Your (Half Yearly Compliance Report) has been Submitted with following details	
Proposal No	IA/GJ/IND/292762/2022
Compliance ID	1248195627
Compliance Number(For Tracking)	EC/M/COMPLIANCE/1248195627/2026
Reporting Year	2026
Reporting Period	01 Dec(01 Apr - 30 Sep)
Submission Date	18-11-2026
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.	

adani

Ref: MPL/ENV/MoEF&CC/2026 – Nov/01 **Date: 18th Nov, 2026**

To,

Shri S.P. Negi, IFS (Addl. Charge)
Deputy Director 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 (April to September 2026) of Environment Clearance (EC) for the project activities "Semi Coke–2030 KTPA, Calcium Carbide–2900 KTPA, Cement–6 MTPA; Clinker–4 MTPA near village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat by M/s Mundra Petrochem Limited.

Reference: 1). EC Identification no EC22A009GJ154137, File no. IA-J-11011/423/2021-IA-II(IND-I) Dated-26/09/2022.
2). F.No.IA-J-11011/423/2021 – IA – II(Ind-I) Dated- 23/12/2022.
3). Compliance ID: 1228257229, Compliance No. EC/M/COMPLIANCE/1228257229/2026, Submission Date: 20/05/2026 for the reporting period October, 2025 – March, 2026.

Respected Sir,

With reference to subject cited above, MoEF&CC, vide the above referred letter dated 26/09/2022, granted Environment Clearance (EC) for the project activities "Semi Coke–2030 KTPA, Calcium Carbide–2900 KTPA, Cement–6 MTPA; Clinker–4 MTPA near village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat by M/s Adani Enterprises Limited".

Subsequently, MoEF&CC, vide letter dated 23/12/2022, transferred the Environment Clearance from M/s Adani Enterprises Limited to M/s Mundra Petrochem Limited.

The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and construction activities underway at site.

In compliance with the conditions stipulated in the Environmental Clearance, we hereby submit the soft copy of the six-monthly EC compliance report for the period April to September, 2026 for your kind 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. Regional Directorates, CPCB, Vadodara : arvindjha.cpcb@nic.in
2. Member Secretory, 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

April – September, 2026

ENVIRONMENTAL CLEARANCE

FOR

The project activities "Semi Coke–2030 KTPA, Calcium Carbide–2900 KTPA, Cement–6 MTPA; Clinker–4 MTPA at Mundra, Kutch Gujarat

EC IDENTIFICATION NO. EC22A009GJ154137 DATED 26/09/2022

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

Mundra Petrochem Limited

Introduction:

Mundra Petrochem Limited (MPL), 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), Emulsion PVC (paste) etc. would be produced at the proposed PVC Project.

For the implementation of this project, several 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) & 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 currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. The Latest progress status of site construction activities is attached as an **Annexure – I**.

Point wise compliance status of Environmental Clearance for Industrial activity-I- Proposed Semi Coke–2030 KTPA, Calcium Carbide–2900 KTPA, Cement–6 MTPA; Clinker–4 MTPA vide EC Identification No: EC22A009GJ154137, File No: IA-J-11011/423/2021-IA-II(IND-I) Date: 26/09/2022 & subsequent EC Transfer vide File no. IA-J-11011/423/2021-IA-II(IND-I) Dated 23/12/2022.

S. No	Conditions	Status
A	**Specific Conditions**	
(i)	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. Project proponent shall abide by all the orders and judicial pronouncements, made from time to time, passed by Hon'ble High Court of Gujarat in PIL No. 36 of 2022.	Noted & agreed with requirement. PIL No. 36 of 2022 was last scheduled for hearing on October, 23rd 2026. Currently, the matter remains pending for listing/hearing. A copy of the latest status as per the Hon'ble High Court of Gujarat is attached as **Annexure – II.** In the first hearing held on 26th April 2022, the Hon'ble court waived notice against AEL due to compliance with all the provisions of the EIA Notification and applicable office memorandums of MoEF&CC.
(ii)	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.	Noted & being complied with requirement. Consent to Establish (CTE) was granted by the Gujarat Pollution Control Board (GPCB) vide order CTE-59301 dated 13/12/2022 and transferred to Mundra Petrochem Limited on 12/04/2023.
(iii)	The project proponent 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.	Noted and being complied with. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. 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. These measures include paving of internal roads and water sprinkling on it along with open area to reduce dust, enforcing speed limits to control

S. No	Conditions	Status
		airborne particulate matter and transporting materials either in bulkers or covered with tarpaulin sheets.
(iv)	The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.	Noted and shall be complied with. Remarks- The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. The best available technologies are being adopted as part of process design aiming for carbon emission reductions. Additionally, community plantation activities are being conducted in nearby villages with the goal of developing carbon sequestration resources. For more information on these plantation activities, please refer to **Annexure – III**. Furthermore, the implementation report on various carbon abatement initiatives being considered in project design and engineering shall be submitted to the IRO, MoEF&CC following the successful commissioning of the project.
(v)	The activities and the action plan proposed by the project proponent to address the issues raised during public hearing and socio-economic issues in the study area shall be completed as per the schedule presented before the Committee and as described in the EIA report in letter and spirit.	Noted and being complied with the requirements. Remarks – The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Best available technologies and EPCM are being considered in the project design for further implementation. An action plan proposed to address the issues raised during the public hearing and the 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 reporting time period i.e April – September, 2026, total CER expenditure on various extended activities for community welfare and eco-development has been amounted to

S. No	Conditions	Status
		INR 333.825 lakhs. Cumulative CER spending till September, 2026 stands at approximately INR 2569.727 lakhs, reflecting in line with progress of the project. The details of CER activities along with expenditures are summarized in the CER report enclosed as **Annexure – IV**.
(vi)	There are many water bodies including Jarpara Lake, Khari River, Nagavanti River, Dhanesri River, Phot River, Gulf of Kuchchh, Baradi Mata Creek, Kotdi Creek, Modhva Coast exists within the project site. A robust Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.	Noted and being complied with. Remarks – The water bodies such as Jarpara Lake, Khari River, Nagavanti River, Dhanesri River, Phot River, Gulf of Kuchchh, Baradi Mata Creek, Kotdi Creek, and Modhva Coast are situated outside the project site. The proposed PVC project is being developed within the APSEZ notified industrial area (SEZ). No natural water courses, including rivers or creeks, traverse pass the industrial land allocated for the project. APSEZ developed the industrial land (SEZ) without altering river courses. Rivers within the SEZ are managed with proper drainage, so no impact on natural flow or soil erosion is expected from the project.
(vii)	As all the natural drainage including the micro drainage flows into the Gulf of Kutch, a drainage conservation plan shall be implemented. An adequate robust Erosion control and Soil Conservation Program (like Storm water diversion; Storm water drains with catch pits to trap run off material; Garland drains; Retention walls; Settling Ponds; Wheel washing arrangement; Silt removal from settling ponds and utilization; Greening & Paving; Excavated soil preservation for landscaping) shall be implemented.	Noted and being complied with. Remarks – The proposed PVC project is being developed within the APSEZ notified industrial area (SEZ). No natural watercourses, including rivers or creeks, traverse pass the industrial land allocated for the project. A robust stormwater drainage system with settling arrangements is being constructed for soil and water conservation. Photographs of the same is enclosed as **Annexure – I**.
(viii)	The Efforts shall be made to achieve power consumption of 70 units/tone of Portland Pozzolona cement (PPC) and 95 units/tone of cement for Ordinary Portland Cement and thermal energy consumption of 670 kcal/Kg of Clinker.	Noted and shall be complied with. Same will be complied with during operational phase. The PVC project is nearing completion of detailed engineering and procurement, with construction underway on site.

S. No	Conditions	Status
(ix)	Most of the transportation of raw material is by road, the distance of which is within 10 km. Project Proponent shall use overhead belt conveyor wherever possible. Action plan shall be prepared and implemented in a time bound manner from the date of issue of Environment Clearance after obtaining requisite statutory permissions from the concerned competent authority.	Noted and shall be complied with. The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Suitable conveying systems, such as overhead belt conveyors and pipeline conveying systems, are considered and implemented wherever feasible as part of the project's infrastructure development during the establishment stage.
(x)	The project proponent shall develop Greenbelt over an area at least 107.14 ha by planting 2,67,600 number of trees in 5 years from the grant of EC. The saplings selected for the plantation should be of sufficient height, preferably 6-ft. In addition to this as committed by the PP, Industry shall deploy a uniform greenbelt of equal width all-round the plant boundary, it will reduce the width of the green belt by 15 to 25 meters on seaward side of the project and will increase the width of the greenbelt on landward side of the project maintaining the total 33% of the greenbelt. The budget earmarked for the plantation shall be ₹75 crore and shall be kept in a separate account and should be audited annually. The PP should annually submit the audited statement along with proof of activities viz. photographs (before & after with geolocation date & time), details of expert agency engaged, details of species planted, number of species planted, survival rate, density of plantation etc. to the Regional Office of MoEF&CC before 1st July of every year for the activities carried out during previous year.	Noted and shall be complied with the requirements. Remark: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. 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 **Annexure – III** with photographs of the plantation activity.
(xi)	The total water requirement for Coal to PVC project will be 222.875 MLD. This will be met by internal recycling of 62 MLD and makeup water of 160.053 MLD from APSEZL Seawater Desalination plant. No groundwater extraction is permitted	Noted and being complied with the requirements. Remarks: The Seawater Desalination Plant presently supplies the water required for construction activities and will remain the

S. No	Conditions	Status
		sole water source during project operations. Groundwater is neither being extracted nor proposed to be extracted in the future.
(xii)	All stockyards shall be having impervious flooring and shall be equipped with water spray system for dust suppression. Stockyards shall also have garland drains to trap the runoff material.	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Adequate dust control measures will be implemented to suppress airborne dust particles and prevent their generation in the stockyard area. In addition, garland drains will be provided to capture runoff materials at the stockyards.
(xiii)	Slip roads shall be provided at the gates and along crossings on main roads. All internal and connecting road to the Highway shall be black topped/ concreted with suitable load in term of Million Standard Axle (MSA) as per IRC guidelines.	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. All internal roads and the road connecting the project site to the highway are being designed and constructed using black-topped and/or cement concrete pavement, with adequate load-bearing capacity as per IRC standards and MSA criteria. The remaining internal roads will be developed following the same specifications once construction activities in the respective areas are completed.
(xiv)	Performance monitoring of pollution control equipment shall be taken up yearly and compliance status in this regard shall be reported to the concerned Regional Office of the MoEF&CC.	Noted and shall be complied with the requirements. Remark: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Regular performance monitoring of pollution control equipment will be carried out during the operational phase to ensure compliance with environmental standards. The compliance status will be reported to the

S. No	Conditions	Status
		concerned Regional Office of the MoEF&CC at the stipulated intervals.
(xv)	Project Proponent shall implement the recommendations of CSIR-CIMFR on the Report which was conducted on validation of technology proposed for Semi-Coke Unit to evaluate all the environmental concerns arising out of the project activities and their conformity to the Indian Standards issued vide G.S.R. 277 (E) dated 31 March 2012 pertaining to Coke -Oven Plant.	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. The CSIR-CIMFR recommendation for the semi coke plant will be implemented during the execution and commissioning of the semi coke unit to comply with the requirements outlined in G.S.R. 277 (E) dated 31st March 2012 related to the Coke-Oven Plant.
(xvi)	Coke Oven Gas shall be desulfurized.	Noted and shall be complied with the requirements during execution/ commissioning of the unit.
(xvii)	Coke oven plant shall be equipped with modified wet quenching system.	Noted and shall be complied with the requirements during execution/ commissioning of the unit.
(xviii)	Dioxin and furans shall be monitored twice a year during co-processing of hazardous waste and report shall be submitted to the Regional Office of the MoEF&CC.	Noted and shall be complied with the requirements after commencement of the operations. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. However, the Dioxin and furans will be monitored twice a year during the coprocessing of hazardous waste (if any), and the report will be submitted to the Regional Office of the MoEF&CC.
(xix)	Project proponent shall develop separate drainage system for storm water and industrial wastewater and effectively prevent the pollution of natural waterbody.	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. The project incorporates a comprehensive drainage system aligned with the Zero Liquid Discharge philosophy, ensuring protection of

S. No	Conditions	Status
		natural water bodies from industrial wastewater. Additionally, independent drainage networks for stormwater and industrial effluents are being established and maintained for effective water management. Photographs of stormwater collecting arrangement is enclosed as **Annexure – I**.
(xx)	Particulate matter emissions from cement mill stacks shall be less than 20 mg/Nm3.	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Adequate APC equipment will be installed to comply with the prescribed emission standards.
(xxi)	Entire wastewater shall be treated and reused for plantation and dust suppression within the premises. Also, STP water shall be reused in plantation with a view to conserve fresh water.	Noted and being complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. The proposed project is on the concept of a Zero Liquid Discharge (ZLD) system to maximize water reuse and reduce dependence on freshwater resources. Treated water will be utilized for gardening, plantation, dust control, cooling water make-up, and other process requirements. Furthermore, treated sewage water from the STP, currently being used for dust suppression & greenbelt development. The same treated sewage water will be reused for horticulture and greenbelt development during the operational phase. Photographs of the water sprinkling are enclosed as **Annexure – V.**
&(xxii)	As committed by the project proponent to adopt the 15 villages, where habitation exists within the study area of the project site, namely Vandh, Tunda, Kandagara, Shiracha, Navinal, Jarpara, Mota Bhadiya, Tragadi, Nana Bhadiya, Nani Khakar, Moti Khakhar, Deshalpar, Moti Bhujpur, Nani	Noted and being complied with the requirements. MPL has continued to strengthen socio-economic across all villages within the project area through CER activities. During the

S. No	Conditions	Status
	Bhujpur and Modhva, Project Proponent shall adopt these villages and prepare and implement a robust plan to develop them into model villages in next 10 years.	reporting time period i.e April – September, 2026, total CER expenditure on various extended activities for community welfare and eco-development has been amounted to INR 333.825 lakhs. Cumulative CER spending up to the September, 2026 stands at approximately INR 2569.727 lakhs, reflecting in line with progress of the project. The details of CER activities with expenditures are summarized in CER report enclosed as **Annexure – IV**.
(xxiii)	Hot air dryer shall not be installed. Flue gases of preheater shall be used to dry the slag/bottom ash.	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Provisions for the recovery and utilization of off-gases and/or flue gases for heating and drying applications, wherever technically feasible, have been incorporated into the design and engineering of the project to enhance energy efficiency and resource conservation.
(xxiv)	DeSOx system shall be provided dry type. NOx level shall be maintained below 600 mg/Nm3 by using best available technology.	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site with consideration of adequate APCM to control the pollutants within the stipulated emission norms.
(xxv)	Petcoke dosing shall be controlled automatically to control SO2 emission from chimney within the prescribed limits.	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site with consideration of adequate APCM to control the pollutants within the stipulated emission norms.

S. No	Conditions	Status
(xxvi)	The PP shall develop a control strategy and mitigation plan that incorporates pollution control measures. The Clean Air practices shall be adopted like mechanical collectors, wet scrubbers, fabric filters (baghouses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation.	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site with consideration of adequate APCM to control the pollutants within the stipulated emission norms.
(xxvii)	Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere. The PP to this effect shall implement a time bound Action Plan, and the compliance shall be submitted to IRO, MoEFCC.	Noted and being complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. A comprehensive dust control program has been implemented, comprising black-topped internal roads, regular water sprinkling on roads and open areas, strict speed control for vehicles, and the transport of materials in covered bulkers or tarpaulin-covered vehicles to reduce fugitive dust emissions. Report with Photographs of the same is enclosed as **Annexure – VIII.** Air Quality Monitoring (AAQM) is also being conducted regularly in both the project site and the surrounding community area.
(xxviii)	A proper action plan must be implemented to dispose of the electronic waste generated in the industry	Noted and shall be complied with the requirements. The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. All electronic waste (as & when generated) shall be handled as per applicable E-Waste (Management) Rules, 2022 and amendment thereafter.
(xxix)	The total quantity of particulate matter generated (kg/month) and the percentage of this captured by pollution control units, must be reported every six months.	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and

S. No	Conditions	Status
		procurement nearing completion and with construction activities underway at site. During the operation stage, a biannual report detailing the total generation of particulate matter and the captured quantity will be submitted to the concerned authority.
(xxx)	The project proponent shall take utmost importance in protecting, conserving, and enhancing the wildlife fauna in areas falling under their operational activities, especially the aquatic/ marine/ estuarine ecosystems. The recommendations of the approved Site-Specific Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.	Noted and being complied with the requirements. Remark: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Activities envisaged under the Wildlife Conservation Plan have been completed. The plan is being periodically reviewed and maintained in consultation with the Forest Department, Kachchh, Bhuj, to ensure its continued effectiveness. Details of the activities undertaken in accordance with the approved site-specific Wildlife Conservation and Management Plan are provided in **Annexure–VI**. A copy of the report is also being submitted to the Regional Office of the MoEF&CC along with the six-monthly compliance report.
(xxxi)	The project proponent shall not disturb the nearby Mangrove Forest and shall take necessary steps to protect, conserve and enhance them.	Noted and being complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. The project places the highest emphasis on safeguarding the nearby mangrove forest through appropriate conservation and protection measures. This priority will be maintained throughout the lifespan of the project, including the operational phase.
(xxxii)	The project proponent shall implement the Disaster/ Risk Management SOPs and protocols, as the Kutch area is prone to periodic cyclone storms. All the recommendations made in the risk assessment report shall be implemented	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and

S. No	Conditions	Status
	and compliance status in this regard shall be furnished to the Regional Office of the MoEF&CC along with the six-monthly compliance report.	procurement nearing completion and with construction activities underway at site. A detailed Hazard and Operability (HAZOP) assessment has been undertaken for all process units of the PVC complex to evaluate potential process deviations, identify hazards and operability issues, assess associated risks, review existing safeguards, and recommend suitable risk mitigation measures. In addition to HAZOP, a comprehensive Risk Assessment of the entire complex has been undertaken by a recognized agency to evaluate potential risks and identify appropriate mitigation measures. The recommendations from these studies are being incorporated into the project's design and execution framework. An Emergency Preparedness Plan and Disaster Management Plan are also being formulated to ensure readiness during operations. Compliance with these plans will be periodically reported to the concerned Regional Office of the MoEF&CC along with the six-monthly compliance submissions.
(xxxiii)	The project proponent shall comply with all the mitigation measures suggested by other divisions of MoEF&CC including Industry-II, Industry-III, Infra-I and also state departments like SPCB in the instant inter-linked Coal to PVC project.	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Mitigation measures recommended by various divisions of MoEF&CC, including Industry-I, Industry-II, Industry-III and GPCB, have been incorporated into project design & engineering for implementation.

S. No	Conditions	Status
(xxxiv)	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines-3/. All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six-monthly compliance report being submitted by the project proponents.	Noted and being complied with the requirements. 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**.
B	**General Conditions**	
I.	**Statutory compliance:**	
(i)	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.	Noted & agreed with requirements.
II.	**Air quality monitoring and preservation**	
(i)	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August,	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and

S. No	Conditions	Status
	2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) and 10th May, 2016 (in case of Co-processing Cement) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants), as amended from time to time), G.S.R 277 (E) dated 31st March 2012 (Coke Oven Plants) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	procurement nearing completion and with construction activities underway at site. Necessary OCEMS/CEMS will be installed for applicable parameters as prescribed in CPCB guidelines. These systems will be connected to SPCB and CPCB servers to enable real-time data transfer 24/7 during the operation phase.
(ii)	The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	Noted and shall be complied with the requirements during operation phase. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Furthermore, ambient air quality monitoring (AAQM) is being carried out at selected locations within the project site and surrounding villages by a third-party NABL accredited laboratory. The results of AAQM are found to be well within the NAAQM standards. The Environment Monitoring Report is enclosed as **Annexure – VIII**.
(iii)	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Moreover, in the construction phase, ambient air quality monitoring is being conducted through an NABL accredited laboratory at appropriate locations. The results of the AAQM are found well within NAAQM

S. No	Conditions	Status
	angle of 120°each), covering upwind and downwind directions.	standards. The environmental monitoring report is attached as **Annexure – VIII**.
(iv)	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality / fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.	Noted and shall be complied with the requirements during operational phase. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Continuous and manual monitoring results of stack emissions and air quality, including fugitive emissions, shall be submitted during the operational phase. Moreover, Ambient air quality monitoring is being conducted through an NABL accredited laboratory at appropriate locations. The results of the AAQM are found well within NAAQM standards. The environmental monitoring report is attached as **Annexure – VIII**.
(v)	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Noted and shall be complied with the requirements during operational phase. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. The appropriate APC system has already been included in design and engineering for stack and fugitive emissions. A range of dust mitigation measures has been implemented, including paving of internal roads, regular water sprinkling on roads and exposed areas, enforcement of speed limits, and transportation of materials in covered bulkers or tarpaulin-covered vehicles to effectively control fugitive dust emissions. A report with photographs is enclosed as **Annexure – V**.
(vi)	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Noted and shall be complied with the requirements during operational phase. Remarks: The PVC project is currently at an advance stage, with detailed engineering and

S. No	Conditions	Status
		procurement nearing completion and with construction activities underway at site. Control measures are being considered in detailed engineering for leakage detection and mechanized bag cleaning facilities to improve maintenance of bags during operations.
(vii)	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.	Noted and shall be complied with the requirements during operational phase. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. The design and engineering of the cement plant include an adequate pollution control system that meets the CREP guidelines established by the CPCB.
(viii)	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Noted and shall be complied with the requirements during operational phase. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site.
(ix)	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash	Noted and being complied with. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Construction activities are in progress with the implementation of dust mitigation measures and appropriate material handling and transportation practices to minimize dust emissions and prevent raw material spillages. Details of APCM is enclosed as **Annexure – V.** Further, to promote clean energy with low pollution, all the coal based boilers have been replaced with Natural gas based fuel. So that there will be no generation of fly ash and pollution level will be very less.
(x)	Provide wind shelter fence and chemical spraying on the raw material stockpiles	Noted and shall be complied with the requirements during operational phase. Remarks: The PVC project is currently at an advance stage, with detailed engineering and

S. No	Conditions	Status
		procurement nearing completion and with construction activities underway at site. Comprehensive control measures are being considered in the detailed engineering phase for subsequent implementation at the site upon commencement of operations.
(xi)	Provide Low NOx burners as primary measures and SCR / NSCR technologies as secondary measure to control NOX emissions.	Noted and shall be complied with the requirements during operational phase.
(xii)	Have separate truck parking area and monitor vehicular emissions at regular interval.	Noted and shall be complied with the requirements. Remark: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. A separate truck parking area is provided, and only vehicles with a valid PUC certificate are permitted to enter the premises. Photographs of the same is enclosed as **Annexure – V.** Additionally, air quality monitoring (AAQM) is conducted at regular intervals to check the air quality levels in designated areas.
(xiii)	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts / railways as a mode of transport	Noted and shall be complied with the requirements during operational phase. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Measures are in place to reduce the adverse impact on the surrounding environment due to the transportation of construction materials. The design and consideration of essential conveyor systems are underway for further implementation at the site to minimize road transportation during the operational phase.

