.એ., ઇથીલીન ગ્લાયકોલ - ૪૦૦ કે.ટી.પી.એ. (જે સૂચિત કોલ ટુ પોલી-વિનાયલ (પી.વી.સી.) પ્રોજેક્ટ ના ભાગ રૂપે મેં. અદાણી એન્ટરપ્રાઇસીસ લિમિટેડ દ્વારા પ્રસ્તાવિત, APSEZ ઔદ્યોગિક જમીન, વાંદ ઇ ટૂંડા ગામ નજીક, તા: મુન્દ્રા, જી: કચ્છ, ગુજરાત, જેમાં ઇન્ડસ્ટ્રી - ૧ પ્રોજેક્ટ - સેમી કોક - ૨૦૩૦ કે.ટી.પી.એ.; સિમેન્ટ - ૬ એમ.ટી.પી.એમ; સ્વિનકર - ૪ એમ.ટી.પી.એમ; ઇન્ડસ્ટ્રી - ૨ પ્રોજેક્ટ - વી.સી.એમ - ૨૦૦૨ કે.ટી.પી.એ., પી.વી.સી. - ૨૦૦૦ કે.ટી.પી.એ., ઇથીલીન ગ્લાયકોલ - ૪૦૦ કે.ટી.પી.એ, અને ઇન્ડસ્ટ્રી - ૩ પ્રોજેક્ટ - એસિટિલિન - ૮૬૦ કે.ટી.પી.એ. અને કોસ્ટિક સોડા - ૧૩૧૦ કે.ટી.પી.એ અને કેલ્સિયમ કાર્બાઇડ - ૨૯૦૦ કે.ટી.પી.એ. (EIA નોટિફિકેશન માં દર્શાવેલ નથી) ના ભાગ રૂપે સમાવેશ થાય છે.)" માટે ની પર્યાવરણીય મંજૂરી મિનિસ્ટ્રી ઓફ એન્વિરોમેન્ટ, ફોરેસ્ટ અને ક્લાઇમેટ ચેન્જ, નવી દિલ્લી ના પત્ર ક્રમાંક : **EC Identification No. - EC22A020GJ133762, File No. - IA-J-11011/149/2021-IA-II(I) dated 31/08/2022** ના રોજ પ્રાપ્ત થયેલ છે. સદરહુ માન્યતા અંગેનો પત્ર ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ ની ઓફિસ માં તેમજ મિનિસ્ટ્રી ઓફ એન્વિરોમેન્ટ, ફોરેસ્ટ અને ક્લાઇમેટ ચેન્જ ની વેબ સાઇટ <https://parivesh.nic.in> પરથી પણ જોઈ શકાશે. તદ્ ઉપરાંત એન્વિરોમેન્ટ કલીયરન્સ ની કોપી કંપનનીની વેબસાઇટ <https://www.adanienterprises.com/-/media/e1f0a2365908404bbf62e8c4d4b83969.ashx> પર પણ જોઈ શકાશે.

sd-

પ્રોદ્યુત માણુ (પ્રોજેક્ટ.હેડ)

મેં. અદાણી એન્ટરપ્રાઇસીસ લિમિટેડ

Adani Enterprises Limited

Shantigram, S.G. Highway, Ahmedabad-382421. (Gujarat)

PUBLIC NOTICE

M/s Adani Enterprises Limited, APSEZ Industrial Land, Near Village Vandh & Tunda, Taluka Mundra, District - Kachchh, Gujarat has been accorded Environmental Clearance (EC) for project "Industry - II activity i.e. VCM - 2002 KTPA, PVC - 2000 KTPA, Ethylene Glycol - 400 KTPA (as a part of Proposed Coal to Poly-Vinyl Chloride (PVC) Project of AEL in land notified as Industrial area of APSEZ, Ta. - Mundra, Dist - Kachchh, Gujarat, comprising of IND - I projects i.e. Semi Coke-2030 KTPA, Cement - 6 MTPA; Clinker - 4 MTPA, IND-II projects i.e. VCM - 2002 KTPA, PVC - 2000 KTPA, Ethylene Glycol - 400 KTPA and IND - III projects i.e. Acetylene - 860 KTPA & Caustic Soda - 1310 KTPA and Calcium Carbide - 2900 KTPA (Not Specified in EIA Notification)) by M/s Adani Enterprises Ltd.* by Ministry of Environment, Forest and Climate Change, Government of India vide **EC Identification No. - EC22A020GJ133762, File No. - IA-J-11011/149/2021-IA-II(I) dated 31/08/2022**. The said clearance letter is available at website of the Ministry of Environment, Forest and Climate Change at <https://parivesh.nic.in> and also available at office of the Gujarat Pollution Control Board (GPCB). Copy of EC is also kept at website of the company at <https://www.adanienterprises.com/-/media/e1f0a2365908404bbf62e8c4d4b83969.ashx>

sd-
Pradyut Maji (Project Head)
M/s Adani Enterprises Limited