S. No	Conditions	Status
(xiv)	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants.	Noted and shall be complied with the requirements during operational phase.
(xv)	Facilities for spillage collection shall be provided for coal and coke on wharf of coke oven batteries (Chain conveyors, land based industrial vacuum cleaning facility).	Noted and shall be complied with the requirements during operational phase. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Comprehensive spill control and collection strategies are being evaluated/considered throughout the detailed engineering phase to ensure their effective implementation once site operations begin.
(xvi)	Land-based APC system shall be installed to control coke pushing emissions.	Noted and shall be complied with the requirements during operational phase. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. The detailed engineering of the project is being undertaken with due consideration of all necessary control measures to ensure their effective implementation and compliance during the operational phase.
(xvii)	Monitor CO, HC and O2 in flue gases of the coke oven battery to detect combustion efficiency and cross leakages in the combustion chamber.	Noted and shall be complied with the requirements during operational phase.
(xviii)	Vapor absorption system shall be provided in place of vapour compression system for cooling of coke oven gas in case of recovery type coke ovens.	Noted and shall be complied with the requirements during operational phase.
III.	**Water quality monitoring and preservation**	
(i)	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August,	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and

S. No	Conditions	Status
	2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) and 10th May, 2016 (in case of Co-processing Cement) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants), as amended from time to time), G.S.R 277 (E) dated 31st March 2012 (Coke Oven Plants) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	procurement nearing completion and with construction activities underway at site. Required OCEMS/CEMS will be installed for the applicable parameters as prescribed by CPCB guidelines. These systems will be linked to SPCB and CPCB servers to ensure continuous real-time data transfer during the operational phase.
(ii)	The project proponent shall regularly monitor ground water quality at least twice a year (pre and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories	Noted and shall be complied with the requirements during operational phase. Remark: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. The quality of groundwater in the surrounding area has been monitored at designated locations during the pre & post monsoon seasons by NABL accredited laboratories. The report for this monitoring is enclosed as **Annexure – VIII.** Furthermore, at the time of plant operations, groundwater quality in the plant area will be monitored at least twice a year (pre and post-monsoon) at multiple piezometers and sampling wells within the plant and adjacent areas. This monitoring will be conducted through laboratories recognized under the Environment (Protection) Act, 1986, and NABL accredited laboratories.
(iii)	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	Noted & being complied with. At present, a Modular STP with sufficient capacity has been set up for the construction phase, and the latest Environmental

S. No	Conditions	Status
		Monitoring report can be found in **Annexure – VIII.** Sewage Treatment Plants (STPs) for treating domestic effluent during the operational phase will be designed and commissioned at the site before the project's full operations begin.
(iv)	Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off	Noted and shall be complied with the requirements during operational phase. Remark: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. An adequate stormwater Pond / drainage system is being establishing to capture runoff during heavy rains and prevent the contamination of surface water. Photographs of the same is enclosed as **Annexure – I**.
(v)	Water meters shall be provided at the inlet to all unit processes in the cement plant.	Noted and shall be complied with the requirements during operational phase.
(vi)	The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.	Noted and shall be complied with the requirements during operational phase.
(vii)	The project proponent shall provide the ETP for coke oven and by-product to meet the standards prescribed in G.S.R 277 (E) dated 31st March 2012 (Integrated iron & Steel); G.S.R 414 (E) dated 30th May 2008 (Sponge Iron) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) as amended from time to time.	Noted and shall be complied with the requirements during operational phase.
IV.	**Noise monitoring and prevention**	

S. No	Conditions	Status
(i)	Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Noted and being complied with. Remark: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. 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 – VIII**.
(ii)	The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.	Noted and being complied with. Remark: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. 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 – VIII**.
V.	**Energy Conservation measures**	
(i)	Waste heat recovery system shall be provided for kiln and cooler.	Noted and shall be complied with the requirements during operational phase. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site.
(ii)	The project proponent makes efforts to achieve power consumption less than 65 units/ton for Portland Pozzolona Cement (PPC) and 85 units/ton for Ordinary Portland Cement (OPC) production and	Noted and shall be complied with the requirements during operational phase. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site.

S. No	Conditions	Status
	thermal energy consumption of 670 Kcal/Kg of clinker.	
(iii)	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, streetlights, parking around project area and maintain the same regularly	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Additionally, options are being evaluated to increase the use of renewable energy, including the installation of solar panels on building rooftops, and solar lighting systems for common areas, streetlights, and parking areas during the project execution phase wherever feasible.
(iv)	Provide the project proponent for LED lights in their offices and residential areas.	Noted and being complied with the requirements. Remarks: Energy efficiency measures are being integrated into the project design and engineering. High-quality LED lighting equipment will be installed in offices and residential areas.
VI.	**Waste management**	
(i)	Used refractories shall be recycled as far as possible.	Noted and shall be complied with the requirements during operational phase. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Used refractories will be recycled to the greatest extent possible during the operational phase.
VII.	**Green Belt**	
(i)	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the program for reduction of the same including carbon sequestration by trees in the plant premises.	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site.

S. No	Conditions	Status
		GHG emissions inventory shall be maintained for the Coal to PVC complex after commencement of operations and a plan of reduction of GHG emissions will be prepared and monitored for its effectiveness. 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. Further, reduction strategy that incorporates a carbon sequestration scheme through a plantation program after the project's commissioning will also be implemented. In addition, comprehensive tree plantation activities in nearby community villages, including roadside plantations, are being carried out in consultation with the local forest department. A copy of the implementation report is enclosed as **Annexure – III** with photographs of the plantation activity.
(ii)	Project proponent shall submit a study report within six months on De-carbonization program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitorable with defined time frames.	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. The best available technologies are being adopted as part of process design aiming for carbon emission reductions. A comprehensive decarbonization plan will be developed following the completion of final engineering for various processes. An action plan for the same will be prepared, implemented, monitored and the same shall be submitted.

S. No	Conditions	Status
VIII.	**Public hearing and Human health issues**	
(i)	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Noted and being complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at 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. 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.
(ii)	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Additionally, necessary measures are being considered and/or taken to protect workers from heat stress and exposure to high ambient temperatures during summers. In addition, during the operational phase, heat stress monitoring & analysis for workers in high-temperature work zones will be

S. No	Conditions	Status
		conducted. Appropriate personal protective equipment (PPE) will be provided in accordance with relevant standards.
(iii)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Noted and shall be complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Regular health check-ups are being done and fitness reports of workers / employees during construction phase are maintained. Furthermore, once operations commence, routine occupational health monitoring of employees will be implemented, with all records maintained in accordance with established protocols.
IX.	**Environment Management**	
(i)	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed	Noted and is being complied with the requirements. 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. MPL has continued to strengthen socio-economic across all villages within the project area through CER activities. During the reporting period i.e April to September, 2026 total CER expenditure on various extended activities for community welfare and eco-development has been amounted to INR 333.825 lakhs. Cumulative CER spending up to the end of the September, 2026 stands at approximately INR 2569.727 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**.

S. No	Conditions	Status
(ii)	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/ violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Mundra Petrochem Limited (MPL) has following business level environmental policy. The "Environmental Policy" is attached as "**Annexure – IX**."
(iii)	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.	Noted and Being Complied with. The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. 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.
X.	**Miscellaneous**	

S. No	Conditions	Status
(i)	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	The advertisement stating the project has been accorded environmental clearance by MoEF&CC and also displayed on company website was published on following news papers on 30th September, 2022. (i.e within 7 days of grant of Environmental Clearance). 1. Kutch Mitra (Gujarati Language) 2. Gujarat Samachar (Gujarati Language) 3. The Times of India (English Language). Copies of the same have already been submitted to concerned authorities through vide our letter no. AEL/MPL/ENV/MoEF&CC/2022 – September/11 dated 30/09/2022. Copy enclosed as **Annexure – X**."
(ii)	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Copies of the Environmental Clearance letter from our following letter numbers have been submitted to the concerned panchayats (all 15 villages), the Taluka Development Officer (Rural Local Body), the District Development Officer, the District Industries Center, and the local NGO/trust that provided suggestions/representations during the public hearing. 1. AEL/MPL/ENV/MoEF&CC/2022-September/08 Dated 28/09/2022. 2. AEL/MPL/ENV/MoEF&CC/2022-September/09 Dated 28/09/2022. 3. AEL/MPL/ENV/MoEF&CC/2022-September/11 Dated 30/09/2022." Copies of the same is enclosed as **Annexure – XI.**
(iii)	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Six monthly compliance reports of stipulated environment clearance conditions including results of monitored data being uploaded on company's website i.e https://www.adanienterprises.com. A soft copy of the same is also being submitted to concerned authorities. Last six-monthly compliance report for the reporting period October,2025 to March, 2026 was submitted to concerned authorities on 20th May, 2026.

S. No	Conditions	Status
(iv)	The project proponent shall monitor the criteria pollutants level namely, PM_{10}, SO_2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company	Environmental monitoring, including ambient air quality checks, is conducted through a NABL-approved laboratory during the project construction phase. The results are submitted as part of the EC compliance report. A comprehensive environmental monitoring plan, including stack monitoring and sectoral parameters, will be developed during the operational phase. Monitoring results will be displayed at a convenient location and on the company website for public disclosure.
(v)	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Six monthly compliance report on stipulated environmental conditions being uploaded on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal. A soft copy of the same is also being submitted to concerned authorities. Last six-monthly compliance was submitted to concerned authorities on 20th May, 2026.
(vi)	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Being Complied. The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Moreover, Environmental Statement for the year 2025 – 2026 have been submitted to Gujarat Pollution Control Board through vide our letter no. MPL/ENV/GPCB – Form – V/ 2026 – May/02 dated 08/05/2026 well within stipulated time period and same is also available on Company Website i.e https://www.adanienterprises.com. Copy of the submission is enclosed as **Annexure – XII**.
(vii)	The project proponent 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, commencing the land development work and start of production operation by the project.	Noted and complied. The requisite information is being submitted to authorities as part of six-monthly EC compliance report. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site.

S. No	Conditions	Status
		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.
(viii)	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Noted and being complied with the requirements. Remarks: The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. Best available technologies and EPCM are being considered in the project design for further implementation. MPL has systematically initiated Corporate Environmental Responsibility (CER) activities in all villages surrounding the project area, ensuring alignment with project milestones and fulfilling commitments and recommendations specified in the EIA/EMP report, as well as those made during the Public Hearing and subsequent presentations. During the reporting time period i.e April – September, 2026, total CER expenditure on various extended activities for community welfare and eco-development has been amounted to INR 333.825 lakhs. Cumulative CER spending up to the end of the September, 2026 stands at approximately INR 2569.727 lakhs, reflecting in line with progress of the project. The details of CER activities with expenditures are summarized in CER report enclosed as **Annexure – IV**.

S. No	Conditions	Status
(ix)	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the leftover funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public / public domain.	Noted and being complied with the requirements. Remarks - The PVC project is currently at an advance stage, with detailed engineering and procurement nearing completion and with construction activities underway at site. The action plan addressing issues identified during the public hearing, as well as socio-economic concerns within the study area, is being executed concurrently with ongoing project activities at the site. MPL has commenced Corporate Environmental Responsibility (CER) initiatives in all villages adjacent to the project area. During the reporting period i.e April – September, 2026, total CER expenditure on various extended activities for community welfare and eco-development has been amounted to INR 333.825 lakhs. Cumulative CER spending up to the end September, 2026 stands at approximately INR 2569.727 lakhs, reflecting in line with progress of the project. Additionally, the capital cost and annual recurring cost for environmental protection measures will be allocated. Expenditures related to these measures will be separately tracked and reported as part of EC compliance. This information will be made available on the company's website as part of EC compliance reporting. The details of CER activities with expenditures are summarized in CER report enclosed as **Annexure – IV**.
(x)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	Agreed with requirement. 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 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

S. No	Conditions	Status
		(NIPL) in line with the MoEF&CC notification vide reference S.O. 980(E) 2nd March 2021. 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. The Acknowledgement copy from the PARIVESH Portal in respect of No change in production capacity and No increase in pollution load for the project proposal NIPL for Coal to Poly - vinyl Chloride (PVC) complex 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.
(xi)	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Agreed with requirement.

Annexures

Annexure No.	Name
I	Progress Status (Photographs) of Site construction activities.
II	Status of PIL no 36/2022
III	Tree Plantation Activities.
IV	CER Activities.
V	Photographs of Water Sprinkling and APC measures.
VI	Activities as per approved "Wildlife Conservation Plan".
VII	Awareness Program on "Ban on Single use Plastic".
VIII	Environment Monitoring Report.
IX	Environment Policy.
X	Letter for submission of NEWS paper and EC copy to concern authorities.
XI	Letter for Submission of EC copy to Concern Local Authorities.
XII	e-mail copy of submission of Environment Statement – Form – V.

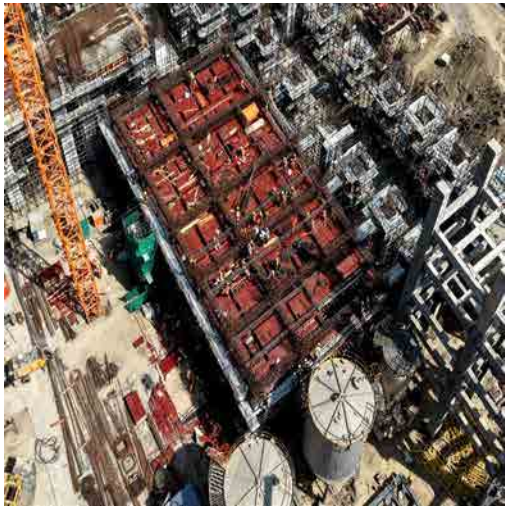
Annexure - I

Project Status

PVC Unit

- Suspending Agent & Utilities Train
- Drying Building Train
- Slurry Stripping Area











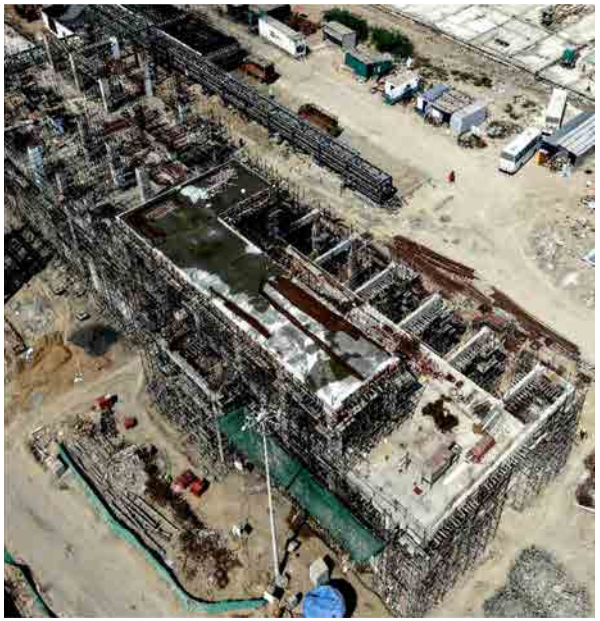


VCM Unit

- Refrigeration Train 1
- Incinerator Area.
- Acetylene Compression & Drying Area

Chlor–Alkali Unit

- HCl Synthesis Unit.
- Electrolysis Building
- HCl Synthesis Unit Train 2













Acetylene Unit

- Filter Press Area.
- LCR Pkt -1B.
- Concentration Tank.

Calcium Carbide Unit

- Semi Coke Dryer.
- Electrode Shell Manufacture Workshop.
- Furnace Workshop













Operating & Utilities Systems

- Main Intake Substation.
- Instrument Air & Plant Air for CaC2
- Substation
- ETP Area
- Storm Water Storage Pond





Annexure - II

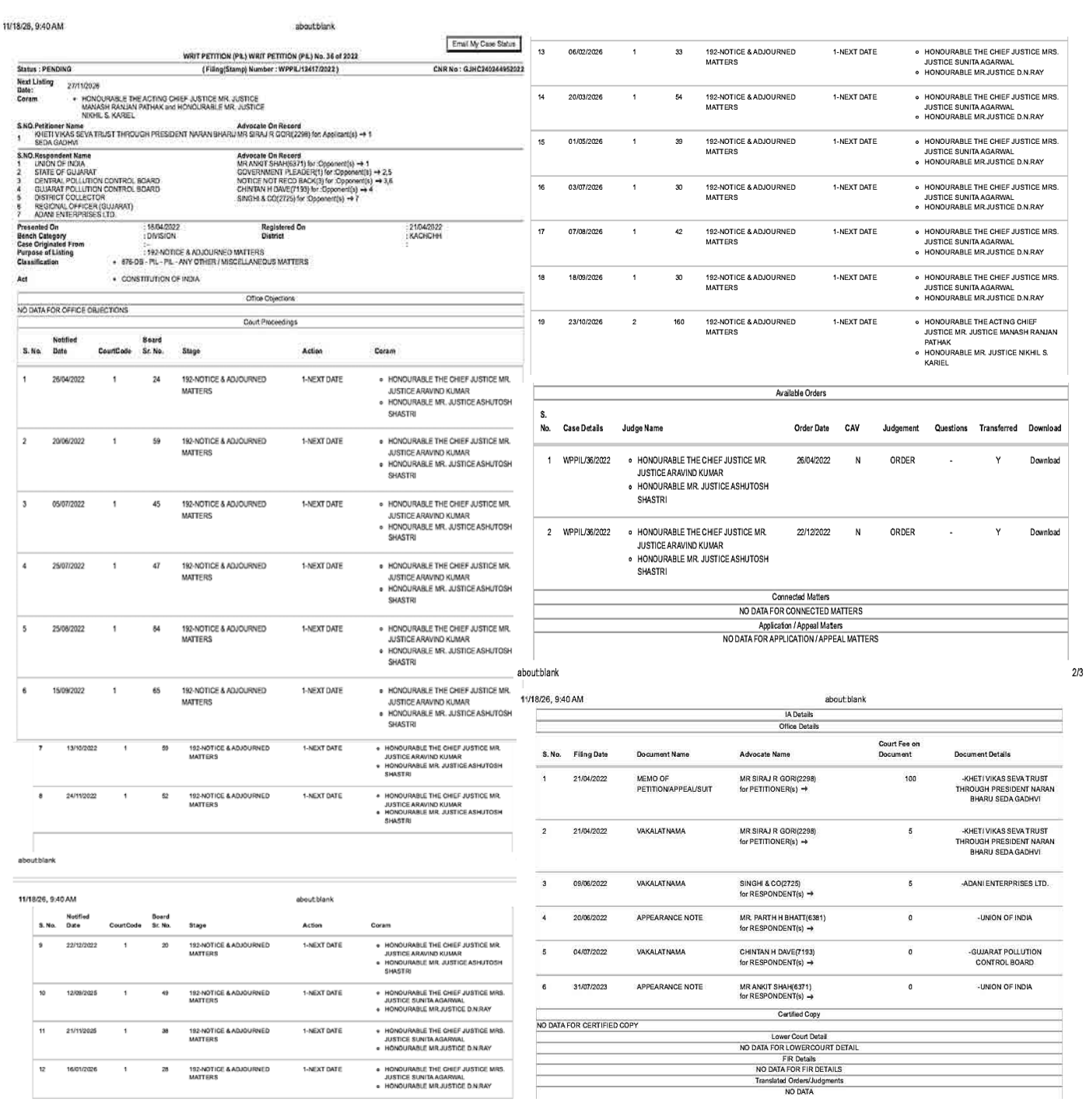
Status of PIL No. 36/2022

- This PIL NO. 36/2022 was filed by the petitioner (the Kheti Vikas Seva Trust) against Union of India (along with 6 respondents where AEL is one of the party) in Hon'ble Gujarat High Court with a prayer to stay the public hearing for the interlinked project of M/s Adani Enterprises Ltd. (Now transferred to Mundra Petrochem Limited) scheduled for 30th April 2022. In the first hearing on the matter held on 26th April 2022, the Hon'ble court waived notice against AEL and did not order any stay to conduct the public hearing on the scheduled date.

- The public hearing was successfully completed by the Gujarat Pollution Control Board (GPCB) on 30th April 2022 with respect to all the provisions of EIA Notification and applicable office memorandums of MoEF&CC. Subsequently, the project was appraised by MoEF&CC and accorded Environmental Clearance (EC) for the above referred PVC project (interlinked project).

- The PIL matter was last posted for hearing on 23rd October, 2026. Presently the matter is still pending for hearing. A copy of the latest update (as on 18th November, 2026)

- Moreover, all processes related to EIA studies & public hearing for grant of Environment clearance complied with all the provisions of EIA Notification and applicable office memorandums of MoEF&CC.



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Email My Case Status

WRIT PETITION (PIL) WRIT PETITION (PIL) No. 36 of 2022

Status : PENDING (Filing[Stamp] Number : WPPIL/12417/2022) CNR No : GJHC240344952022

Next Listing Date: 27/11/2026

Coram: • HONOURABLE THE ACTING CHIEF JUSTICE MR. JUSTICE MANASH RANJAN PATHAK and HONOURABLE MR. JUSTICE NIKHIL S. KARIEL

S.NO.	Petitioner Name	Advocate On Record
1	KHETI VIKAS SEVA TRUST THROUGH PRESIDENT NARAN BHARU SEDA GADHVI	MR SIRAJ R GORI(2298) for Applicant(s) ➙ 1

S.NO.	Respondent Name	Advocate On Record
1	UNION OF INDIA	MR ANKIT SHAH(6371) for :Opponent(s) ➙ 1
2	STATE OF GUJARAT	GOVERNMENT PLEADER(1) for :Opponent(s) ➙ 2,5
3	CENTRAL POLLUTION CONTROL BOARD	NOTICE NOT RECD BACK(3) for :Opponent(s) ➙ 3,6
4	GUJARAT POLLUTION CONTROL BOARD	CHINTAN H DAVE(7193) for :Opponent(s) ➙ 4
5	DISTRICT COLLECTOR	SINGHI & CO(2725) for :Opponent(s) ➙ 7
6	REGIONAL OFFICER (GUJARAT)	
7	ADANI ENTERPRISES LTD.	

Presented On	: 16/04/2022	Registered On	: 21/04/2022
Bench Category	: DIVISION	District	: KACHCHH
Case Originated From	: -		:
Purpose of Listing	: 192-NOTICE & ADJOURNED MATTERS		
Classification	• 876-DB - PIL - PIL - ANY OTHER / MISCELLANEOUS MATTERS		
Act	• CONSTITUTION OF INDIA		

Office Objections

NO DATA FOR OFFICE OBJECTIONS

Court Proceedings

S. No.	Notified Date	CourtCode	Board Sr. No.	Stage	Action	Coram
1	26/04/2022	1	24	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MR. JUSTICE ARAVIND KUMAR • HONOURABLE MR. JUSTICE ASHUTOSH SHASTRI
2	20/06/2022	1	59	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MR. JUSTICE ARAVIND KUMAR • HONOURABLE MR. JUSTICE ASHUTOSH SHASTRI
3	05/07/2022	1	45	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MR. JUSTICE ARAVIND KUMAR • HONOURABLE MR. JUSTICE ASHUTOSH SHASTRI
4	25/07/2022	1	47	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MR. JUSTICE ARAVIND KUMAR • HONOURABLE MR. JUSTICE ASHUTOSH SHASTRI
5	25/08/2022	1	64	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MR. JUSTICE ARAVIND KUMAR • HONOURABLE MR. JUSTICE ASHUTOSH SHASTRI
6	15/09/2022	1	65	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MR. JUSTICE ARAVIND KUMAR • HONOURABLE MR. JUSTICE ASHUTOSH SHASTRI
7	13/10/2022	1	59	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MR. JUSTICE ARAVIND KUMAR • HONOURABLE MR. JUSTICE ASHUTOSH SHASTRI
8	24/11/2022	1	52	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MR. JUSTICE ARAVIND KUMAR • HONOURABLE MR. JUSTICE ASHUTOSH SHASTRI

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S. No.	Notified Date	CourtCode	Board Sr. No.	Stage	Action	Coram
9	22/12/2022	1	20	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MR. JUSTICE ARAVIND KUMAR • HONOURABLE MR. JUSTICE ASHUTOSH SHASTRI
10	12/09/2025	1	49	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MRS. JUSTICE SUNITA AGARWAL • HONOURABLE MR.JUSTICE D.N.RAY
11	21/11/2025	1	38	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MRS. JUSTICE SUNITA AGARWAL • HONOURABLE MR.JUSTICE D.N.RAY
12	16/01/2026	1	28	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MRS. JUSTICE SUNITA AGARWAL • HONOURABLE MR.JUSTICE D.N.RAY
13	06/02/2026	1	33	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MRS. JUSTICE SUNITA AGARWAL • HONOURABLE MR.JUSTICE D.N.RAY
14	20/03/2026	1	54	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MRS. JUSTICE SUNITA AGARWAL • HONOURABLE MR.JUSTICE D.N.RAY
15	01/05/2026	1	39	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MRS. JUSTICE SUNITA AGARWAL • HONOURABLE MR.JUSTICE D.N.RAY
16	03/07/2026	1	30	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MRS. JUSTICE SUNITA AGARWAL • HONOURABLE MR.JUSTICE D.N.RAY
17	07/08/2026	1	42	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MRS. JUSTICE SUNITA AGARWAL • HONOURABLE MR.JUSTICE D.N.RAY
18	18/09/2026	1	30	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE CHIEF JUSTICE MRS. JUSTICE SUNITA AGARWAL • HONOURABLE MR.JUSTICE D.N.RAY
19	23/10/2026	2	160	192-NOTICE & ADJOURNED MATTERS	1-NEXT DATE	• HONOURABLE THE ACTING CHIEF JUSTICE MR. JUSTICE MANASH RANJAN PATHAK • HONOURABLE MR. JUSTICE NIKHIL S. KARIEL

Available Orders

S. No.	Case Details	Judge Name	Order Date	CAV	Judgement	Questions	Transferred	Download
1	WPPIL/36/2022	• HONOURABLE THE CHIEF JUSTICE MR. JUSTICE ARAVIND KUMAR • HONOURABLE MR. JUSTICE ASHUTOSH SHASTRI	26/04/2022	N	ORDER	-	Y	Download
2	WPPIL/36/2022	• HONOURABLE THE CHIEF JUSTICE MR. JUSTICE ARAVIND KUMAR • HONOURABLE MR. JUSTICE ASHUTOSH SHASTRI	22/12/2022	N	ORDER	-	Y	Download

Connected Matters

NO DATA FOR CONNECTED MATTERS

Application / Appeal Maters

NO DATA FOR APPLICATION / APPEAL MATTERS

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IA Details

Office Details

S. No.	Filing Date	Document Name	Advocate Name	Court Fee on Document	Document Details
1	21/04/2022	MEMO OF PETITION/APPEAL/SUIT	MR SIRAJ R GORI(2298) for PETITIONER(s) ➙	100	-KHETI VIKAS SEVA TRUST THROUGH PRESIDENT NARAN BHARU SEDA GADHVI
2	21/04/2022	VAKALATNAMA	MR SIRAJ R GORI(2298) for PETITIONER(s) ➙	5	-KHETI VIKAS SEVA TRUST THROUGH PRESIDENT NARAN BHARU SEDA GADHVI
3	09/06/2022	VAKALATNAMA	SINGHI & CO(2725) for RESPONDENT(s) ➙	5	-ADANI ENTERPRISES LTD.
4	20/06/2022	APPEARANCE NOTE	MR. PARTH H BHATT(6381) for RESPONDENT(s) ➙	0	-UNION OF INDIA
5	04/07/2022	VAKALATNAMA	CHINTAN H DAVE(7193) for RESPONDENT(s) ➙	0	-GUJARAT POLLUTION CONTROL BOARD
6	31/07/2023	APPEARANCE NOTE	MR ANKIT SHAH(6371) for RESPONDENT(s) ➙	0	-UNION OF INDIA

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NO DATA FOR CERTIFIED COPY

Lower Court Detail

NO DATA FOR LOWERCOURT DETAIL

FIR Details

NO DATA FOR FIR DETAILS

Translated Orders/Judgments

NO DATA

Annexure - III

Tree Plantation Activities



Mundra Petrochem Limited

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

Environmental Improvement and balancing life cycles.

Enhancing Public Health and economic advantages.

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.

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.



Community Tree Plantation for April to September 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
Mota Kandagara	22°51'6.818"N 69°31'54.436"E	6660	2	Miyawaki Forest	≥98%
Total		**6660**	**2**		



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

M/s Yash Green & M/s Royal Enterprises 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.

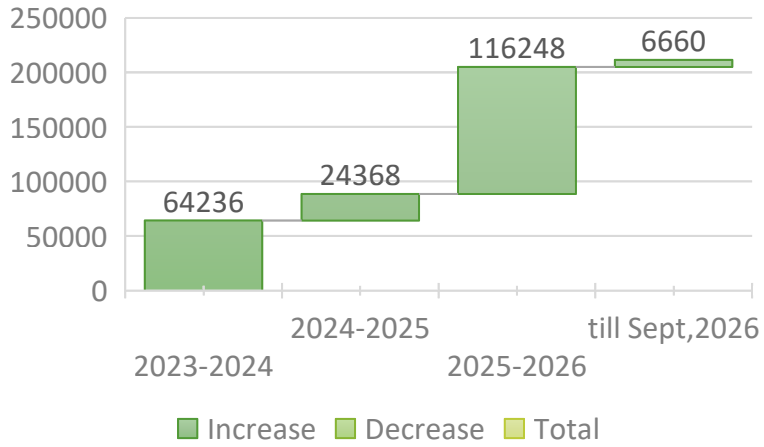


Cumulative Tree Plantation till the September, 2026

Village	Location	Numbers of Trees	Area (Acre)	Method used	Survival Rate
Navinal	22°50'9.00"N 69°35'25.96"E (& around area)	1100	15	Urbon – Block Plantation in a raw	≥99%
Deshalpar	22°55'4.37"N 69°35'19.43"E (& around area)	12500	15	Urbon – Block Plantation in a raw	≥99%
Zarpara	22°50'13.38"N 69°37'32.64"E (& 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	Urbon – Block Plantation in a raw	≥98%
Nani Khakhar	22° 52' 47.19" N, 69° 31' 21.73" E (& 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 (& around area)	12660	6	Miyawaki Forest	≥98%
Fruit bearing trees through Farmers	Mundra & Mandavi Taluka	128184	128	Urbon – Block Plantation in a raw	≥98%
Total		**211512**	**199**		

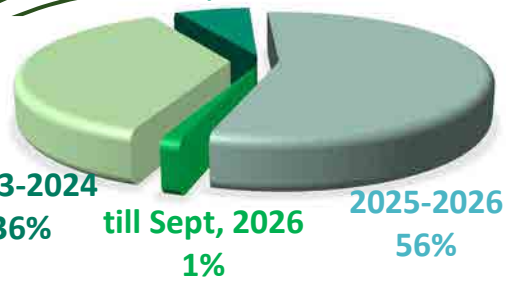


NUMBER OF TREES





AREA (ACRE)



~895 tCO_2e (up to 5 years)

~3770 tCO_2e (for ≥5 years)



CARBON SEQUESTRATION



M/s Manav Seva Trust, M/s Yash Green and M/s Royal Enterprises 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









Mota Kandagara

World Environment Day, 2026 Celebration at Village Tunda.
Tree Plantation activities under "Ek Ped Maa Ke Naam"









Annexure - IV

CORPORATE ENVIRONMENTAL RESPONSIBILITY

APRIL – SEPTEMBER, 2026



MUNDRA PETROCHEM LIMITED

EDUCATIONAL INITIATIVES

Quality education, infrastructure, girl child education awareness

COMMUNITY HEALTH

Medical assistance, health awareness

SUSTAINABLE LIVELIHOOD

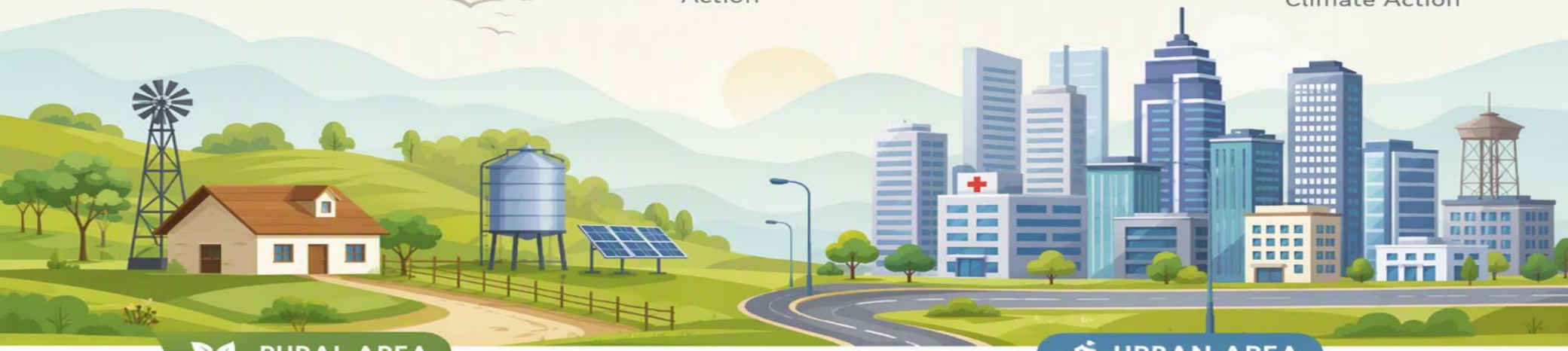
Community to meet their present needs, long term well – being, Climate Action

WOMEN EMPOWERMENT

Sustainable livelihoods, financial empowerment, skill development

RURAL INFRASTRUCTURE

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



RURAL AREA

URBAN AREA

This report outlines the key achievements of Mundra Petrochem Limited (MPL) in its Corporate Environmental Responsibility (CER) efforts from April to September, 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



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



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



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



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



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

1 NO POVERTY

3 GOOD HEALTH AND WELL-BEING

4 QUALITY EDUCATION

6 CLEAN WATER AND SANITATION

8 DECENT WORK AND ECONOMIC GROWTH

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

Linkage with Global Sustainability Goals



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





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





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





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





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





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



Sr. No.	Sector	CER Expenditure (INR) April-Sept, 26	CER Expenditure (INR) Till Sept, 26
1	Educational Initiatives.	4774756	22677502
2	Community Health Initiatives.	10755528	42716637
3	Sustainable Livelihood and women Empowerment.	6314333	64041838
4	Community Rural Infrastructure Development.	10641911	118574733
5	Monitoring & Reporting	896033	8962001
	Total	33382561	256972711
	Approximate INR	**333.825 Lakh**	**2569.727 Lakh**



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
21,328 (37.2%)



Male
38,739 (62.4%)

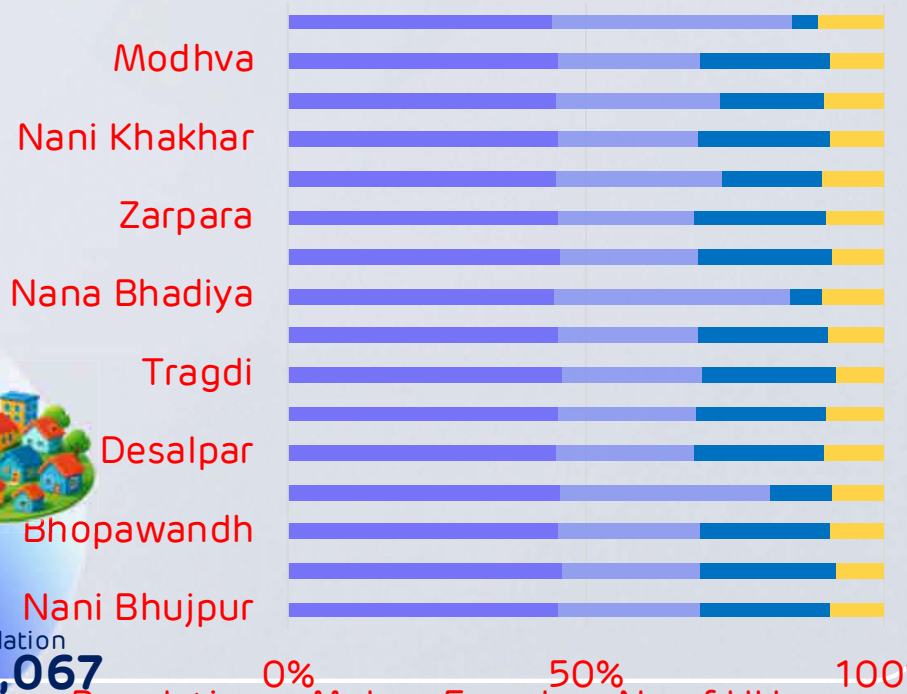


Households
13,182



Total Population
60,067

Demographic details of villages*



As per Census 2011

School needs and infrastructure

Educational kits are highly important for students from fisherfolk communities as they help overcome educational and economic barriers while encouraging continued learning.
Educational kits provide essential items such as books, guidebooks, notebooks, school bags, and stationery, enabling students to access quality education and reduce financial burdens on their families.



~95
Students benefitted



530+
Stationery Items



2000+
Books



Vehicle support for Fisherfolk Students

Vehicle transportation support enables children from fisherfolk communities in coastal villages i.e Zarpara and Modhwa to continue accessing education without interruption. By offering students a safe and dependable way to travel to school, the initiative helps ease difficulties associated with their daily journeys and supports more regular school attendance.





77
Students benefitted





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.



6000+
Students Benefited



35
Schools



Empowering Athletic Excellence



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.

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 Navinal, Modhava

Village: Navinal
250 ltr/hr Capacity
230+ Student Benefited





Village: Modhava
150 ltr/hr Capacity
211+ Student Benefited



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.





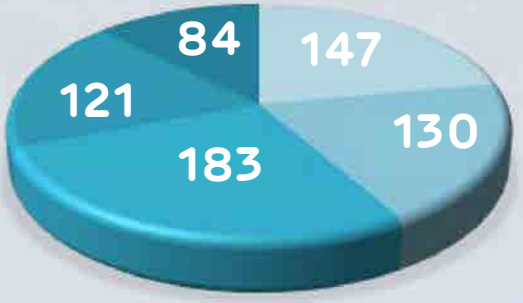
665+
Beneficiaries



4000+
Participant



5 Villages



Nani Khakhar
Moti Khakhar
Mota Kandagara
Shiracha
Tunda

Community Health Camp

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. 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. 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.











Advance Cancer Screening Infrastructure

To enhance access to quality cancer diagnostic services for women by strengthening healthcare infrastructure with advanced screening technology, enabling early detection of breast cancer, timely treatment, and improved health outcomes in the regions, Mundra Petrochem Limited has extended health support through providing Digital Mammography Machine at the Cancer Care unit, GAIMS & G.K.General Hospital, Bhuj.

These will Increased availability of breast cancer screening services for women in Kutch district.

Also, it will Improved opportunities for early diagnosis, leading to better treatment outcomes and reduced health risks.



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.



6636+ Patient Beneficiated

28 Villages

7 Fishing Settlement.

29 Service Stoppages.

During public health emergencies, mobile health care vans can offer a rapid response. They also provide education on hygiene, nutrition, and disease prevention. Alongside better overall health outcomes, their presence can strengthen trust between rural communities and health professionals, encouraging people to engage with health care services more regularly and take a more proactive approach.

COMMUNITY HEALTH

16
Villages

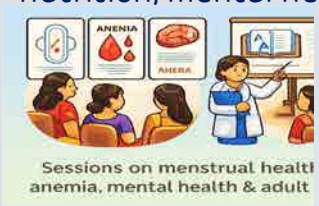
Awareness on Malnutrition and Anaemia



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


Mother Meeting

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



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

11
Villages

1874
Students Reached

1984
Total Beneficiaries



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.



7048+
Benefiting Individuals



7
Villages

Clean Drinking Water Facilities

These facility help improve the quality of locally available water by reducing salinity and dissolved impurities, thereby supporting better health, hygiene, and overall well-being of rural communities of Bhujpur village. Such interventions contribute to sustainable rural development by improving access to essential drinking water infrastructure and enhancing the quality of life of local communities.



Village: Bhujpur **250** ltr/hr Capacity



Women Empowerment

Adani Foundation conducted a series of month-long skill development programs for women and youth as part of its efforts to support women's empowerment and improve livelihoods. Covering traditional crafts, embroidery, tailoring, and other creative arts, the training helped participants develop skills for earning an income, improve their employment prospects, and consider working independently. Through the month-long courses, **participants strengthened their vocational and creative abilities in Mud Work, Dori Work, Mehendi Art, Tailoring (Silai), and Woolen Rangoli**. Alongside encouraging traditional art and handicraft practices, these programs opened opportunities for self-employment and entrepreneurship, including home-based enterprises that could provide a sustainable source of income.









279
Beneficiaries Trained

11
Training Batches Conducted

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.

2000+
Educational Books

530+
Stationery Items



Facilitated safe and reliable school transportation for students from Zarpara and Modhava 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.



95 Students Beneficiated



Skill Development & Awareness

The initiative by Adani Foundation team 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 nearby villages.







Sustainable Livelihood & Women Empowerment

Animal husbandry & Infrastructure

Fodder support initiatives by Adani Foundation in water-stressed areas play a critical role in safeguarding livestock health by addressing feed shortages during drought conditions. in Addition to this, "Gaushala" having adequate facilities offers more comfortable spaces for the Cows at Zarpara village.







Research, innovation, Marketing

15th Agri Fair was organized with aims to connect over 2.5 lakh farmers with modern agricultural technologies, government schemes, and expert guidance, enabling enhanced productivity, sustainable practices, and improved livelihoods.









2,50,000+
Farmer Attendees

SUSTAINABLE LIVELIHOOD & WOMEN EMPOWERMENT

Skill Development & Empowerment

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.

With the goal of enabling tribal families to secure sustainable livelihoods, bolstering their economic independence and enhancing their standard of living through income-generating pursuits,



MPL has distributed Cycle Rickshaws to 17 tribal families under its "ARTHIK UPARJAN" initiative.





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

Eco-Green Clube



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

Water Conservation

In line with water stewardship policy & promoting sustainable water management in water-stressed regions, Regular cleaning and maintenance of percolation wells and Rooftop Rainwater Harvesting System (RRWH) in saline coastal areas are essential to sustain recharge efficiency, prevent clogging, control saline water intrusion, and enhance groundwater quality through dilution for efficient resource use and resilient agriculture.





129

Percolation Wells Cleaned











6660

Trees



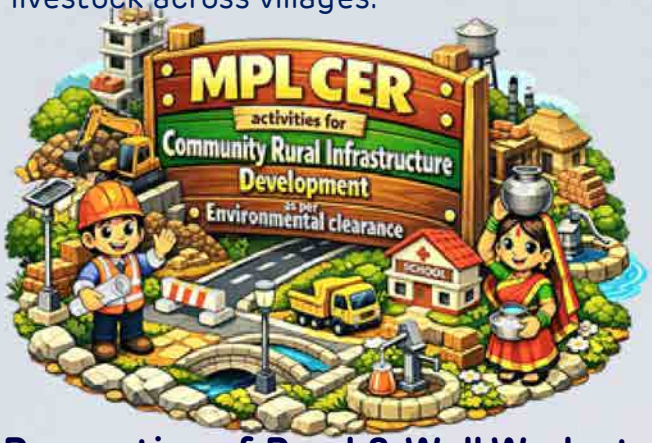


Community Tree Plantation

Under the Sustainability and Livelihood Support initiative, Community Tree plantation have been carried out at Mota Kandagara village.

Water Conservation infrastructure

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



Renovation of Pond & Wall Work at Mota Kandagara.

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





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.



Pipe and Tank repairing work for Rooftop Rainwater Harvesting Systems Villages.

Collection and utilization of rooftop rainwater reduces dependence on outsources water demand and promotes water conservation. MPL has completed work for maintaining the water collecting set-up, as same conserves more rainwater without any leakages.





Sanitation infrastructure



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



Rural area Cleaning work

Pre – Monsoon Cleanliness activities have been accomplished at village **Mota Kandagara, Deshalpar, Zarpara, Siracha and Moti Bhujpur**. Under these waste & other unwanted stuff have been removed. In result, improved cleaned Rural area.



River Cleaning Work.

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









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.



Renovation of Boys Hostel

Renovation of boys' hostel accommodation is an important initiative aimed at providing students with a safe, hygienic, comfortable, and conducive living environment. Improvement of hostel facilities, including rooms, sanitation, drinking water, lighting, ventilation, and other essential amenities, can enhance the overall quality of residential facilities and student well-being.





Benches for Community at nearby villages

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.







Community infrastructure

Development of Sports Complex at Zarpara Village

The development of sports complexes in rural areas plays a significant role in promoting community development by encouraging physical fitness, youth participation, and social cohesion. These facilities provide safe and structured spaces for sports and recreational activities, enabling rural youth to develop discipline, teamwork, leadership, and sporting skills. They also create opportunities for local talent to enhance performance and participate in competitive events at higher levels. In addition, sports complexes serve as community hubs for tournaments and social interaction, strengthening community bonding and encouraging constructive engagement. Such infrastructure improves access to quality sports facilities and contributes to the overall physical, mental, social, and socio-economic well-being of rural communities.





Construction of Gaushala Shed along with Floor & Gaman Work at Zarpara village





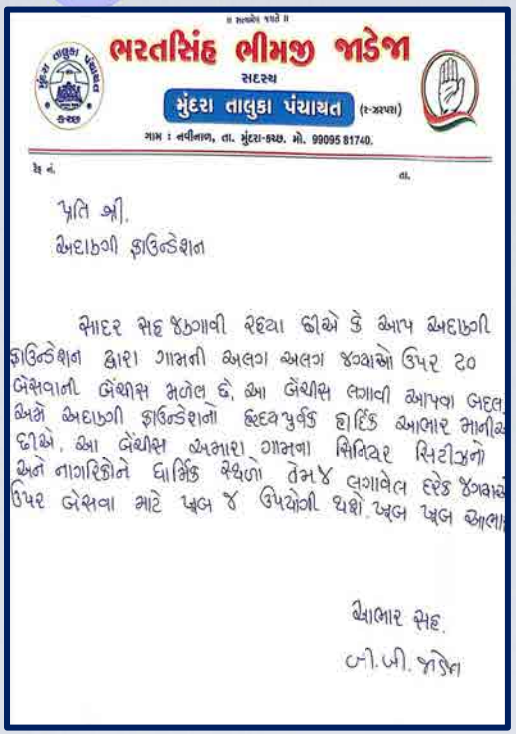
An infrastructure for Gaushala ensures protection, health, comfort, and productivity of cows while supporting sustainable agriculture and social welfare.

1500+

Cattle Benefitted



Appreciations

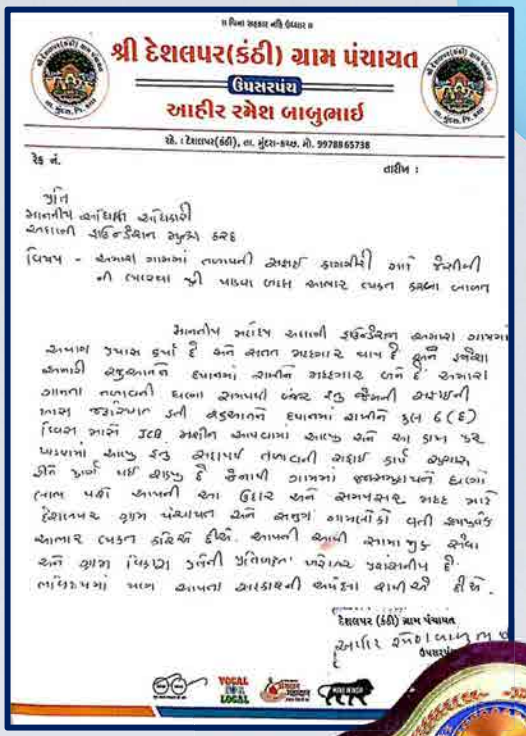


ભરતસિંહ ભીમજી જાડેજા
સદસ્ય
મુંદરા તાલુકા પંચાયત (૨-અપક્ષ)
ગામ : નવીનાળ, તા. મુંદરા-કચ્છ. મો. 99095 81740.

પ્રતિ શ્રી,
અદાણી ફાઉન્ડેશન

માદર સહ જણાવી રહ્યા છીએ કે આપ અદાણી ફાઉન્ડેશન દ્વારા ગામની અલગ અલગ જગ્યાઓ ઉપર ૨૦ બેસવાની બેંચીસ મળેલ છે. આ બેંચીસ લગાવી આપવા બદલ અમો અદાણી ફાઉન્ડેશનો હૃદયપુર્વક હાર્દિક આભાર માનીએ છીએ. આ બેંચીસ અમારા ગામના સિનિયર સિટીઝનો અને નાગરિકોને ધાર્મિક સ્થળો તેમજ લગાવેલ દરેક જગ્યાએ ઉપર બેસવા માટે ખુબ જ ઉપયોગી થશે ખુબ ખુબ આભા

આભાર સહ
જી.જી. જાડેજા



શ્રી દેશલપર(કંઠી) ગ્રામ પંચાયત
ઉપસરપંચ
આહીર રમેશ બાબુભાઈ
રહે. : દેશલપર(કંઠી), તા. મુંદરા-કચ્છ. મો. 9978865738

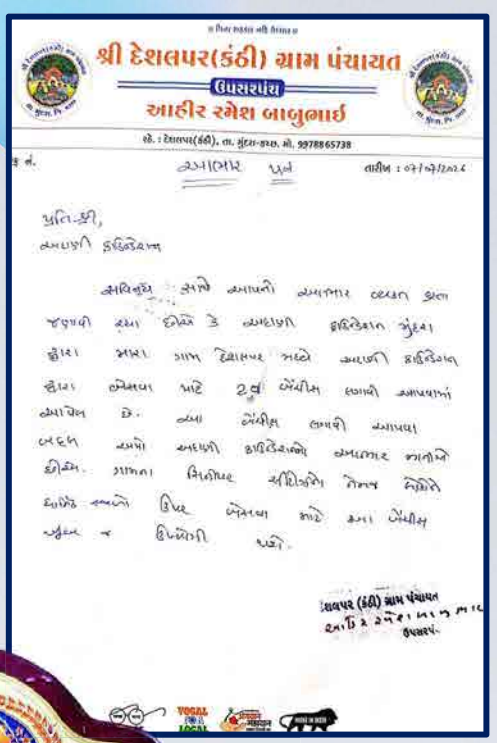
રેફ નં. તારીખ :

પ્રતિ
માનનીય અધિકારીશ્રી
અદાણી ફાઉન્ડેશન મુન્દ્રા કચ્છ

વિષય - અમારા ગામમાં તળાવની આસપાસ કાયમી ગટર બનાવવા બાબત

માનનીય મહોદય આપની ફાઉન્ડેશન અમારા ગામના અમારા ગામના પ્રયાસ કર્યા છે અને સતત સહકાર આપ છો તેમ ઈચ્છીએ અમારી રજુઆતને ધ્યાનમાં લઈને ગટરનું કામ કરી આપવા ગામના તળાવની ઘણા સમયથી ખરાબ રસ્તો કેમની અવરજવર ગામ જગ્યાએ પણ મહુવાતને ધ્યાનમાં લાખીને કુલ ૬ (૬) ત્રિપલ ગટર JCB મશીન ખાપવામા આવ્યુ અને આ કામ પર પ્રકાશમાં આવ્યુ રસ્તો આપવા તળાવની સાઈડ કાચ બનાવ્યા ઈને કાર્ય થઈ શકયુ છે અમારી ગામના જાગરૂકોએ દ્વારા ત્યાંના પણ આપની આ ઉદાર અને સમયસર મદદ માટે દેશલપર ગ્રામ પંચાયત અને સમસ્ત ગામનો વતી હાર્દિક આભાર વ્યકત કરીએ છીએ. આપની આવી સેવા મુક સેવા અને ગ્રામ વિકાસ પ્રત્યેની પ્રતિબદ્ધતા ખરેખર પ્રશંસનીય છે. ભવિષ્યમાં અમને આપના સહકારની અપેક્ષા રાખીએ છીએ.

દેશલપર (કંઠી) ગ્રામ પંચાયત
આહીર રમેશ બાબુભાઈ
ઉપસરપંચ



શ્રી દેશલપર(કંઠી) ગ્રામ પંચાયત
ઉપસરપંચ
આહીર રમેશ બાબુભાઈ
રહે. : દેશલપર(કંઠી), તા. મુંદરા-કચ્છ. મો. 9978865738

આભાર પત્ર
તારીખ : ૦૧/૦૩/૨૦૨૫

પ્રતિ-શ્રી,
અદાણી ફાઉન્ડેશન

સવિનયે સાથે આપની ધ્યાનમાં લાવવા કરવા જણાવવાનું કે અમારા ગામ દેશલપર મધ્યે અદાણી ફાઉન્ડેશન મુંદરા દ્વારા બેસવા માટે ૨૦ બેંચીસ લગાવી આપવામાં આવેલ છે. આ બેંચીસ લગાવી આપવા બદલ અમો અદાણી ફાઉન્ડેશનો હૃદયપુર્વક આભાર માનીએ છીએ. ગામના સિનિયર સીટીઝનો તેમજ સ્કૂલે જતાં બાળકો ઉપર બેસવા માટે આ બેંચીસ ખુબ જ ઉપયોગી થશે.

દેશલપર (કંઠી) ગ્રામ પંચાયત
આહીર રમેશ બાબુભાઈ
ઉપસરપંચ



આભારપત્ર

પ્રતિ
માનનીય અધિકારીશ્રી,
Adani Foundation

વિષય-RO પ્લાન્ટની ભેટ બદલ આભાર વ્યક્ત બાબત.

માનનીયશ્રી,

અમારી શ્રીનવીનાળ પ્રાથમિક શાળાને આપની સંસ્થા દ્વારા સામાજિક જવાબદારી અંતર્ગત RO વોટર પ્લાન્ટની અમૂલ્ય ભેટ આપવામાં આવી છે.આ બદલ સમગ્ર શાળા પરિવાર,શાળા વ્યવસ્થાપન તરફથી હૃદયપૂર્વક આભાર વ્યક્ત કરીએ છે.

સમાજના વિકાસ અને શિક્ષણક્ષેત્રે આપની સંસ્થાનું યોગદાન ખરેખર પ્રશંસનીય છે.આપ દ્વારા આપવામાં આવેલ અમૂલ્ય ભેટનો અમે યોગ્ય જાળવણી સાથે સદુપયોગ કરીશું.

ફરી એકવાર સમગ્ર શાળા પરિવાર તરફથી Adani Foundation નો હૃદયપૂર્વક હાર્દિક આભાર વ્યક્ત કરીએ છીએ.

આપની વિશ્વાસુ,
આચાર્યશ્રી
શ્રી નવીનાળ પ્રાથમિક શાળા
તા-મુન્દ્રા,જિ-કચ્છ



NEWS Coverage

Breaking News | Kutch

અદાણી ફાઉ. દ્વારા મુન્દ્રા તાલુકામાં બાગાયતી ખેતીને પ્રોત્સાહન

6 days ago Kutch Care News



સીઇઆર કાર્યક્રમ હેઠળ સ્થાનિક ખેડૂતોને બાગાયતી રોપાઓની ખરીદી માટે આર્થિક સહાય

મુંદ્રા, ૨૪.૦૪.૨૦૨૬: વિશ્વ પૃથ્વી દિવસની ઉજવણીના ભાગરૂપે અદાણી ફાઉન્ડેશન અને મુન્દ્રા પેટ્રોકેમ લિમિટેડના સહયોગથી મુન્દ્રા તથા આસપાસના વિસ્તારોમાં બાગાયતી ખેતીને પ્રોત્સાહન આપવા માટે પહેલ હાથ ધરવામાં આવી જે અંતર્ગત બાગાયતી રોપાઓનું વાવેતર કરતા ખેડૂતોને આર્થિક સહાય પૂરી પાડવામાં આવી હતી.

અદાણી ફાઉન્ડેશનનું કચ્છમાં વિશાળ સ્તરનું વૃક્ષારોપણ

કુલ ૨૫ અદાણી વન વિકસાવાયા, જેમાંથી ૨૦ ગામ સ્તરે : 'અદાણી વન' હેઠળ કુલ ૧,૫૬,૯૫૨ વૃક્ષોનું વાવેતર અને ઉછેર



લોકભાષા-ભુજ:

વિશ્વ પર્યાવરણ દિવસની ઉજવણી નિમિત્તે, અદાણી ફાઉન્ડેશન દ્વારા પર્યાવરણ સંરક્ષણ, હરિયાળો વિકાસ અને સ્થાયી ભવિષ્ય માટેની પોતાની પ્રતિબદ્ધતાને વધુ મજબૂત બનાવતા, મુન્દ્રા અને આસપાસના ગ્રામ્ય વિસ્તારોમાં વિશાળ સ્તરે વૃક્ષારોપણ અભિયાન સફળતાપૂર્વક અમલમાં મુકાયું છે.

અદાણી ફાઉન્ડેશન દ્વારા શરૂ કરાયેલ "અદાણી વન" પહેલ કચ્છના ગામોમાં પર્યાવરણ પુનઃસ્થાપન અને જૈવિવૈવિધ્ય વધારવાનું મહત્વપૂર્ણ સાધન બની છે. આ પહેલ હેઠળ અત્યાર સુધીમાં કુલ ૨૫ અદાણી વન વિસ્તારો વિકસાવવામાં આવ્યા છે, જેમાંથી ૨૦ અદાણી વન સ્થળો સીધા ગામસ્તરે તૈયાર કરવામાં આવ્યા છે. આ તમામ સ્થળોએ મળી આશરે ૧,૫૬,૯૫૧ વૃક્ષોનું રોપણ કરવામાં આવ્યું છે, જે કુલ ૭૬.૫ એકર જમીનમાં ફેલાયેલ છે. આ પ્રોજેક્ટો દ્વારા માત્ર હરિયાળો વિસ્તાર જ વધ્યો નથી, પરંતુ સ્થાનિક પર્યાવરણનું સંરક્ષણ, માટીની ગુણવત્તામાં સુધારો અને કુદરતી જીવનચક્રને મજબૂતી પણ મળી છે.

"અદાણી વન" પહેલ ગામમાં કુદરતી જંગલ જેવી પરિસ્થિતિ ઉભી કરવામાં મદદરૂપ બને છે, જેમાં વિવિધ પ્રજાતિના વૃક્ષો અને છોડનો સમાવેશ થાય છે. આ દ્વારા વાઈલ્ડ લાઈફ પશુઓ માટે રહેઠાણ, પક્ષીઓ માટે સુરક્ષિત વસવાટ તથા સ્થાનિક હવામાન તાપમાનમાં નિયંત્રણ થાય છે, જે લાંબા ગાળે સ્થાયી પર્યાવરણ માટે ખૂબ જ મહત્વપૂર્ણ છે.

આ ઉપરાંત, અદાણી ફાઉન્ડેશને ગામોમાં આવેલ શાળાઓ, હોસ્પિટલો, સમાજવાડી, મંદિરો અને અન્ય જાહેર સ્થળોએ પણ વિશાળ સ્તરે વૃક્ષારોપણ પ્રવૃત્તિઓ હાથ ધરેલી છે. આ વિભાગ હેઠળ અત્યાર સુધીમાં ૧,૦૮,૭૯૯ વૃક્ષોનું રોપણ કરવામાં આવ્યું છે, જેના પરિણામે સમાજમાં હરિયાળો વિસ્તાર વધારવાની સાથે પર્યાવરણ અંગે જાગૃતિ પણ વધારવામાં સફળતા મળી છે.

આ તમામ પહેલોના સંયુક્ત પરિણામ સ્વરૂપે, અદાણી ફાઉન્ડેશન દ્વારા મુન્દ્રા વિસ્તારમાં કુલ ૨,૬૪,૮૧૭ વૃક્ષોનું રોપણ કરવામાં આવ્યું છે, જે કચ્છના પર્યાવરણ સંરક્ષણ અને હરિયાળો વિકાસ માટે નોંધપાત્ર યોગદાન પુરું પાડે છે.

આગામી વર્ષ ૨૦૨૯-૨૭ માટે, અદાણી ફાઉન્ડેશન વધુ વિસ્તૃત આયોજન તૈયાર કર્યું છે, જેમાં ૮ નવા અદાણી વન વિકસાવવામાં આવશે તેમજ ૪૦,૦૦૦થી વધુ વૃક્ષોનું રોપણ

અનુસંધાન પાના નં. ૭

અદાણી ફાઉન્ડેશને ઝરપરા ગામને આપ્યું આધુનિક વિકાસનું નવું સ્વરૂપ



અત્યાધુનિક ગૌશાળા, શૈક્ષણિક સંકુલ અને સ્પોર્ટ્સ ક્લબનું લોકાર્પણ

અમદાવાદ, તા. ૯: અદાણી ફાઉન્ડેશનના સહયોગથી મુન્દ્રા તાલુકાના ઝરપરા ગામમાં અત્યાધુનિક ગૌશાળા, આઈ શ્રી સોનલ સરસ્વતી વિદ્યામંદિરનું આધુનિક શૈક્ષણિક સંકુલ અને સ્પોર્ટ્સ ક્લબ (કબડી શેડ)નું ભવ્ય લોકાર્પણ કરવામાં આવ્યું હતું. આ પ્રસંગે રક્ષિત શાહ, (એક્ઝિક્યુટિવ ડિરેક્ટર, અદાણી પોર્ટ્સ,) ભરતભાઈ મોદી, ગિરીશ આપા તેમજ અદાણી ફાઉન્ડેશનના સ્ટાફ અને ગામના અગ્રણીઓ તેમજ ગ્રામજનો મોટી સંખ્યામાં ઉપસ્થિત રહ્યા હતા.

અદાણી ફાઉન્ડેશન દ્વારા ગામની જૂની ગૌશાળાનું સંપૂર્ણ પુનઃનિર્માણ કરી અત્યાધુનિક ગૌશાળા તૈયાર કરવામાં આવી છે. હાલમાં અહીં ૭૦૦ ગાયની સંભાળ લેવામાં આવી રહી છે અને ભવિષ્યમાં ૧,૫૦૦થી વધુ ગાયોને આશ્રય આપવાની ક્ષમતા ધરાવે છે.

અદાણી ફાઉન્ડેશન એક મુખ્ય દાતા તરીકે આઈ શ્રી સોનલ સરસ્વતી વિદ્યામંદિરને આધુનિક સ્વરૂપ આપવામાં આવ્યું છે. શાળામાં ૧૪ વિશાળ વર્ગખંડો, સુસજ્જ હોલ અને અન્ય જરૂરી સુવિધાઓનું નિર્માણ કરવામાં આવ્યું છે. વર્તમાનમાં ૧૮૦થી વધુ વિદ્યાર્થીઓ અહીં અભ્યાસ કરી રહ્યા છે અને ભવિષ્યમાં વધુ વિદ્યાર્થીઓને ગુણવત્તાયુક્ત શિક્ષણ મળી શકશે.

ઉપરાંત યુવાનોની પ્રતિભાને વિકસાવવા માટે અદાણી ફાઉન્ડેશન દ્વારા અદ્યતન સ્પોર્ટ્સ ક્લબ અને કબડી શેડનું નિર્માણ કરવામાં આવ્યું છે.

અદાણી પાવર, ગ્રીન અને એનર્જી સોલ્યુશન્સનો આગામી દાયકા સુધી માર્કેટમાં રહેશે દબદબો

અદાણી ગ્રૂપની ત્રણ પાવર આ એનર્જી કંપનીઓ આગામી સમયમાં ભારતના ઊર્જા ક્ષેત્રનાં ચહેરો બદલવા માટે સંપૂર્ણપણે સજ્જ થઈ રહી છે. ગ્લોબલ ઝોકરેજ ફર્મ જેફરી (ઉપરરપશિયત) ના તાજેતરના સંશોધન અહેવાલ અનુસાર, અદાણી પાવર, અદાણી એનર્જી સોલ્યુશન અને અદાણી ગ્રીન એનર્જી-એક્સપાનાન અને મજબૂત પર્ફોર્મન્સ કારણે આગામી દાયકા સુધી માર્કેટમાં પમાકેદાર તેજી લાવવા જઈ રહી છે. દેશમાં ઝડપથી વધી રહેલી વીજળીની માગ વચ્ચે આ ત્રણેય લિસ્ટેડ કંપનીઓ પરંપરાગત થર્મલ પાવર, આધુનિક પાવર ટ્રાન્સમિશન, સ્માર્ટ મીટરિંગ અને વિશાળ ગ્રીન એનર્જી સેક્ટરમાં એક અસાધારણ ઈકોસિસ્ટમ ઊભી કરી રહી છે.

આઈશ્રી સોનલ સરસ્વતી વિદ્યામંદિરને આધુનિક સ્વરૂપ આપવામાં આવ્યું જે શાળામાં ૧૪ વર્ગખંડો, સુસજ્જ હોલ અને અન્ય જરૂરી સુવિધાઓનું નિર્માણ કરવામાં આવ્યું

ઝરપરામાં આધુનિક વિકાસનું નવું સ્વરૂપ : અત્યાધુનિક ગૌશાળા, શૈક્ષણિક સંકુલ અને સ્પોર્ટ્સ ક્લબનું લોકાર્પણ

આસપાસના ગામોના યુવાનોને રમતગમતની શ્રેષ્ઠ તાલીમ મળી શકશે અને તેઓ તાલુકા, જિલ્લા, રાજ્ય તેમજ રાષ્ટ્રીય સ્તરે પોતાની પ્રતિભા દેખાડવા અદ્યતન સ્પોર્ટ્સ ક્લબ અને કબડ્ડી શેડનું નિર્માણ કરવામાં આવ્યું







ઝરપરા

અદાણી ફાઉન્ડેશનના સહયોગથી મુન્દ્રા તાલુકાના ઝરપરા ગામમાં અત્યાધુનિક ગૌશાળા, આઈ શ્રી સોનલ સરસ્વતી વિદ્યામંદિરનું આધુનિક શૈક્ષણિક સંકુલ અને સ્પોર્ટ્સ ક્લબ (કબડી શેડ)નું ભવ્ય લોકાર્પણ કરવામાં આવ્યું. આ પ્રસંગે ગામના લોકોમાં નુશીનો માહોલ જોવા મળ્યો હતો. આ કાર્યક્રમમાં શ્રી રક્ષિત શાહ, એક્ઝિક્યુટિવ ડિરેક્ટર, અદાણી પોર્ટ્સ, શ્રી ભરતભાઈ મોદી, આઈ શ્રી લક્ષ્મી માતાજી, આઈ શ્રી પરમા માતાજી, ગિરીશ આપા સહિત અદાણી ફાઉન્ડેશનના સ્ટાફ અને ગામના અગ્રણીઓ તેમજ ગ્રામજનો મોટી સંખ્યામાં ઉપસ્થિત રહ્યા હતા.

ગ્રામ્ય વિકાસનું ઉત્તમ ઉદાહરણ આપતા આ પ્રોગ્રામ હેઠળ અદાણી ફાઉન્ડેશન કચ્છ જિલ્લાના ગ્રામીણ તેમજ શહેરી વિસ્તારોમાં શિક્ષણ, આરોગ્ય, આજીવિકા, સ્વચ્છતા અને પશુપાલન જેવા અનેક ક્ષેત્રોમાં સતત કાર્યરત છે. ઝરપરા ગામમાં કરવામાં આવેલા આ વિકાસ કાર્યો તેના આ સતત પ્રયાસોનું પરિણામ છે.

અદાણી ફાઉન્ડેશન દ્વારા ગામની જૂની ગૌશાળાનું સંપૂર્ણ પુનઃનિર્માણ કરી અત્યાધુનિક ગૌશાળા તૈયાર કરવામાં આવી છે. હાલમાં અહીં ૭૦૦ ગાયોની સંભાળ લેવામાં આવી રહી છે અને ભવિષ્યમાં ૧,૫૦૦થી વધુ ગાયોને આશ્રય આપવાની ક્ષમતા ધરાવે છે. ગૌશાળામાં શુદ્ધ પીવાના પાણી, વિશાળ અને સ્વચ્છ આવાસ તેમજ આધુનિક પશુપાલન વ્યવસ્થા ઉભી કરવામાં આવી છે.

અદાણી ફાઉન્ડેશન એક મુખ્ય દાતા તરીકે આઈ શ્રી સોનલ સરસ્વતી વિદ્યામંદિરને આધુનિક સ્વરૂપ આપવામાં આવ્યું છે. શાળામાં ૧૪ વિશાળ વર્ગખંડો, સુસજ્જ હોલ અને અન્ય જરૂરી સુવિધાઓનું નિર્માણ કરવામાં આવ્યું છે. વર્તમાનમાં ૧૮૦થી વધુ વિદ્યાર્થીઓ અહીં અભ્યાસ કરી રહ્યા છે અને ભવિષ્યમાં વધુ વિદ્યાર્થીઓને ગુણવત્તાયુક્ત શિક્ષણ મળી શકશે. ઉપરાંત યુવાનોની પ્રતિભાને વિકસાવવા માટે અદાણી ફાઉન્ડેશન દ્વારા અદ્યતન સ્પોર્ટ્સ ક્લબ અને કબડી શેડનું નિર્માણ કરવામાં આવ્યું છે. આ સુવિધાથી ઝરપરા તેમજ આસપાસના ગામોના યુવાનોને રમતગમતની શ્રેષ્ઠ તાલીમ મળી શકશે અને તેઓ તાલુકા, જિલ્લા, રાજ્ય તેમજ રાષ્ટ્રીય સ્તરે પોતાની પ્રતિભા દેખાડી શકશે.

આ પ્રસંગે શ્રી રક્ષિત શાહે જણાવ્યું કે, ઝરપરા ગામને વિકાસનું આદર્શ મોડેલ બનાવવાનો અમારો સંકલ્પ છે. વિદ્યાર્થીઓને અપીલ છે કે એટલું ભણે કે અહીં ની જ કંપનીઓમાં ઉચ્ચ હોદ્દા પર સ્થાન પામે, ભવિષ્યમાં દેશ-વિદેશના લોકો ઉપરાંત આ ગામની વિકાસયાત્રા જોવા આવે તેવા પ્રયાસો કરવામાં આવશે. યુવાનોને વિશેષ અપીલ છે કે તેઓ રમતગમત ક્ષેત્રે મહેનત કરીને ઝરપરા અને કચ્છનું નામ રોશન કરે. વધુમાં તેઓએ જણાવ્યું હતું કે સમાજની જરૂરિયાતોને કેન્દ્રમાં રાખીને કરવામાં આવેલા વિકાસ કાર્યો જ લાંબા ગાળે અસરકારક સાબિત થાય છે. આ પ્રોજેક્ટ્સ દ્વારા અમે ભવિષ્યની પેઢી માટે સશક્ત, આત્મનિર્ભર અને સમૃદ્ધ સમાજનું નિર્માણ કરી રહ્યા છીએ. અદાણી ફાઉન્ડેશન દ્વારા ઝરપરા ગામમાં કરવામાં આવેલા આ વિકાસ કાર્યો ગીસેવા, ગુણવત્તાસભર શિક્ષણ અને યુવા વિકાસના ક્ષેત્રે મહત્વપૂર્ણ પગલું સાબિત થશે અને ગામને પ્રગતિના નવા શિખરો તરફ લઈ જશે.

NEWS Coverage



અદાણી ફાઉને ઝરપરા ગામને આપ્યું આધુનિક વિકાસનું નવું સ્વરૂપ

અત્યાધુનિક ગૌશાળા, શૈક્ષણિક સંકુલ અને સ્પોર્ટ્સ ક્લબનું લોકાર્પણ



આઈશ્રી સોનલ સરસ્વતી વિદ્યામંદિરને આધુનિક સ્વરૂપ આપવામાં આવ્યું જે શાળામાં

ઝરપરા (મુન્દ્રા): અદાણી ફાઉન્ડેશન – ના સહયોગથી મુન્દ્રા તાલુકાના ઝરપરા ગામમાં અત્યાધુનિક ગૌશાળા, આઈ શ્રી સોનલ સરસ્વતી વિદ્યામંદિરનું આધુનિક શૈક્ષણિક સંકુલ અને સ્પોર્ટ્સ ક્લબ (કબડ્ડી કોર્ટ) નું ભવ્ય લોકાર્પણ કરવામાં આવ્યું. આ પ્રસંગે ગામના લોકોમાં ખુશીનો માહોલ જોવા મળ્યો હતો. આ કાર્યક્રમ માં શ્રી રક્ષિત શાહ, એક્ઝિ. ડિરેક્ટર, અદાણી પોર્ટ્સ, શ્રી ભરતભાઈ મોદી, આઈ શ્રી લક્ષ્મી માતાજી, આઈ શ્રી પરમા માતાજી, ગિરીશ આપા સહિત અદાણી ફાઉન્ડેશનના સ્ટાફ અને ગામના અગ્રણીઓ તેમજ ગ્રામજનો મોટી સંખ્યામાં ઉપસ્થિત રહ્યા હતા.

ગ્રામ વિકાસનું ઉત્તમ ઉદાહરણ આપતા આ પ્રોગ્રામ હેઠળ અદાણી ફાઉન્ડેશન કચ્છ જિલ્લાના ગ્રામીણ તેમજ શહેરી વિસ્તારોમાં કાર્યો તેના આ સતત પ્રયાસોનું પરિણામ છે.

અદાણી ફાઉન્ડેશન દ્વારા ગામની જૂની ગૌશાળાનું સંપૂર્ણ પુનઃનિર્માણ કરી અત્યાધુનિક ગૌશાળા તૈયાર કરવામાં આવી છે. હાલમાં અહીં ૭૦૦ ગાયોની સંભાળ લેવામાં આવી રહી છે અને ભવિષ્યમાં ૧,૫૦૦થી વધુ ગાયોને આશ્રય આપવાની ક્ષમતા ધરાવે છે. ગૌશાળા માં શુદ્ધ પીવાના પાણી, વિશાળ અને સ્વચ્છ આવાસ તેમજ આધુનિક પશુપાલન વ્યવસ્થા ઉભી કરવામાં આવી છે.

અદાણી ફાઉન્ડેશન એક મુખ્ય દાતા તરીકે આઈ શ્રી સોનલ સરસ્વતી વિદ્યામંદિરને આધુનિક સ્વરૂપ આપવામાં આવ્યું છે. શાળામાં ૧૪ વિશાળ વર્ગખંડો, સુસજ્જ હોલ અને અન્ય જરૂરી સુવિધાઓનું

કચ્છમિત્ર

કચ્છની કૃષિક્રાંતિ મહેનતકશ ધરતીપુત્રના પુરુષાર્થને આભારી

- કચ્છમિત્ર અને નર્મદા આયોજિત ૧૫મા હાઈટેક કૃષિ મેળાનો પ્રારંભ : પહેલા દિ'એ મેદની ઊમટી
- નવી ટેકનોલોજીનો સમન્વય સાધી પ્રાકૃતિક ખેતી અપનાવવા ખેડૂતોને આહ્વાન
- ચાર દિવસના આયોજનમાં અદાણી ફાઉન્ડેશન, અદાણી પેટ્રોકેમિકલ અને એગ્રોસેલ ઈન્ડસ્ટ્રીઝનો સહયોગ



૧૫મા હાઈટેક કૃષિમેળાનો પ્રારંભ

અત્યાધુનિક ગૌશાળા, શૈક્ષણિક સંકુલ અને સ્પોર્ટ્સ ક્લબનું લોકાર્પણ



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૪૫૦ લાભાર્થીઓએ લાભ લીધો : ડાયાબિટીસ, લિવર સહિતની તપાસ

મોટા ભાડિયા ગામમાં પાંચ દિવસીય મેડિકલ નિદાન સારવાર કેમ્પ યોજાયો

। માંડવી । (સંદેશ બ્યૂરો)

મોટા ભાડિયા ખાતે પ્રાથમિક શાળામાં બિદડા સર્વોદય ટ્રસ્ટ સંચાલિત કે.એમ.પટેલ આરોગ્ય ધામ અને અદાણી ફાઉન્ડેશનનાં સહકારથી પાંચ દિવસીય મેડિકલ નિદાન સારવાર કેમ્પ યોજાયો હતો, જેમાં ૪૫૦ લાભાર્થીઓએ તબીબી સારવારનો લાભ લીધો હતો. પ્રારંભમાં માજીકેભા ગઢવી, ડૉ રામભાઈ ગઢવી, શ્યામ શાસ્ત્રી, સરપંચ થાવરભાઈ, દેસરભાઈ વિંધાણી અને હરધોર ગઢવી હાજર રહ્યા હતા.



સર્વોદય ટ્રસ્ટ પ્રમુખ વિજયભાઈ છેડા, હેમંતભાઈ રાંભિયા, શાંતિભાઈ શાહ, ભરતભાઈ સંગારની હાજરીમાં ડૉ. સુનંદા વસા, ડૉ. મોનિકા ગઢવી, મોહનભાઈ મહેશ્વરી, ભવ્ય અધર્યું, ડૉ. આદેશ મહેશ્વરી, ડૉ. રવિ ભાલાણી, ધનેશ મહેશ્વરી, અંજલિ મોતા, ખુશીબેન ઠક્કર, આશિષ સંજોટ, ઈકબાલ સુમરા, ઉર્વીબેન, પ્રાચીબેન પુનવર, તુસીતાબા જાડેજા, ભરતભાઈ સંઘાર, મૂળજીભાઈ મહેશ્વરીએ સેવા આપી હતી. વ્યવસ્થા માજીકેભા ગઢવી, રાણશીભાઈ ગઢવી, ધનેશભાઈ મહેશ્વરીએ સંભાળી હતી.

મુન્દ્રા વિસ્તારમાં અદાણી ફાઉન્ડેશન દ્વારા કુલ ૨,૬૪,૮૧૭ વૃક્ષોનું રોપણ



- આગામી ૨૦૨૬-૨૭ માટે વધુ વિસ્તૃત આયોજન તૈયાર : ૮ નવા અદાણી વન વિકસાવવામાં આવશે તેમજ ૪૦,૦૦૦થી વધુ વૃક્ષોનું રોપણ કરવાનો નિશ્ચય

। કચ્છ આજકાલ । મુન્દ્રા

મુન્દ્રા અને આસપાસનાં ગ્રામ્ય વિસ્તારોમાં વિશ્વ પર્યાવરણ દિવસની ઉજવણી નિમિત્તે, અદાણી ફાઉન્ડેશન દ્વારા પર્યાવરણ સંરક્ષણ, હરિયાળો વિકાસ અને સ્થાયી ભવિષ્ય માટેની પોતાની પ્રતિબદ્ધતાને વધુ મજબૂત બનાવતાં વિશાળ સ્તરે વૃક્ષારોપણ અભિયાન અમલમાં મુકાયું છે. અદાણી ફાઉન્ડેશન દ્વારા શરૂ કરાયેલી અદાણી વન પહેલ કચ્છના ગામોમાં પર્યાવરણ પુનઃસ્થાપન અને જૈવવિવિધ્ય વધારવાનું મહત્વપૂર્ણ સાધન બની છે.

આ પહેલ હેઠળ અત્યાર સુધીમાં કુલ ૨૫ અદાણી વન વિસ્તારો વિકસાવવામાં આવ્યા છે, જેમાંથી ૨૦ અદાણી વન સ્થળો સીધા ગામસ્તરે તૈયાર કરવામાં આવ્યા છે. આ તમામ સ્થળોએ મળી આશરે ૧,૫૬,૯૫૧ વૃક્ષોનું રોપણ કરવામાં આવ્યું છે, જે કુલ ૭૬.૫ એકર જમીનમાં ફેલાયેલ છે. આ પ્રોજેક્ટો દ્વારા માત્ર હરિયાળો વિસ્તાર જ વધ્યો નથી, પરંતુ સ્થાનિક પર્યાવરણનું સંરક્ષણ, માટીની ગુણવત્તામાં સુધારો અને કુદરતી જીવનચક્રને મજબૂતી પણ મળી છે.

અદાણી વન પહેલ ગામમાં કુદરતી જંગલ જેવી પરિસ્થિતિ ઉભી કરવામાં મદદરૂપ બને છે, જેમાં વિવિધ પ્રજાતિના વૃક્ષો અને છોડનો સમાવેશ થાય છે. આ દ્વારા વાઈલ્ડ લાઈફ પશુઓ માટે રહેઠાણ, પક્ષીઓ માટે સુરક્ષિત વસવાટ તથા સ્થાનિક હવામાન તાપમાનમાં નિયંત્રણ થાય છે, જે લાંબા ગાળે સ્થાયી પર્યાવરણ માટે ખૂબ જ મહત્વપૂર્ણ છે.

આ ઉપરાંત, અદાણી ફાઉન્ડેશને ગામોમાં આવેલા શાળાઓ, હોસ્પિટલો, સમાજવાડી, મંદિરો અને અન્ય જાહેર સ્થળોએ પણ વિશાળ સ્તરે વૃક્ષારોપણ પ્રવૃત્તિઓ હાથ ધરેલી છે. આ વિભાગ હેઠળ અત્યાર સુધીમાં ૧,૦૮,૭૬૬ વૃક્ષોનું રોપણ કરવામાં આવ્યું છે, જેના પરિણામે સમાજમાં હરિયાળો વિસ્તાર વધારવાની સાથે પર્યાવરણ અંગે જાગૃતિ પણ વધારવામાં સફળતા મળી છે.

આ તમામ પહેલોના સંયુક્ત પરિણામ સ્વરૂપે, અદાણી ફાઉન્ડેશન દ્વારા મુન્દ્રા વિસ્તારમાં કુલ ૨,૬૪,૮૧૭ વૃક્ષોનું રોપણ કરવામાં આવ્યું છે, જે કચ્છના પર્યાવરણ સંરક્ષણ અને હરિયાળો વિકાસ માટે નોંધપાત્ર યોગદાન પૂરું પાડે છે. આગામી વર્ષ ૨૦૨૬-૨૭ માટે, અદાણી ફાઉન્ડેશન વધુ વિસ્તૃત આયોજન તૈયાર કર્યું છે, જેમાં ૮ નવા અદાણી વન વિકસાવવામાં આવશે તેમજ ૪૦,૦૦૦થી વધુ વૃક્ષોનું રોપણ કરવાનો નિશ્ચય કરવામાં આવ્યો છે. આ યોજનાઓ દ્વારા આગામી સમયમાં કચ્છ વિસ્તારમાં હરિયાળો વિસ્તાર નોંધપાત્ર રીતે વધશે તેવી અપેક્ષા વ્યક્ત કરવામાં આવી છે.

Annexure - V



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

- On site use of concreate batching plant.
- Only PUC certified vehicles are allowed to enter the premises.
- Water sprinkling have been carried out to stabilize the dust prone areas.
- Preventive maintenance of transport, heavy equipment and construction equipment have been carried out on regular intervals.
- Low Sulphur fuel i.e Diesel are being used.
- PPEs / masks have been used at high dust generating area.
- AAQM have been carried out at construction site as well as at surrounding villages.
- DG sets having complied with GPCB/CPCB norms are in used.



Remark

- ✓ 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.

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











Owner Name	G*****l l********l
Registering Authority	AHMEDABAD, Gujarat
Vehicle Class	Goods Carrier(MGV)
Fuel Type	DIESEL
Emission Norm	EURO 2
Vehicle Age	
Hypothecated	No
Vehicle Status	ACTIVE

Tap to Check the impound/seizure document status

Registration Date	XX-XXX-2013
Fitness Valid UpTo	XX-XXX-2027
Tax Valid UpTo	XXXXXXX
Insurance Valid UpTo	XX-XXX-2027
PUCC Valid Upto	06-Feb-2027
Permit Valid UpTo	XX-XXX-2028



Wildlife Conservation





SR. NO.	ACTIVITY	VILLAGES / AREA	STATUS	REMARK
1	Plantation program for coservation of habitat	Nearby Villages	Fulfilled	211512+ trees have been planted at nearby villages. (Including Commiphora wighhati – Gugal)
2	Awareness Programme for "Wild life" Conservation – Educational Program.	Tunda (1st Year)	Fulfilled*	Awareness Programme have been conducted under Eco Club Programme. (* : 70 number of schools from nearby 16 villages and Mundra & Mandavi towns have been covered under "ECO CLUB" which are formed for generating awareness on environmental best practices, wildlife conservation, Mangrove conservation, sustainability and Earth eco system.)
		Vandh (2nd Year)	Fulfilled*	
		Navinal (3rd Year)	Fulfilled*	
		Siracha (4th Year)	Fulfilled*	
		Kandagra (5th Year)	Fulfilled*	
3	Artificial Concreate water pond of 1000 lit capacity to provide drinking water facility for wild animals.	2 villages in study area	Fulfilled	Two "Guzzler" drinking water units, each with a capacity of more than 1,000 liters, have been installed at sites recommended by the District Forest Department, Government of Gujarat, for easily access of drinking water to wildlife.
4	Mangrove Plantation (1000 no. of plant per Ha.)	Near by project area.	Fulfilled	10000 numbers of mangrove plantation have been done in vicinity of plant premises.

Chef Wildlife Warden, Gujarat vide letter no. WLP/32/C/297-298/2022-23 dated 18th June 2022 has approved wildlife conservation plan for the project.

A "Wildlife Conservation" awareness program was held in a nearby village. The session addressed the definition, significance, and necessity of wildlife conservation, along with the various methods involved. Additionally, it showcased initiatives undertaken by Mundra Petrochem Limited in partnership with Adani Foundations for the benefit of nearby villages and coastal regions.

Under the Eco Club initiative, Adani Foundation team have carried out wildlife awareness programs across 70 schools in nearby villages since last four years, 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.



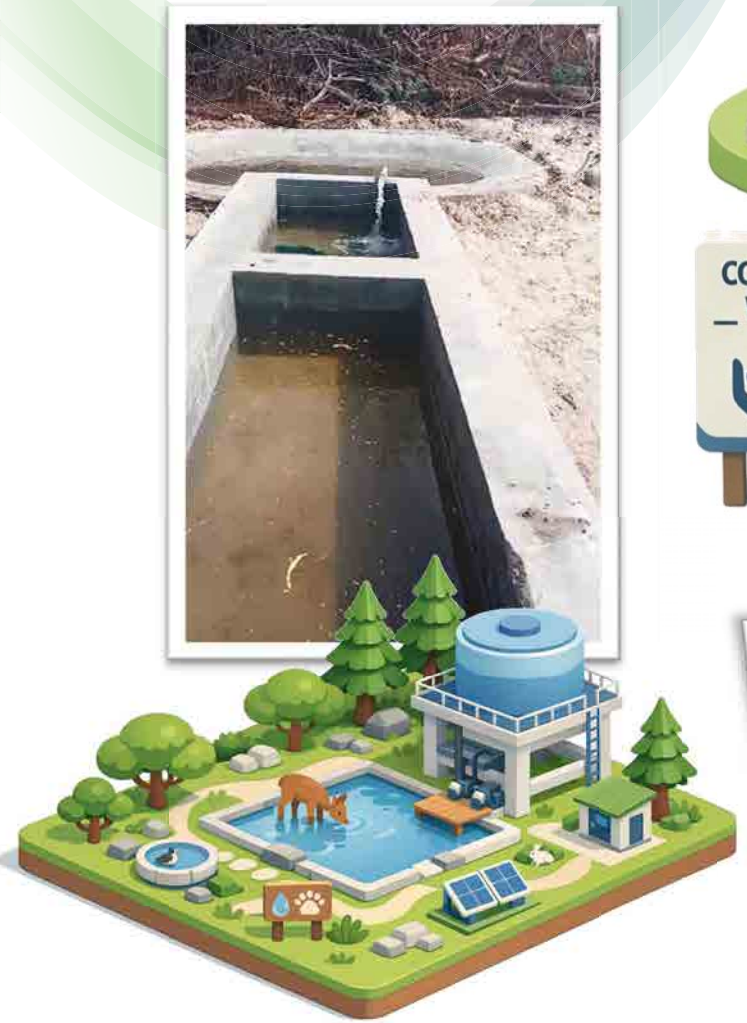
Mangroves, which are salt-tolerant trees and shrubs, flourish in coastal intertidal zones. These unique ecosystems are present along the coastlines of Mundra and Mandavi talukas including near the MPL premises. Mangrove forests play a vital role in maintaining healthy coastal environments and supporting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



Two "Guzzler" water stations for wild animals now stand in the Reserve forest area of Navinal Dhuvo, near Bardimata Temple. Their construction followed the approved wildlife conservation plan, with collaboration and guidance from the District Forest Department, Kutch.







Annexure - VII

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.

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: Apr'26 - Sep'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 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							
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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_2H_2	:	Acetylene
CaC_2	:	Calcium Carbide
C_2H_3Cl	:	Vinyl chloride
GoI	:	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

Mundra Petrochem Limited, a stepdown subsidiary of Adani Enterprises Limited (Adani Group Company), is currently in the development phase of a petrochemical cluster at Mundra, Gujarat. As part of this initiative, the company plans to establish a 2 MMT per annum PVC project under its business unit i.e. Mundra Petrochem Limited in phases, with Phase-I targeting an annual capacity of 1 MMT per annum at near Village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat.

The proposed project aims for an overall PVC production capacity of 2000 KTPA (Kilo Tons Per Annum). The facility will produce various PVC grades such as Suspension PVC (Resin), Chlorinated PVC (C-PVC), Mass PVC (bulk), and Emulsion PVC (paste). Currently, the PVC project is undergoing final design work, detailed engineering, procurement, and simultaneous construction activities at the site.

To implement this project, multiple integrated units are proposed, including a Calcium Carbide Plant, Acetylene Plant, Caustic Soda (Chlor-Alkali process) Plant, VCM Plant, PVC Plant, and Clinker & Cement Plant. This 2 MMTPA PVC project represents an integrated, inter-linked endeavour with multi-sectoral components, where products from one plant serve as raw materials for others.

The PVC produced at this facility will cater to the domestic market, helping to reduce the reliance on imports. Depending on market conditions, products and by-products from the plant will be marketed domestically or exported.

India's annual PVC demand is approximately 4.5 MMT, while the domestic production capacity stands at 1.5 MMT, resulting in a supply-demand gap and imports of around 3 MMT. Even with the planned PVC capacity, the shortfall is projected to reach approximately 3 MMT by 2030. Key sectors driving PVC demand in India include agriculture, construction, and infrastructure. The proposed project aims to address this underserved market in India and reduce import dependency.

The proposed PVC project aims to significantly reduce this supply-demand gap, offering a substantial boost to domestic production and helping to meet growing market needs.

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 – 29/03/2028.
- ISO/IEC 17025 Accredited Laboratory by National Accreditation Board for Testing and Calibration Laboratories (NABL) which is valid up to – 22/11/2026. Renewal is under process.
- Recognized Environmental Auditor Laboratory by Gujarat Pollution Control Board, Gandhinagar, Gujarat, India which is valid up to 31/12/2027.

Copy of relevant certificates are attached as Annexure I.

1.2 Brief Description of Project

The proposed PVC Project is having various major units such as, Semi-coke Plant, Calcium Carbide Plant, Acetylene Plant, VCM Plant, PVC Plant, Caustic Soda 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 National Ambient Air Quality Standards (NAAQS2009)	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) (MPN/100ml), Total Nitrogen-, Total Phosphorus	Monthly
4.	Groundwater	Eight Location	pH, Temperature, Turbidity, Conductivity, Total Dissolved Solids, Bio-Chemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Salinity, Ammoniacal 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 Phosphorus, Sodium Absorption Ratio (SAR)	Pre & Post Monsoon
5.	Surface Water	Five Locations	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, Ammoniacal Nitrogen, Lead, Iron, Cadmium, Manganese, Copper, Arsenic, Chromium, Boron, Mercury, Zinc, Cyanide, Sodium Absorption Ratio (SAR)	Pre & Post Monsoon
6.	Surface Water (Marine)	Three Locations	pH, Colour, Odour, turbidity, Total Suspended Solids (TSS), Total Dissolved Solids, Bio-Chemical Oxygen Demand (BOD), Chemical Oxygen Demand (COD), Dissolved Oxygen, Oil & Grease, Lead, Iron, Cadmium, Manganese,	Pre & Post Monsoon

7.0	Soil	Three Location	Porosity, Water Holding Capacity, Permeability, Particle Size Distribution (Sand, Silt and Clay), Soil Texture, Cation Exchange Capacity (CEC), Sodium Adsorption Ratio (SAR), Electrical Conductivity (EC), Exchangeable Sodium, pH, Calcium, Magnesium, Sodium, Potassium, Total Organic Carbon (TOC), Available Phosphorus and Available Potassium.	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. Instruments used for sampling are calibrated by an 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

***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

Sr. No.	Parameter	Technique	Technical protocol	Permissible Limit (As per NAAQS)
2.	Particulate Matter as PM2.5	Fine Particulate Sampler (Gravimetric method)	IS 5182, Part 24	60
3.	Sulphur Dioxide as SO2	Modified West and Gaeke	IS 5182, Part 2, Sec. 1	80
4.	Nitrogen Dioxide as NO2	Jacob & Hochheiser	IS 5182, Part 6	80
5.	Carbon Monoxide as CO	Gas Analyser (CO)	IS 5182, Part 10	4.0
6.	Ozone as O3	UV Spectrophotometer	IS 5182, Part 9	180
7.	Ammonia as NH3	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 C6H6	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 noise level monitoring and their permissible limits are given in the following table.

Sr. No.	Parameter	Technique	Technical protocol	Permissible Limit (As per CPCB)
1.	Ambient Noise Level Monitoring at Industrial Area	Sound Level Meter (Leq),	IS : 9989 : 1981	Day Time – 75 dB Night Time – 70 dB
2	Ambient Noise Level Monitoring at Residential Area	Sound Level 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 9:2023	NS	NS
3	Turbidity	IS 3025(Part 10):2023	1	5
4	TDS	IS 3025(Part 16):2024	500	2000
5	Electrical Conductivity	IS 3025(Part 14):2013	NS	NS
6	COD	IS 3025(Part 58): 2023	NS	NS
7	BOD	IS 3025(Part 44): 2023	NS	NS
8	Phenol	IS 3025(Part 43): 2022	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 24th Ed., 2023, 3500 Ca. B	NS	NS
13	Mg++ Hardness	APHA 24th Ed., 2023, 3500 Mg. B	NS	NS
14	Total Alkalinity	IS 3025(Part 23): 2023	200	600
15	Nitrate	APHA 24th Ed,2023,4500 NO3-B	45	NR
16	Fluoride	IS 3025(Part 60): 2023	1	1.5
17	Sodium	APHA 24th Ed., 2023, 3500 Na,B	NS	NS
18	Potassium	APHA 24th Ed., 3500 K,B	NS	NS
19	Calcium	APHA 24thEd,2023,3500 Ca. B	75	200

Sr. No.	Parameter	Technical protocol	IS 10500 Standard Limits for drinking water	
			Desirable limit	Per. Limit in the Abs. of Alt. Source
20	Magnesium	APHA 24th Ed,2023,3500 Mg. B	30	100
21	Salinity	APHA 24th Ed,2023,2520-B, 2-60	NS	NS
22	Total Nitrogen	APHA 24th Ed,2023,4500 NH3 - B	0.5	NR
23	Total Phosphorus	APHA 24th Ed,2023,4500-P, D	NS	NS
24	Dissolved Oxygen	APHA 24thEd,2023,4500-O, B	NS	NS
25	Ammoniacal Nitrogen	IS 3025(Part 34) (ISE Method):2024	NS	NS
26	SAR	By Calculation	NS	NS
	Heavy Metals			
27	Arsenic (as As)	APHA 24th Ed,2023,3114-C	0.01	0.05
28	Cadmium (as Cd)	IS 3025(Part 41): 2023	0.003	NR
29	Chromium (as Cr)	APHA 24th Ed,2023,3111-B	0.05	NR
30	Copper (as Cu)	APHA 24th Ed,2023,3111-B	0.05	1.5
31	Cyanide (as CN)	IS 3025(Part 27): 2021	0.05	NR
32	Iron (as Fe)	IS 3025(Part 53): 2024	0.3	NR
33	Lead (as Pb)	IS 3025(Part 47): 2024	0.01	NR
34	Mercury (as Hg)	APHA 24th Ed,2023,3112-B	0.001	NR
35	Manganese (as Mn)	APHA 24th Ed,2023,3500 Mn. B	0.1	0.3
36	Nickel (as Ni)	IS 3025(Part 54): 2003	0.02	NR
37	Zinc (as Zn)	IS 3025(Part 49): 2024	5	15
38	Total Coliform	APHA 24th Ed. 2023, 9222-B	Shall not be detectable	
39	Faecal Coliforms	APHA 24th Ed., 2023, 9222-D	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 24thEd,2023,4500-O, B	NA
3	TDS	IS 3025(Part 16):2024	2100
4	Electrical Conductivity	IS 3025(Part 14):2013	2250
5	BOD	IS 3025(Part 44): 2023	NA
6	Colour	IS 3025(Part 4):2021	-
7	Total Hardness	IS 3025(Part 21): 2009	NA
8	Ca++ Hardness	APHA 24th Ed,2023,3500 Ca. B	NA
9	Mg++ Hardness	APHA 24th Ed,2023,3500 Mg. B	NA
10	Chlorides	IS 3025(Part 32): 1988	600
11	Sulphate	IS 3025(Part 24): 2022	1000
12	Nitrate	APHA 24th Ed,2023,4500 NO3-B	NA
13	Fluoride	IS 3025(Part 60): 2023	-
14	Phenol	IS 3025(Part 43): 2022	NA
15	Ammoniacal Nitrogen	IS 3025 Part 34 (ISE):2024	NA
16	SAR	By Calculation	26
17	Copper (as Cu)	APHA 24thEd,2023,3111-B	NA
18	Iron (as Fe)	IS 3025(Part 53): 2024	NA
19	Manganese (as Mn)	APHA 24th Ed,2023,3500 Mn. B	NA

Sr. No.	Parameter	Technical protocol	Classification for Inland Surface Water (CPCB)
			Class E
20	Mercury	APHA 24thEd,2023,3112-B	NA
21	Cadmium (as Cd)	IS 3025(Part 41): 2023	NA
22	Arsenic (as As)	APHA 24th Ed,2023,3114-C	NA
23	Cyanide	IS 3025(Part 27): 2021	NA
24	Lead (as Pb)	IS 3025(Part 47): 2024	NA
25	Zinc	IS 3025(Part 49): 2024	NA
26	Chromium (as Cr)	APHA 24th Ed,2023,3111-B	NA
27	Boron	IS 3025(Part 57): (Curcumin Method) : 2021	2
28	Total Coliform	APHA 24th Ed. 2023, 9222-B	-
29	COD	IS 3025(Part 58): 2023	-

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 24th Ed,2023,4500-O, B	5
3	Colour & Odour	IS 3025(Part 4):2021 & IS 3025(Part 5):2018	No Colour No Odour
4	Floating Matters	-	None
5	Total Suspended Solids (TSS)	APHA 24th Ed,2023,2540-D	None from Sewage or Industrial waste Origin
6	Turbidity	IS 3025(Part 10):2023	-
7	BOD	IS 3025(Part 44): 2023	-
8	Oil & Grease	IS 3025(Part 39): 2021	0.1
9	Mercury as Hg	APHA 24th Ed,2023,3112-B	0.01
10	Lead (as Pb)	IS 3025(Part 47): 1994	0.01
11	Cadmium (as Cd)	IS 3025(Part 41): 2023	0.01
12	Iron (as Fe)	IS 3025(Part 53): 2003	-
13	Manganese (as Mn)	APHA 24th Ed,2023,3500 Mn. B	-
14	Faecal Coliforms	APHA 24th Ed.,2023, 9222-	Shall not be detectable
15	Sludge Deposits, Solid refuse floating Solids, Oil Grease and Scum	-	-
16	COD	IS 3025(Part 58): 2023	-

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 24th Ed,2023,5210-B	<30
	COD	IS 3025(Part 58): 2023	-
	TSS	APHA 24th Ed.,2023, 2540 – D	<50

Sr. No.	Parameter	Technical protocol	Permissible Limit (As per MOEFCC notification no. GSR 1265(E) dt. 13 Oct. 2017)
	Nitrogen Total	APHA 24th Ed,2023,4500-B, C	--
	Total Phosphorus	APHA 24thEd,2023,4500-P, D	--
	Faecal Coliform	IS 1622:2019	<1000

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

The general location of the project is 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 -1 Nr. Admin Building)	Industrial Area	22.794914, 69.575220
3.	Ambient Air & Noise	Project Site (Pocket – 2)	Industrial Area	22.78221° N, 69.559541° E
4.	Ambient Air & Noise	Project Site (Pocket – 3)	Industrial Area	22.802171° N, 69.552084° E
5	Ambient Air & Noise	Near Fabrication & Batching Plant	Industrial Area	22.807563° N, 69.704170° E
6.	Ambient Air & Noise	Village - Navinal	Rural Area	22.829246° N, 69.598332° E
7.	Ambient Air & Noise	Village - Zarpara	Rural Area	22.837942° N, 69.646225° E
8.	Ambient Air & Noise	Village - Vandh	Rural Area	22.809106° N, 69.53562° E
9.	STP Treated water	Project Site (Pocket – 1)	Industrial Area	22.784881° N, 69.566798°E

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



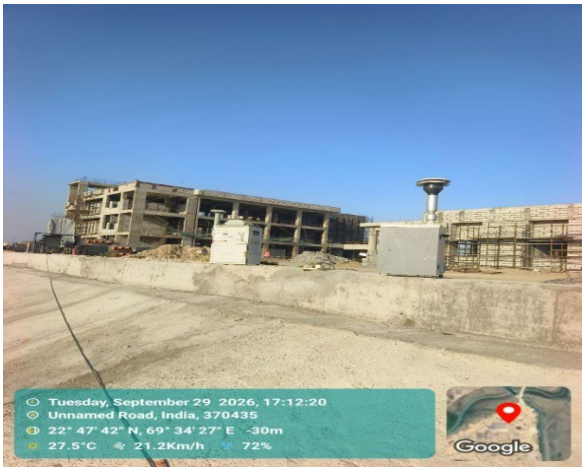
Pocket – 1



Pocket – 2


Pocket 3

Photograph 2-2: Photographs of monitoring

	
Project Site (Pocket – 1)	**Project Site (Pocket – 1 Nr. Adm. Building)**
	
Project Site (Pocket – 3)	**Near Fabrication & Batching Plant**

	
Village Navinal	**Village Vandh**
	
Village-Zarpara	**Project Site (Pocket – 1) - STP**
	
Project Site (Pocket – 1)	**Project Site (Pocket – 3)**



Marine Water – APL Intake



Marine Water – Kotadi Creek



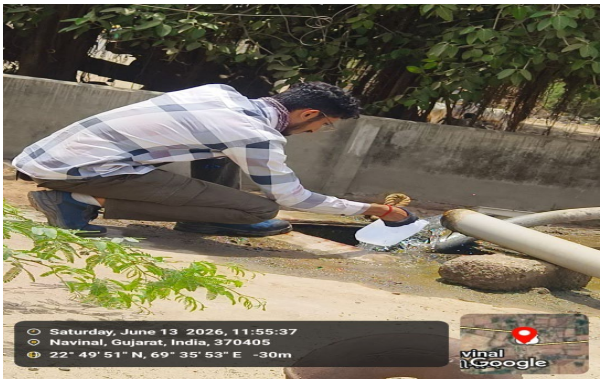
Surface Water- Zarpara Village



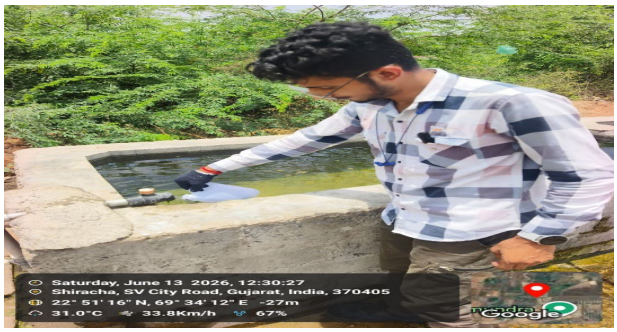
Surface Water - Siracha Village



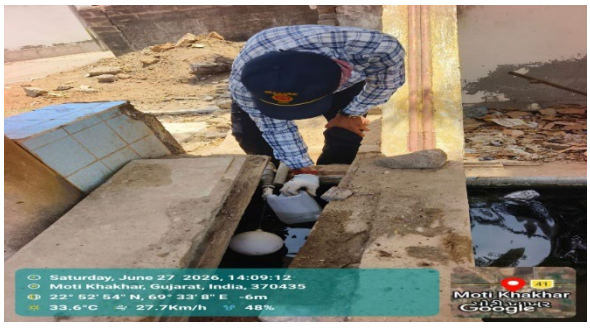
Surface Water – Navinal



Ground Water – Navinal



Ground Water – Siracha



Ground Water – Moti Khakhar

Map 2-1: Images Project General Location Map







Project General Location Map.

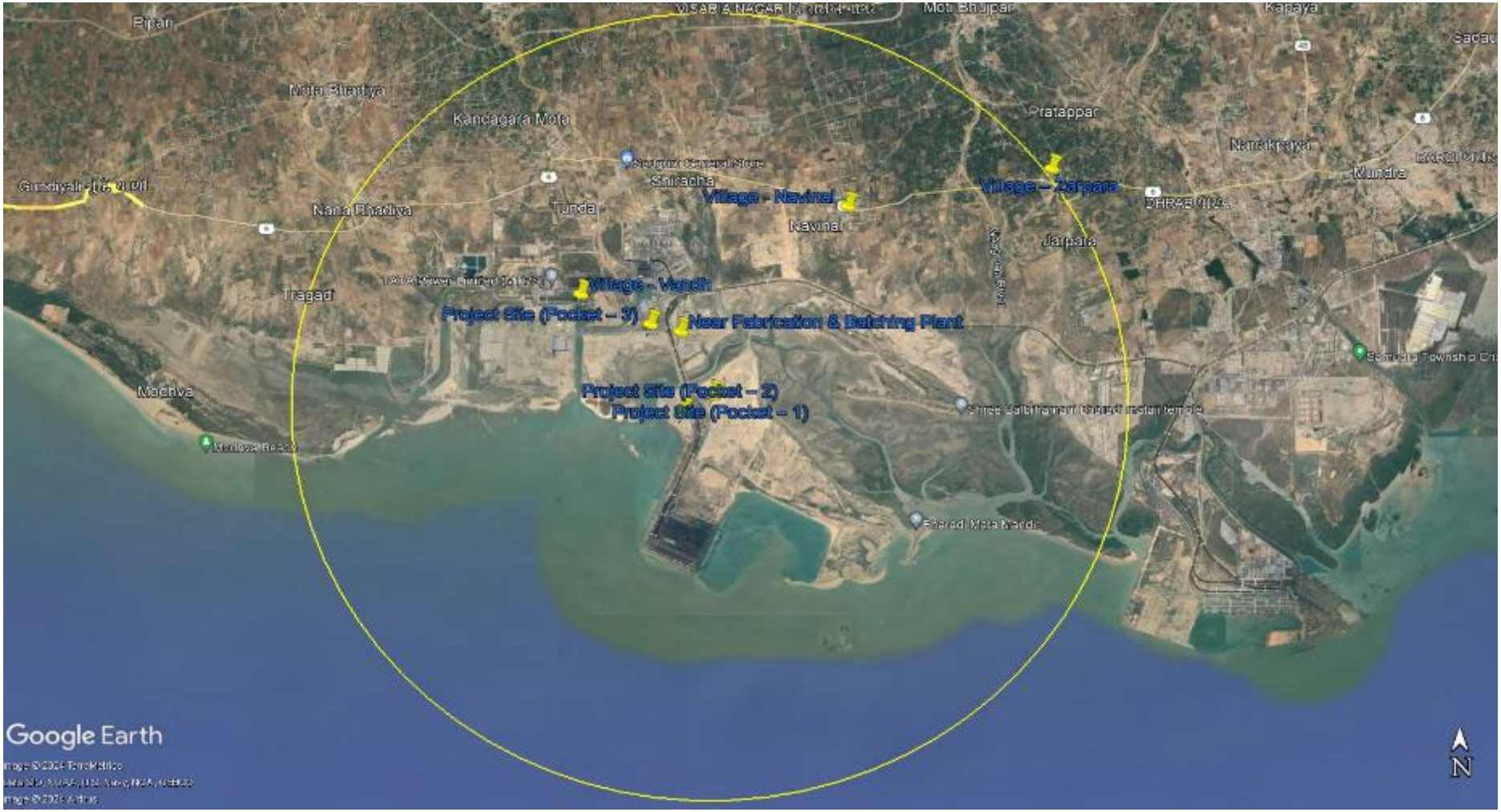
Source: Google Earth

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



CLIMATIC CONDITIONS

2.4 Climatic data from secondary sources

For the PVC project, secondary data for weather conditions in the region is available for the period of April 2026 to September 2026. 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.

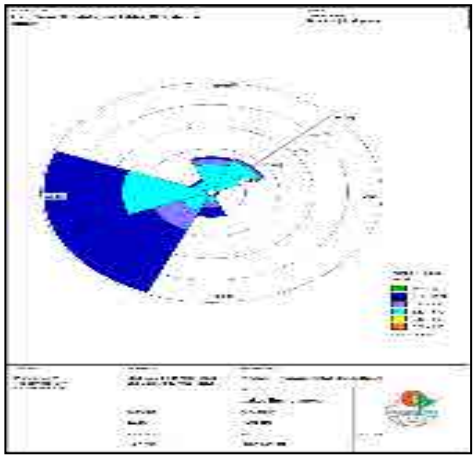
Average meteorological condition recorded at metrological station is as given in below table.

Table 3-1: Average meteorological condition

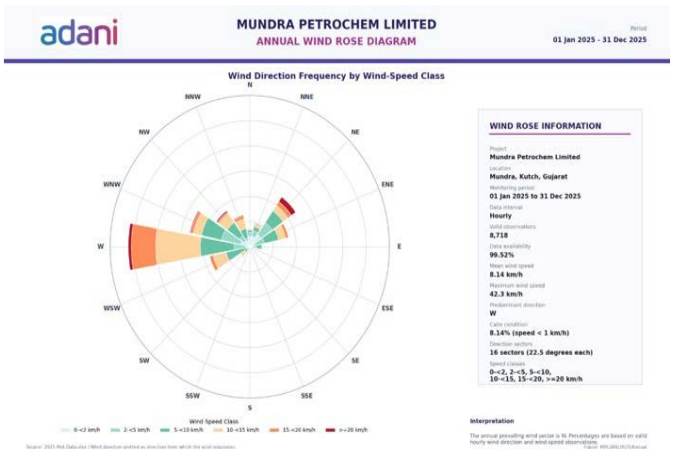
Weather Monitoring Data							
Month	**Scale**	**Temp. (°C)**	**RH (%)**	**BP (mmHg)**	**Wind Direction**	**Wind speed (Km/ Hr.)**	**Total Rainfall (mm)**
Apr 2026 to Sep 2026	Max.	44.7	99.8	764.2	360.0	28.6	226
	Min.	22.5	20.2	743.6	0.0	0.0	
	Average/ Total	32.9	74.0	753.2	259.6	13.7	

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

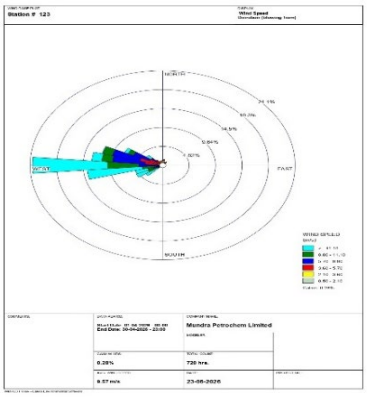
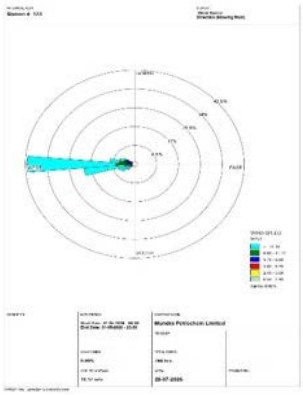
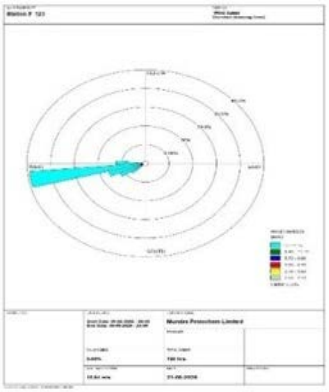
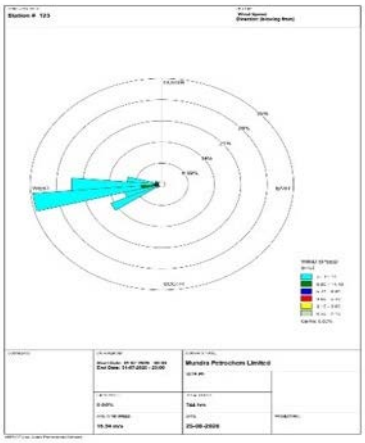
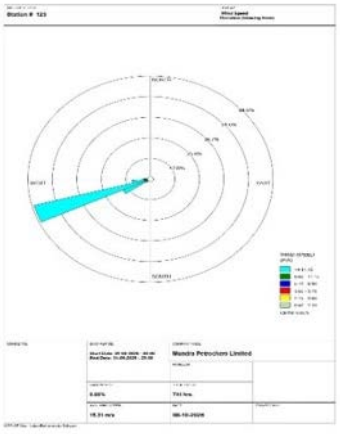
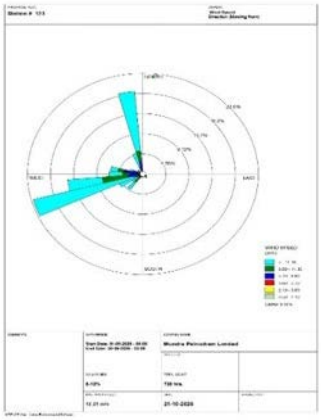
Figure 3-1: Annual and Monthly Wind-Rose Diagrams.



Annual



Wind Rose 2025

		
Wind Rose Apr.-26	Wind Rose May-26	Wind Rose June-26
		
Wind Rose July-26	Wind Rose Aug-26	Wind Rose Sep.-26

3 ANALYSIS & INTERPRETATION

3.1 Ambient Air

Sr. No.	Month	Parameter with Results											
		PM10	PM2.5	SO2	NO2	CO	O3	NH3	Pb	Ni	As	Benzene	Benzo (a) Pyrene
		µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	ng/m3	ng/m3	µg/m3	ng/m3
		Permissible Limit As per NAAQS – 2009 Notification.											
		100	60	80	80	4	180	400	1	20	6	5	1
Location : Project Site (Pocket -1)													
1	Apr.-26	80.3	33.4	20.1	22.5	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
2	May-26	84.8	38.2	21.3	22.5	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
3	Jun-26	87.3	42.8	18.6	20.7	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
4	July. 26	79.1	36.2	17.1	19.5	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
5	Aug.-26	69.7	33.2	15.1	17.4	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
6	Sep.-26	67.7	31.2	17.8	20.0	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
Report Ref. No. - URA/26/04/A-072dt.22/04/2026, URA/26/05/A-058 dt.20/05/2026, URA/26/06/A-061 dt. 25/06/2026 URA/26/07/A-046 dt. 29/07/2026, URA/26/08/A-064 dt. 22/08/2026, URA/26/09/A-106 dt. 29/09/2026													
Location: Project Site (Near to Pocket -1 Admin Building)													
1	Aug.-26	64.6	30.9	18.6	21.3	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
2	Sep.-26	62.3	29.9	16.5	19.9	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
Report Ref. No. - URA/26/08/A-081 dt. 26/08/2026, URA/26/09/A-107 dt. 29/09/2026													
Location: Project Site (Near to Pocket -2)													
1	Apr.-26	70.4	29.9	17.2	20.4	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
2	May-26	74.2	31.3	18.1	19.9	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
3	Jun-26	76.4	33.8	14.1	17.8	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
4	Jul. 26	73.2	29.9	13.2	16.1	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
Report Ref. No. - URA/26/04/A-084 dt. 29/04/2026, URA/26/05/A-088 dt. 29/05/2026, URA/26/06/A-074 dt. 30/06/2026, URA/26/07/A-056 dt. 31/07/2026													
Location: Project Site (Near to Pocket -3)													
1	Apr.-26	81.8	38.9	16.9	19.7	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
2	May-26	86.3	41.2	21.4	22.2	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
3	Jun-26	89.9	42.6	16.7	20.2	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
4	Jul. 26	81.4	39.9	18.7	21.3	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
5	Aug.-26	72.1	32.1	17.4	20.5	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
6	Sep.-26	71.6	31.8	18.9	21.5	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1

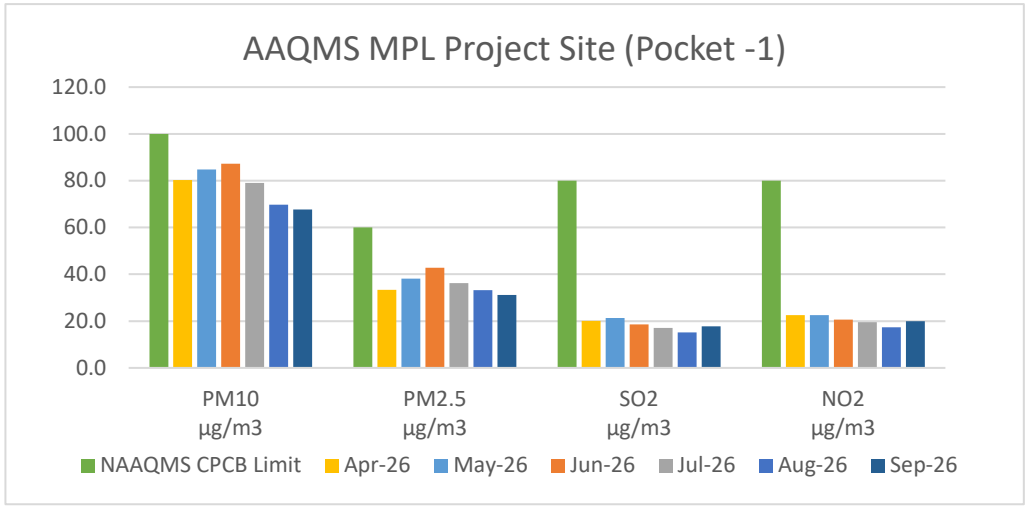
Report Ref. No. - URA/26/04/A-081 dt. 28/04/2026, URA/26/05/A-066 dt. 21/05/2026, URA/26/06/A-072 dt. 27/06/2026, URA/26/07/A-052 dt. 30/07/2026, URA/26/08/A-077 dt. 25/08/2026, URA/26/09/A-108 dt. 29/09/2026													
Location: Near Fabrication and Batching Plant													
1	Apr.-26	80.6	33.5	19.2	20.6	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
2	May-26	80.3	38.9	20.6	21.8	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
3	Jun-26	82.4	40.8	18.3	19.4	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
4	Jul. 26	77.1	35.4	17.1	18.2	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
5	Aug.-26	71.4	30.2	16.2	19.9	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
6	Sep.-26	70.1	28.1	15.1	18.8	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
Report Ref. No.- URA/26/04/A-076 dt. 23/04/2026, URA/26/05/A-065 dt. 21/05/2026, URA/26/06/A-071 dt. 27/06/2026 URA/26/07/A-049 dt. 29/07/2026, URA/26/08/A-065 dt. 22/08/2026, URA/26/09/A-109 dt. 29/09/2026													
Location : Village Navinal													
1	Apr.-26	76.9	36.2	18.8	17.4	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
2	May-26	78.4	37.8	19.4	20.3	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
3	June-26	80.6	38.5	17.5	18.6	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
4	July. 26	70.3	30.4	16.5	17.3	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
5	Aug.-26	63.2	27.1	14.2	17.1	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
6	Sep.-26	61.2	26.7	16.1	19.3	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
Report Ref. No. - URA/26/04/A-085 dt. 30/04/2026, URA/26/05/A-087 dt. 29/05/2026, URA/26/06/A-069 dt. 26/06/2026 URA/26/07/A-047 dt. 29/07/2026, URA/26/08/A-091 dt. 29/08/2026, URA/26/09/A-097 dt. 26/09/2026													
Location : Village Zarpara													
1	Apr.-26	73.7	29.6	15.1	18.8	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
2	May-26	77.5	32.8	15.7	18.1	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
3	June-26	80.3	36.7	16.8	19.4	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
4	July. 26	65.2	32.5	15.2	17.7	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
5	Aug.-26	61.4	28.6	13.5	16.4	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
6	Sep.-26	59.5	25.1	15.4	18.4	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
Report Ref. No. – URA/26/04/A-080 dt. 28/04/2026, URA/26/05/A-089 dt. 30/05/2026, URA/26/06/A-073 dt. 30/06/2026 ,URA/26/07/A-054 dt. 30/07/2026, URA/26/08/A-090 dt. 29/08/2026, URA/26/09/A-098 dt. 26/09/2026													
Location : Village Vandh													
1	Apr.-26	74.2	32.1	17.4	21.1	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
2	May-26	76.6	36.8	18.5	20.7	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
3	Jun-26	79.9	37.1	17.8	18.8	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
4	Jul. 26	67.4	31.8	16.1	17.4	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
5	Aug.-26	59.9	24.3	12.1	15.2	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1
6	Sep.-26	56.1	23.3	14.5	17.1	<0.01	<5.0	<5.0	<0.5	<1.0	<1.0	<1.0	<0.1

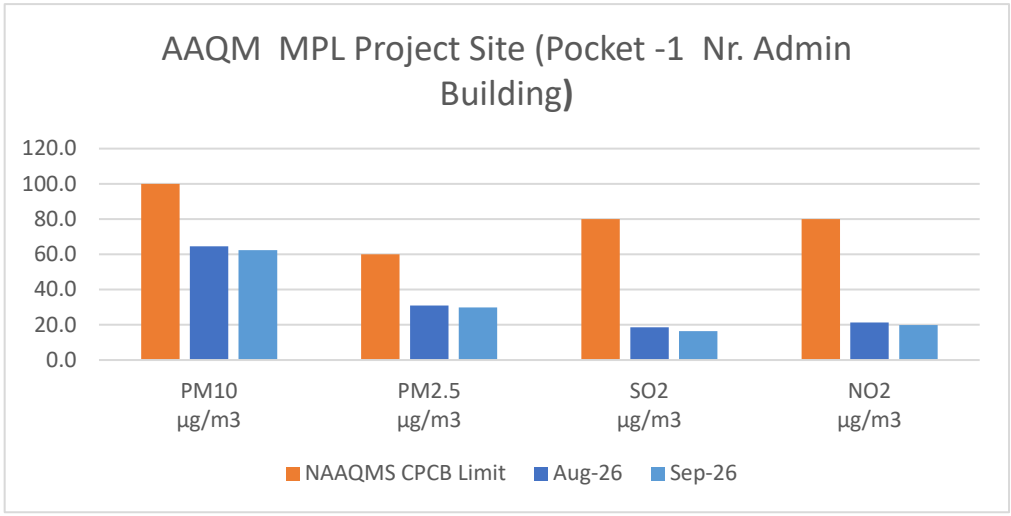
Report Ref. No.- URA/26/04/A-020 dt. 07/04/2026, URA/26/05/A-057 dt. 20/05/2026, URA/26/06/A-070 dt. 26/06/2026 URA/26/07/A-048 dt. 29/07/2026, URA/26/08/A-092 dt. 29/08/2026, URA/26/09/A-092 dt. 25/09/2026

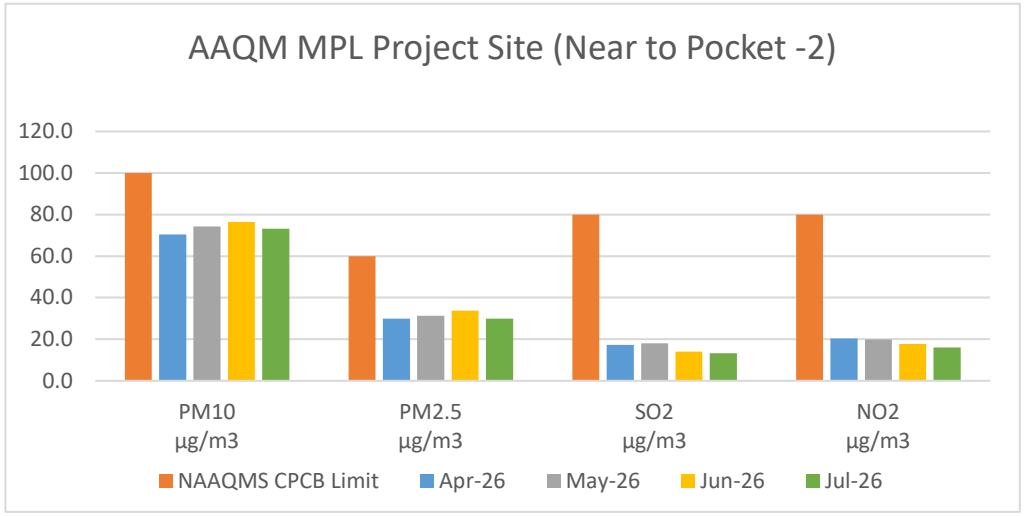
Observations

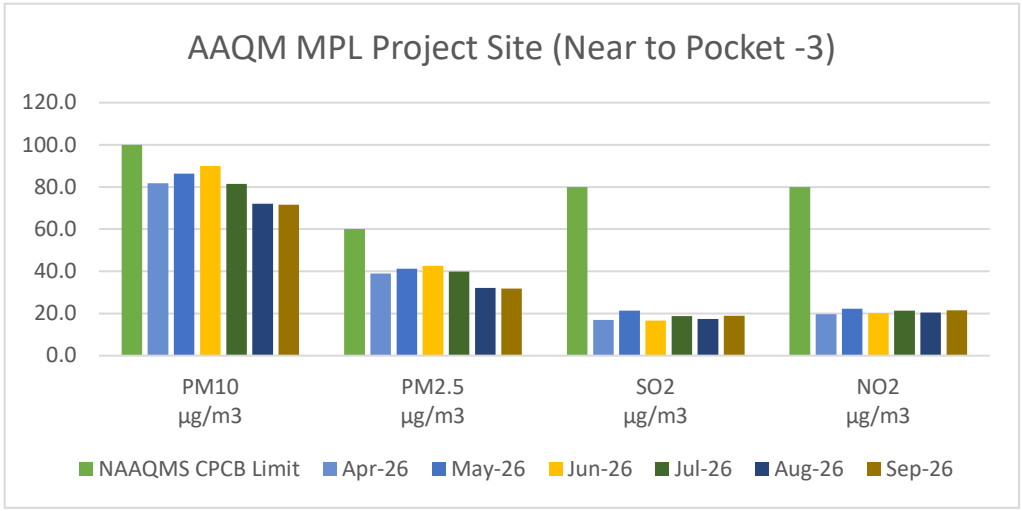
- The concentration of PM10 ranged from 89.9 µg/m3 at the Project Site (Pocket -3) to 56.1 µg/m3 in the Village of Vandh, with an average concentration of 73.7 µg/m3.
- The concentration of PM2.5 ranged from 42.8 µg/m3 at the Project Site - Pocket 1 to 23.3 µg/m3 in the Village of Vandh, with an average concentration of 33.4 µg/m3.
- The concentration of SO2 ranged from 21.4 µg/m3 at the Project Site - Pocket 3 to 12.1 µg/m3 in the Village of Vandh, with an average concentration of 17.0 µg/m3.
- The concentration of NO2 ranged from 22.5 µg/m3 at the Project site (Pocket 1) to 15.2 µg/m3 in the Village of Vandh, with an average concentration of 19.3 µg/m3.
- The concentrations of CO were below <0.01 mg/m3, & NH3 were below <5.0 µg/m3, O3 were below <5.0 µg/m3 at all the locations.
- The concentrations of Lead (Pb) were below <0.5 µg/m3, Arsenic (As) were below <1.0 ng/m3 & Nickel (Ni) were all below <1.0 ng/m3 at all the locations.
- The concentrations of Benzene were below <1.0 µg/m3 & BaP were all below <0.1 ng/m3 at all the locations.

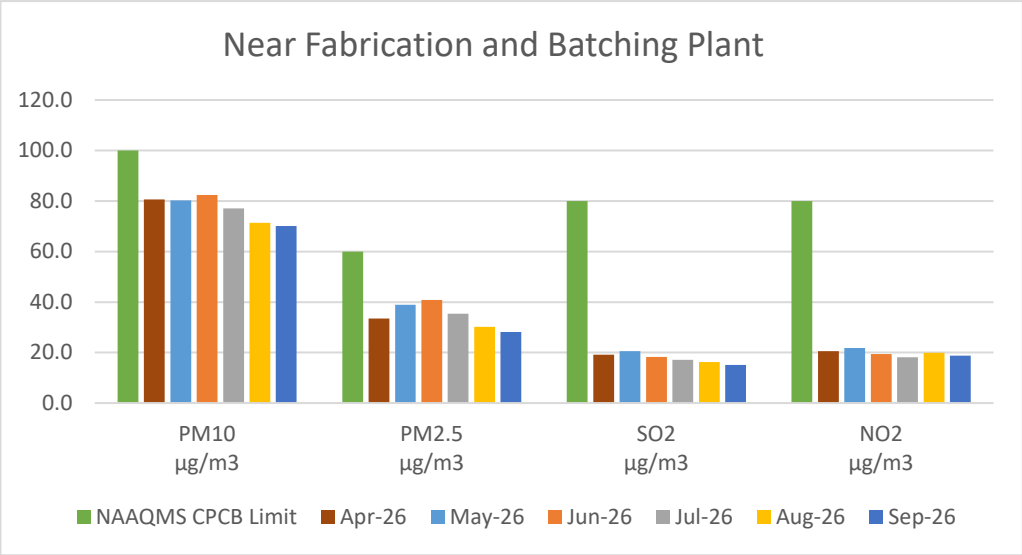
  The concentrations of all monitored air quality parameters were found to be within the permissible limits as defined by the National Ambient Air Quality (NAAQ) Standards set by the Ministry of Environment, Forest and Climate Change (MoEF&CC).

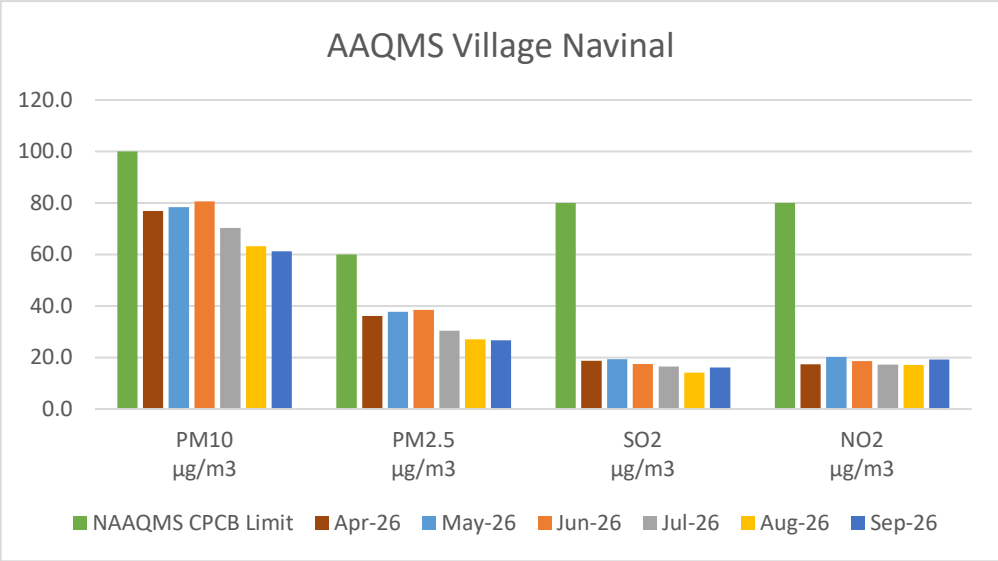

AAQMS MPL Project Site (Pocket -1)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
PM10 µg/m3
PM2.5 µg/m3
SO2 µg/m3
NO2 µg/m3
NAAQMS CPCB Limit
Apr-26
May-26
Jun-26
Jul-26
Aug-26
Sep-26

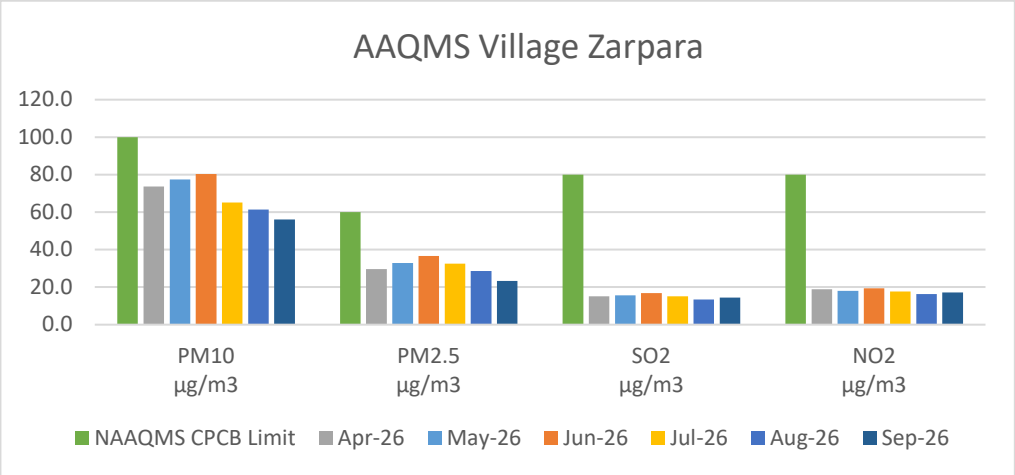

AAQM MPL Project Site (Pocket -1 Nr. Admin Building)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
PM10 µg/m3
PM2.5 µg/m3
SO2 µg/m3
NO2 µg/m3
NAAQMS CPCB Limit
Aug-26
Sep-26

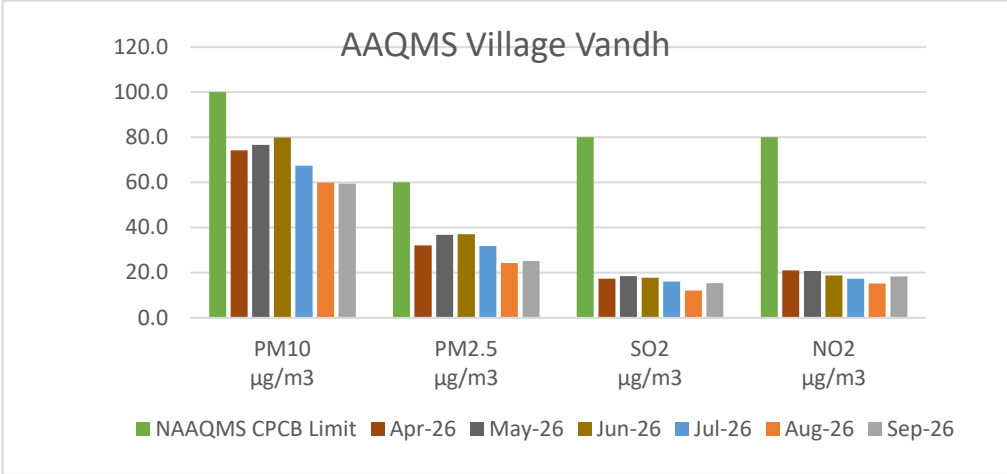

AAQM MPL Project Site (Near to Pocket -2)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
PM10 µg/m3
PM2.5 µg/m3
SO2 µg/m3
NO2 µg/m3
NAAQMS CPCB Limit
Apr-26
May-26
Jun-26
Jul-26


AAQM MPL Project Site (Near to Pocket -3)
120.0
100.0
80.0
60.0
40.0
20.0
0.0
PM10 µg/m3
PM2.5 µg/m3
SO2 µg/m3
NO2 µg/m3
NAAQMS CPCB Limit
Apr-26
May-26
Jun-26
Jul-26
Aug-26
Sep-26


Near Fabrication and Batching Plant
120.0
100.0
80.0
60.0
40.0
20.0
0.0
PM10 µg/m3
PM2.5 µg/m3
SO2 µg/m3
NO2 µg/m3
NAAQMS CPCB Limit
Apr-26
May-26
Jun-26
Jul-26
Aug-26
Sep-26


AAQMS Village Navinal
120.0
100.0
80.0
60.0
40.0
20.0
0.0
PM10 µg/m3
PM2.5 µg/m3
SO2 µg/m3
NO2 µg/m3
NAAQMS CPCB Limit
Apr-26
May-26
Jun-26
Jul-26
Aug-26
Sep-26


AAQMS Village Zarpara
120.0
100.0
80.0
60.0
40.0
20.0
0.0
PM10 µg/m3
PM2.5 µg/m3
SO2 µg/m3
NO2 µg/m3
NAAQMS CPCB Limit
Apr-26
May-26
Jun-26
Jul-26
Aug-26
Sep-26


AAQMS Village Vandh
120.0
100.0
80.0
60.0
40.0
20.0
0.0
PM10 µg/m3
PM2.5 µg/m3
SO2 µg/m3
NO2 µg/m3
NAAQMS CPCB Limit
Apr-26
May-26
Jun-26
Jul-26
Aug-26
Sep-26

3.2 Ambient Noise

Ambient noise levels were monitored and analysed in terms of equivalent continuous sound level (Leq), including Leq (24-hour), Leq Day and Leq Night, at all designated 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	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26	CPCB Limit	Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26
1	PS (Pkt – 1)	75	63.8	66.8	70.4	69.4	68.7	67.3	70	56.3	57.9	61.5	59.6	57.9	57.7
2	PS (Pkt – 1) Nr. Ad. Bldg.	75	-	-	-	-	59.3	63.4	70	-	-	-	-	53.0	54.2
3	PS (Pkt – 2)	75	55.7	56.4	57.4	65.2	-	-	70	49.8	50.4	51.7	52.3	-	-
4	PS (Pkt – 3)	75	60.8	64.3	66.8	68.3	69.4	68.1	70	54.7	55.8	60.3	61.4	59.8	60.5
5	Nr. Fab. & Batch. Plant	75	64.7	65.3	67.4	67.6	70.3	68.7	70	57.3	56.2	59.3	58.3	58.6	58.8
6	Vill - Navinal	55	48.2	49.8	47.2	49.2	46.4	48.0	45	39.7	39.1	41.3	40.7	42.0	41.9
7	Vill - Zarpara	55	47.5	48.2	50.3	51.4	51.2	51.9	45	38.1	36.2	37.7	38.9	38.9	40.2
8	Vill - Vandh	55	49.9	50.4	48.3	47.4	48.2	50.1	45	39.7	40.9	42.5	40.4	40.1	40.8

Report Ref. No.-

URA/26/04/AN-042 dt 22/04/2026, URA/26/04/AN-050 dt 29/04/2026. URA/26/04/AN-048 dt. 28/04/2026, URA/26/04/AN-045 dt. 23/04/2026, URA/26/04/AN-051 dt. 30/04/2026, URA/26/04/AN-047 dt. 28/04/2026, URA/26/04/AN-013 dt. 07/04/2026

URA/26/05/AN-031 dt. 20/05/2026, URA/26/05/AN-046 dt. 29/05/2026, URA/26/05/AN-035 dt. 21/05/2026, URA/26/05/AN-34 dt. 21/05/2026, URA/26/05/AN-045 dt 29/05/2026. URA/26/05/AN-047 dt. 30/05/2026, URA/26/05/AN-030 dt. 20/05/2026

URA/26/06/AN-033 dt. 25/06/2026, URA/26/06/AN-040 dt. 30/06/2026, URA/26/06/AN-038 dt 27/06/2026, URA/26/06/AN-037 dt 27/06/2026, URA/26/06/AN-035 dt. 26/06/2026, URA/26/06/AN-039 dt. 30/06/2026, URA/26/06/AN-036 dt. 26/06/2026

URA/26/07/AN-015 dt. 29/07/2026, URA/26/07/AN-021 dt. 31/07/2026, URA/26/07/AN-019 dt 30/07/2026. URA/26/07/AN-018 dt 29/07/2026, URA/26/07/AN-016 dt. 29/07/2026, URA/26/07/AN-020 dt. 30/07/2026, URA/26/07/AN-017 dt. 29/07/2026

URA/26/08/AN-004 dt. 22/08/2026, URA/26/08/AN-021 dt 26/08/2026, URA/26/08/AN-018 dt. 25/08/2026, URA/26/08/AN-005 dt. 22/08/2026, URA/26/08/AN-023 dt. 29/08/2026, URA/26/08/AN-022 dt 29/08/2026. URA/26/08/AN-024 dt. 29/08/2026

URA/26/09/AN-034 dt 29/09/2026, URA/26/09/AN-035 dt. 29/09/2026, URA/26/09/AN-036 dt. 29/09/2026, URA/26/09/AN-037 dt. 29/09/2026, URA/26/09/AN-032 dt. 26/09/2026, URA/26/09/AN-033 dt 26/09/2026. URA/26/09/AN-031 dt 25/09/2026

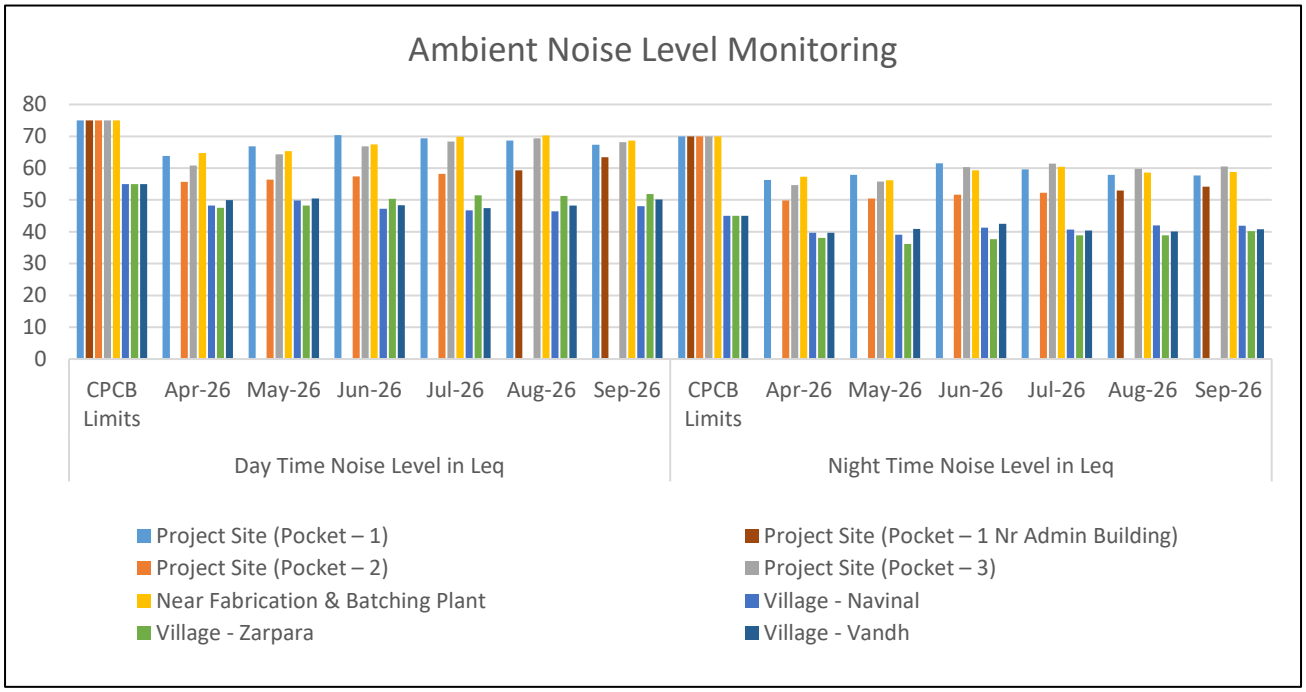
Observations

Industrial Zone

The daytime Leq (equivalent continuous sound level) in the industrial zone ranged from **55.7 dB(A) at Project Site (Pocket-2) to 70.4 dB(A) at Project Site (Pocket-1)**. During nighttime, the Leq levels ranged from **49.8 dB(A) at Project Site (Pocket-2) to 61.5 dB(A) at Project Site (Pocket-1)**. All monitored noise levels were within the prescribed CPCB limits of **75 dB(A) during daytime and 70 dB(A) during nighttime** for industrial areas.

Residential Zone

The daytime Leq levels in the residential zone ranged from **46.4 dB(A) at Village Navinal to 51.9 dB(A) at Village Zarpara**. During nighttime, the Leq levels ranged from **36.2 dB(A) at Village Zarpara to 42.5 dB(A) at Village Vandh**. All monitored ambient noise levels were within the prescribed CPCB limits of **55 dB(A) during daytime and 45 dB(A) during nighttime** for residential areas.



3.3 Water Quality

3.3.1 Ground Water Quality

Ground water was collected as grab samples from eight 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	May-26	May-26	May-26	May-26	May-26	May-26	May-26	May-26
1	pH	pH scale	6.5-8.5	NR	7.8	8.11	8.1	7.96	7.86	7.59	8.11	8.14
2	Temp	o C	NS	NS	30	30	30	30	30	29.5	29.5	30
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	1004	1890	1804	1804	1850	1850	1742	1984
5	Electrical Conductivity	µmhos/cm	NS	NS	1520	2860	2650	2840	2870	2810	2640	3360
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	234.2	521.3	570.2	555.5	722.4	508.8	528.3	812.9
10	Sulphate	mg/l	200	400	42.1	126.2	110.5	114.1	104.2	52.8	82	184.2
11	Total Hardness	mg/l	200	600	147	205.8	196	548.8	480.2	274.4	113.7	441
12	Ca++ Hardness	mg/l	NS	NS	98	88.2	58.8	225.4	215.6	147	58.8	176.4
13	Mg++ Hardness	mg/l	NS	NS	49	117.6	137.3	323.4	264.6	127.4	54.9	264.6
14	Total Alkalinity	mg/l	200	600	286.4	490.1	534.6	391.1	331.7	534.6	415.8	381.2
15	Nitrate	mg/l	45	NR	5.1	5.2	2.8	5.4	1.5	6.5	2.2	9.6

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	May-26	May-26	May-26	May-26	May-26	May-26	May-26	May-26
16	Fluoride	mg/l	1	1.5	0.78	0.84	1.26	1.06	1,25	1.38	1.27	0.98
17	Sodium	mg/l	NS	NS	222	486	505	424	484	484	456	662
18	Potassium	mg/l	NS	NS	3.2	14.2	9.1	4.5	7.6	4.1	3.5	3.9
19	Calcium	mg/l	75	200	39.3	35.4	23.6	90.3	86.4	58.9	23.6	70.7
20	Magnesium	mg/l	30	100	11.9	28.6	33.3	78.6	64.3	31	13.3	64.3
21	Salinity	mg/l	NS	NS	0.42	0.94	1.03	1	1.31	0.92	0.95	1.47
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 Phosphorus	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	6.5	6.4	6.4	6.4	6.5	6.4	6.3	6.4
25	Ammoniacal 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	8	14.7	15.7	7.9	9.6	12.7	18.6	13.8
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	May-26	May-26	May-26	May-26	May-26	May-26	May-26	May-26
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/26/XX/XXX & URB/26/XX/XXX					05/L-1059 06/L-1060	05/L-1057 06/L-1058	05/L-1047 06/L-1048	05/L-1053 06/L-1054	05/L-1051 06/L-1052	05/L-1055 06/L-1056	05/L-1049 06/L-1050	05/L-1061 06/L-1061

Observations :

"The analysed results were compared with IS:10500 drinking water standards to evaluate compliance and ensure safety. "

3.3.2 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	SW 08 Mota Bhadiya Pond
			Class E	May-26	May-26	May-26	May-26	May-26
1	pH	pH Scale	6.5 to 8.5	7.81	7.9	7.8	6.9	7.91
2	Dissolved Oxygen	mg/l	NA	5.2	6.4	6.5	5.9	6.3
3	TDS	mg/l	2100	1730	832	310	644	494
4	Electrical Conductivity	µmohs/cm	2250	2160	1310	480	982	750
5	BOD	mg/l	NA	7.2	6.3	6.0	3.8	4.1
6	Colour	Pt.co	-	BDL(MDL:5.0)	BDL(MDL:5.0)	BDL(MDL:5.0)	BDL(MDL:5.0)	BDL(MDL:5.0)
7	Total Hardness	mg/l	NA	725.2	117.6	82.3	117.6	176.4
8	Ca++ Hardness	mg/l	NA	264.6	62.7	43.1	74.5	90.2
9	Mg++ Hardness	mg/l	NA	460.6	54.9	39.2	43.1	86.2
10	Chlorides	mg/l	600	544	204.3	92.9	186.4	195.7
11	Sulphate	mg/l	1000	570	124.1	14.2	111.2	32.4
12	Nitrate	mg/l	NA	1.3	0.98	0.7	0.6	0.7
13	Fluoride	mg/l	-	1.31	0.48	0.65	0.41	0.82
14	Phenol	mg/l	NA	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)	BDL(MDL:0.001)
15	Ammoniacal Nitrogen	mg/l	NA	BDL(MDL:0.2)	BDL(MDL:0.2)	BDL(MDL:0.2)	BDL(MDL:0.2)	BDL(MDL:0.2)
16	SAR		26	5.8	3.1	1.9	2.8	2.5
17	Copper (as Cu)	mg/l	NA	BDL(MDL:0.05)	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)	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)	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)	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)	BDL(MDL:0.003)

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	SW 08 Mota Bhadiya Pond
			Class E	May-26	May-26	May-26	May-26	May-26
22	Arsenic (as As)	mg/l	NA	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)	BDL(MDL:0.01)
23	Cyanide	mg/l	NA	BDL(MDL:0.05)	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)	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)	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)	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)	BDL(MDL:0.5)
28	Total Coliform	MPN/100ml	-	Absent	Absent	Absent	Absent	Absent
29	COD	mg/l	-	20.4	36.4	20.4	12.3	28.4
			Report Ref. No.	URC/26/05/L-1073 URC/26/06/L-1074	URC/26/05/L-1071 URC/26/06/L-1072	URC/26/05/L-1069 URC/26/06/L-1070	URC/26/05/L-1076 URC/26/06/L-1076	URC/26/05/L-1077 URC/26/06/L-1078

Observations :

The analysed results were compared with CPCB Inland Surface Water Classification (Class E) to assess water quality.

3.3.3 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	May-26	May-26	May-26
1	pH	pH scale	6.5 to 8.5	7.9	8.05	8.21
2	Dissolved Oxygen	mg/l	5	6.7	6.2	6.4
3	Colour & Odour	-	No Colour No Odour	10 & Agreeable	5 & Agreeable	5 & 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	May-26	May-26	May-26
5	Total Suspended Solids (TSS)	mg/l	None from Sewage or Industrial waste Origin	48	24	28
6	Turbidity	NTU	-	5	1	1
7	BOD	mg/l	-	3.4	3.4	3.1
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	-	0.252	0.304	0.202
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	-	24.2	26.4	24.2
			Report Ref. No.	URC/26/05/L-1063 URC/26/06/L-1064	URC/26/05/L-1065 URC/26/06/L-1065	URC/26/05/L-1067 URC/26/06/L-1068

Observations :

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

3.3.4 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					
			Apr-26	May-26	Jun-26	Jul-26	Aug-26	Sep-26
1	pH @25°C	6.5 – 9.0	6.62	6.8	6.72	6.59	6.67	6.71
2	Total Suspended Solids (TSS)	<50	14	20	16	12	14	16
3	Chemical Oxygen Demand (COD)	-	27.4	36.2	31.2	32.1	32.5	32.4
4	Biochemical Oxygen Demand (BOD) (5 days at 20 0C)	<30	7	6.8	7.4	9	8.2	9
5	Total Nitrogen	-	6.4	8.1	7.2	5.3	5.8	4.2
6	Total Phosphorus	-	0.5	0.7	0.6	0.4	0.5	0.3
7	Faecal Coliform	<1000	27	17	24	26	23	25
Report Ref. No.: URC/26/04/0543, URC/26/05/0455, URC/26/06/0525, URC/26/07/0253, URC /26/08/0279, URC/26/09/0742								

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.

3.4 Soil Quality

Soil was collected as grab samples from three 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
			May-26	May-26	May-26
1	Porosity	%	46.3	42	35.5
2	Water Holding Capacity	ml/100 gm	32	31	31.9
3	Permeability	Cm/Sec	0.151	0.163	160
4	Particle Size Distribution				
a	Sand	%	70	67	72
b	Clay	%	12	12.9	12.2
c	Silt	%	18	20.1	15.8
5	Texture	classification	Sandy Loam	Sandy Loam	Sandy Loam
6	Cation Exchange Capacity	meq/100g	5.2	6.2	17

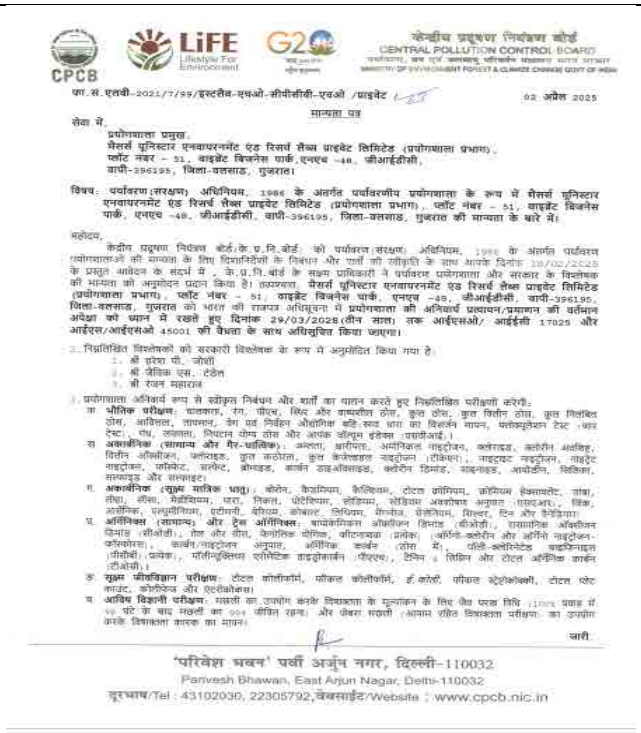
Sr. No.	Parameter	Unit	ST1a Pocket 1	ST1c Pocket 2	Pocket 3
			May-26	May-26	May-26
7	SAR	--	4.1	5.3	2.1
8	Electrical Conductivity	µs/cm	160	227	330
9	Exchangeable Sodium	--	7.5	12.2	9.2
10	pH	--	8.82	8.86	8.04
11	Calcium	--	445	502	2850
12	Magnesium	meq/100gm	134	152	94
13	Sodium	meq/100gm	380	525	424
14	Potassium	mg/kg	71	62.5	61
15	Total Organic Carbon	mg/kg	0.2	0.2	0.1
16	Available Phosphorus	mg/kg	7.8	8.58	8.3
17	Available Potassium	mg/kg	150	156	150.1
Report Ref. No.			**URC/26/05/L-1081**	**URC/26/05/L-1082**	**URC/26/05/L-1083**

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

Annexure 1: Laboratory Recognition by MOEFCC, NABL, GPCB Sch.II Auditor & NABET Certification



केन्द्रीय प्रदूषण नियंत्रण बोर्ड
CENTRAL POLLUTION CONTROL BOARD

फा.सं.एतवी-2021/7/99/इन्टरलैब-एचओ-सीपीसीबी-एचओ /ग्राइवेट 02 अप्रैल 2025

मान्यता पत्र

सेवा में,
प्रयोगशाला प्रमुख,
मैसर्स यूनिस्टार एनवायरनमेंट एंड रिसर्च लैब्स ग्राइवेट लिमिटेड (प्रयोगशाला प्रभाग),
प्लॉट नंबर – 51, वाइब्रेंट बिजनेस पार्क, एनएच –48, जीआईडीसी,
वापी-396195, जिला-वलसाड, गुजरात।

विषय: पर्यावरण (संरक्षण) अधिनियम, 1986 के अंतर्गत पर्यावरणीय प्रयोगशाला के रूप में मैसर्स यूनिस्टार एनवायरनमेंट एंड रिसर्च लैब्स ग्राइवेट लिमिटेड (प्रयोगशाला प्रभाग), प्लॉट नंबर – 51, वाइब्रेंट बिजनेस पार्क, एनएच –48, जीआईडीसी, वापी-396195, जिला-वलसाड, गुजरात की मान्यता के बारे में।

महोदय,

केंद्रीय प्रदूषण नियंत्रण बोर्ड/के.प्र.नि.बोर्ड, को पर्यावरण (संरक्षण) अधिनियम, 1986 के अंतर्गत पर्यावरण प्रयोगशालाओं की मान्यता के लिए दिशानिर्देशों के निर्धारण और उनमें की गई संशोधनों के साथ आपके दिनांक 10/02/2025 के प्रस्तुत आवेदन के संदर्भ में, के.प्र.नि.बोर्ड के सक्षम प्राधिकारी ने पर्यावरण प्रयोगशाला और परामर्श के विस्तारित की मान्यता को अनुमोदन प्रदान किया है। तदनुसार, मैसर्स यूनिस्टार एनवायरनमेंट एंड रिसर्च लैब्स ग्राइवेट लिमिटेड (प्रयोगशाला प्रभाग), प्लॉट नंबर – 51, वाइब्रेंट बिजनेस पार्क, एनएच –48, जीआईडीसी, वापी-396195, जिला-वलसाड, गुजरात को भारत की राजपत्र अधिसूचना में प्रयोगशाला की अनिवार्य प्रत्यायन/प्रमाणन की वर्तमान अपेक्षा को ध्यान में रखते हुए दिनांक 29/03/2028 (तीन साल) तक आईएसओ/ आईईसी 17025 और आईएस/आईएसओ 45001 की वैधता के साथ अधिसूचित किया जाएगा।

2. निम्नलिखित विश्लेषकों को सरकारी विश्लेषक के रूप में अनुमोदित किया गया है:
1. श्री धरेश पी. जोशी
2. श्री वेंकिश एम. टंडेल
3. श्री रंजन महाराज

3. प्रयोगशाला अनिवार्य रूप से स्वीकृत निर्बंधन और शर्तों का पालन करते हुए निम्नलिखित परीक्षणों करेगी:
क. भौतिक परीक्षण: घालवण, रंग, पीएच, सिंद और थाम्बरीय ठोस, कुल ठोस, कुल विलीन ठोस, कुल निलंबित ठोस, आविलता, तापमान, वेग एवं निर्वहन औद्योगिक बहि-स्राव धारा का विश्लेषण मापन, प्लवीलूलेशन टेस्ट (जार टेस्ट), रंध, लवणता, निपटान योग्य ठोस और आर्सेनिक वोलूम इंडेक्स (एसवीआई)।
ख. अकार्बनिक (सामान्य और गैर-धात्विक): अम्लता, क्षारीयता, अमोनिकल नाइट्रोजन, क्लोराइड, क्लोरीन अवशिष्ट, वितरित ऑक्सीजन, फ्लोराइड, कुल कठोरता, कुल केजेलडाल नाइट्रोजन (टीकेएन), नाइट्राइट नाइट्रोजन, नाइट्रेट नाइट्रोजन, फास्फेट, सल्फेट, क्रोमाइड, कार्बन डाइऑक्साइड, क्लोरीन डिमांड, साइनाइड, आर्सेनिक, सिलिका, सल्फाइड और सल्फाइट।
ग. अकार्बनिक (सूक्ष्म मात्रिक धातु): बोरोन, कैल्शियम, कैल्शियम, टोटल क्रोमियम, क्रोमियम हेक्साक्लेट, ताम्बा, लोहा, सीसा, मैग्नीशियम, पारा, निकल, पोटेशियम, सेलेनियम, सोडियम अवशोषण अनुपात (एसएआर), सिल्क, आर्सेनिक, एल्यूमीनियम, बरीलयी, बेरियम, कोबाल्ट, लिथियम, मैंगनीज, मोलिब्डेनम, सिल्वर, टिन और टेलेडियम।
घ. ऑर्गेनिक्स (सामान्य) और ट्रेस ऑर्गेनिक्स: बायोकेमिकल ऑक्सीजन डिमांड (बीओडी), रासायनिक ऑक्सीजन डिमांड (सीओडी), तेल और ग्रीस, क्लोरोफिल फीनिक, फिनोलमय (प्रत्येक) (ऑर्गेनो-क्लोरीन और ऑर्गेनो नाइट्रोजन-फॉस्फोरस), कार्बन/नाइट्रोजन अनुपात, ऑर्गेनिक कार्बन (टोस में), पॉली-क्लोरिनेटेड बाइफिनाइल (पीसीबी) (प्रत्येक), मॉलिब्डिनम एरोमेटिक हाइड्रोकार्बन (पीएच), टैनिन & लिग्निन और टोटल ऑर्गेनिक कार्बन (टीओसी)।
ङ. सूक्ष्म जीवविज्ञान परीक्षण: टोटल कॉलीफॉर्म, फीकल कॉलीफॉर्म, ई.कोली, पीवाल स्ट्रेप्टोकोक्की, टोटल प्लेट काउंट, कोलीफेज और ऐरोबोकास।
च. आविष विज्ञानी परीक्षण: मछली का उपयोग करके विषाक्तता के मूल्यांकन के लिए जैव परख विधि (1961 पेपर में 96 घंटे के बाद मछली का 90% जीवित रहना) और जेबरा मछली (आयाम रहित विषाक्तता परीक्षण) का उपयोग करके विषाक्तता कारक का मापन।

जारी

'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032
Parivesh Bhawan, East Arjun Nagar, Delhi-110032
दूरभाष/Tel : 43102030, 22305792, वेबसाईट/Website : www.cpcb.nic.in

Laboratory Recognition by MOEFCC



National Accreditation Board for Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD. (LABORATORY DIVISION)

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

"General Requirements for the Competence of Testing & Calibration Laboratories"

for its facilities at

PLOT NO. 51, VIBRANT BUSINESS PARK, NH-48, GIDC, VAPI, VALSAD, GUJARAT, INDIA

in the field of

TESTING

Certificate Number: TC-4515C

Issue Date: 23/01/2025 Valid Upto: 22/01/2028

This certificate supersedes the Certificate No. TC-7745 with effect from 23/01/2024 in view of change in premises of the laboratory.

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.
(Details of the scope of accreditation (fixed/mobile/temporary) are available in NABL website www.nabl-india.org)

Name of Legal Entity: UNISTAR ENVIRONMENT AND RESEARCH LABS PVT. LTD.

Signed for and on behalf of NABL

Arnija Anand
Director

N. Venkateswaran
Chief Executive Officer

Laboratory Recognition by NABL



GUJARAT POLLUTION CONTROL BOARD
Paryavaran Bhavan
Sector - 10 A, Gandhinagar - 382 010.

R.A.P.D

No. GPCB/EAC/SCH-II/25/ 80944 Date: 09 JUL 2026

To,
Unistar Environment and Research Labs Pvt. Ltd.
Plot No. 51, Vibrant Business Park, NH-48,
GIDC, Vapi, 396195, Dist. Valsad.

Sub: - Renewal of Recognition as Schedule-II Environmental Auditor with team member change.
Sir,

This refers to your application for renewal of recognition as Schedule-II Environmental Auditor along with team member change and subsequent visit of your laboratory by Environment Audit Committee members. It is recommended by the Environment Audit Committee members, to renew the recognition of your firm as Schedule-II Environmental Auditor along with two team members change for carrying out the Environmental Audit under Environment Audit Scheme with following conditions.

1) Recognition is valid up to 31/12/2027.
2) You shall have maximum two teams for the Environment Audit.
3) You shall carry out maximum 30 nos. of Environment Audit in a year.
4) Team members shall be as under :

Sr. No.	Name	Designation
Team-1		
1	Mr. G.G. Thumar	Environment Engineer
2	Mr. Devang B. Patel	Chemical Engineer
3	Mr. Jaivik S. Tandel	Chemist
4	Mr. Ranjan Maharaj	Microbiologist
Team-2		
1	Ms. Divya K. Patel	Environment Engineer
2	Ms. Bijal J. Patel	Chemical Engineer
3	Mr. Viral A Patel	Chemist
4	Ms. Kinjal I. Dhimmar	Microbiologist

5) You shall prepare and submit the Environment Audit report and to comply the conditions for Environment Auditors as per the Hon'ble High Court order dated 20/12/1996, 13/03/1997, 16/09/1999, and also the Guidelines prepared by Gujarat Pollution Control

Clean Gujarat Green Gujarat P.T.O
An ISO 9001: 2008 & ISO 14001: 2004 Certified Organization

Laboratory Recognition by GPCB



भारतीय गुणवत्ता परिषद
QUALITY COUNCIL OF INDIA

National Accreditation Board for Education and Training

Certificate of Accreditation

UniStar Environment and Research Labs Pvt. Ltd.
Plot No. 51, Vibrant Business Park, NH-48, GIDC, Vapi, Gujarat, PIN-396195

UniStar Environment and Research Labs Pvt. Ltd. Vapi is Re-Accredited (RA5) as Category-A organization under the QCI-NABET Scheme for Accreditation of EIA Consultant Organizations (Version 3), for the preparation of EIA/EMP reports in the sectors listed below, as per the specified categories

S. No	Sector Description	Sector (as per) NABET	Sector (as per) MoEFCC	Cat.
1.	Thermal power plants	4	1 (d)	A
2.	Metallurgical industries (ferrous & non-ferrous)	8	3 (a)	A
3.	Manmade fibers manufacturing	19	5 (d)	A
4.	Petrochemical based processing (processes other than cracking & reformation and not covered under the complexes)	20	5 (e)	A
5.	Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)	21	5 (f)	A
6.	Integrated paint industry	23	5 (h)	B
7.	Air ports	29	7 (a)	A
8.	Building and construction projects	38	8 (a)	B

Note: Names of approved experts and sectors are mentioned in RAAC minutes dated January 22, 2026, posted on QCI-NABET website.

The Accreditation shall remain in force subject to continued compliance to the terms and conditions mentioned in QCI-NABET's letter of accreditation bearing no QCI/NABET/ENV/ACO/26/4017 dated January 28, 2026. The accreditation needs to be renewed before the expiry date by UniStar Environment and Research Labs Pvt. Ltd following due process of assessment.

Valid up to
February 15, 2029

Issue Date
January 28, 2026

Certificate No.
NABET/EIA/26-29/RA 0476

Prof (Dr) Varinder S Kanwar
(CEO – NABET)

For the updated List of Accredited EIA Consultant Organizations with approved Sectors please refer to QCI-NABET website.

NABET Certification

Annexure 2: Calibration Certificates



Calibration Certificate

Instrument Name	:	Respirable Dust Sampler
Instrument ID No.	:	UERL/AIR/RDS/15
Instrument Sr. No. Supplier	:	2345-DTB-2012,1039-DTC-2012
Calibration Certificate No.	:	**UERL/CC/RDS-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.	Flow Meter	Top Loading Orifice Envirotech Calibration Laboratory Id No.: (UERL/MASTER/AIR/AA/MM/01)	ECL/UERLPL/2025-26/FLOW/3146 Date of Call.: 23.08.2025
	ID. No. (UERL/AIR/RDS/FM/15)	Differential pressure meter Envirotech Calibration Laboratory	ECL/UERLPL/2025-26/MECH/3147 Date of Call.: 23.08.2025
2.	Time Totalizer	Envirotech Calibration Laboratory	ECL/UERLPL/2025-26/ET/5598
	ID. No. (UERL/AIR/RDS/TT/15)	ID. No. (UERL/MASTER/AIR/TT/01)	Date of Call.: 06.12.2025
3.	Rotameter	Rotameter Envirotech Calibration Laboratory	ECL/UERLPL/2025-26/FLOW/5597
	ID. No. (UERL/AIR/RDS/RM/15)	ID. No. (UERL/MASTER/AIR/RM/02)	Date of Call.: 05.12.2025

- UNCERTAINTY MEASUREMENT: Flow Meter : ± 0.061 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 fact or 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 — UERL/AIR/F-73/00

Calibration Certificate for RDS



Calibration Certificate

Instrument Name	:	Fine Particulate Sampler
Instrument ID No.	:	UERL/AIR/FPS/13
Instrument Sr. No. Supplier	:	132-DTL-2012
Calibration Certificate No.	:	UERL/CC/FPS-13/1219/25-26
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/UERLPL/2025-26/FLOW/5596
	ID. No. (UERL/AIR/FPS/RM/13)	ID No. (UERL/MASTER/AIR/RM/01)	Date of Call.: 06.12.2025
2.	Time Totalizer	Envirotech Calibration Laboratory	ECL/UERLPL/2025-26/ET/5598
	ID. No. (UERL/AIR/FPS/TT/13)	ID. No. (UERL/MASTER/AIR/TT/01)	Date of Call.: 06.12.2025

- UNCERTAINTY MEASUREMENT: Rotameter : ± 0.475 LPM
- UNCERTAINTY MEASUREMENT: Time Totalizer : ± 0.031 hour

The reported uncertainty is the expanded uncertainty in measurement at 95 % Confidence level with coverage fact or 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 — UERL/AIR/F-75/00

Calibration Certificate for FPS



Calibration Certificate

Instrument Name	:	Respirable Dust Sampler
Instrument ID No.	:	UERL/AIR/RDS/16
Instrument Sr. No. Supplier	:	1744-DTA-2013,1127-DTJ-2012
Calibration Certificate No.	:	**UERL/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 Orifice Envirotech Calibration Laboratory Id No.: (UERL/MASTER/AIR/AA/MM/01)	ECL/UERLPL/2025-26/FLOW/3146 Date of Call.: 23.08.2025
	ID. No. (UERL/AIR/RDS/FM/16)	Differential pressure meter Envirotech Calibration Laboratory	ECL/UERLPL/2025-26/MECH/3147 Date of Call.: 23.08.2025
2.	Time Totalizer	Envirotech Calibration Laboratory	ECL/UERLPL/2025-26/ET/5598
	ID. No. (UERL/AIR/RDS/TT/16)	ID. No. (UERL/MASTER/AIR/TT/01)	Date of Call.: 06.12.2025
3.	Rotameter	Rotameter Envirotech Calibration Laboratory	ECL/UERLPL/2025-26/FLOW/5597
	ID. No. (UERL/AIR/RDS/RM/16)	ID. No. (UERL/MASTER/AIR/RM/02)	Date of Call.: 05.12.2025

- UNCERTAINTY MEASUREMENT: Flow Meter : ± 0.061 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 fact or 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 — UERL/AIR/F-73/00

Calibration Certificate for RDS



Calibration Certificate

Instrument Name	:	Fine Particulate Sampler
Instrument ID No.	:	UERL/AIR/FPS/14
Instrument Sr. No. Supplier	:	137-DTD-2013
Calibration Certificate No.	:	UERL/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	ECL/UERLPL/2025-26/FLOW/5596
	ID. No. (UERL/AIR/FPS/RM/14)	ID No. (UERL/MASTER/AIR/RM/01)	Date of Call.: 06.12.2025
2.	Time Totalizer	Envirotech Calibration Laboratory	ECL/UERLPL/2025-26/ET/5598
	ID. No. (UERL/AIR/FPS/TT/14)	ID. No. (UERL/MASTER/AIR/TT/01)	Date of Call.: 06.12.2025

- UNCERTAINTY MEASUREMENT: Rotameter : ± 0.475 LPM
- UNCERTAINTY MEASUREMENT: Time Totalizer : ± 0.031 hour

The reported uncertainty is the expanded uncertainty in measurement at 95 % Confidence level with coverage fact or 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 — UERL/AIR/F-75/00

Calibration Certificate for FPS



Calibration Certificate

Instrument Name	:	Respirable Dust Sampler
Instrument ID No.	:	UERL/AIR/RDS/17
Instrument Sr. No. Supplier	:	1745-DTA-2013,,1139-DTA-2013
Calibration Certificate No.	:	**UERL/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 ID. No. (UERL/AIR/RDS/FM/17)	Top Loading Orifice Envirotech Calibration Laboratory Id No.: (UERL/MASTER/AIR/AA/MM/01) Differential pressure meter Envirotech Calibration Laboratory	ECL/UERLPL/2025-26/FLOW/3146 Date of Cali.: 23.08.2025 ECL/UERLPL/2025-26/MECH/3147 Date of Cali.: 23.08.2025
2.	Time Totalizer ID. No. (UERL/AIR/RDS/TT/17)	Envirotech Calibration Laboratory ID. No. (UERL/MASTER/AIR/TT/01)	ECL/UERLPL/2025-26/ET/5598 Date of Cali.: 06.12.2025
3.	Rotameter ID. No. (UERL/AIR/RDS/RM/17)	Rotameter Envirotech Calibration Laboratory ID. No. (UERL/MASTER/AIR/RM/02)	ECL/UERLPL/2025-26/FLOW/5597 Date of Cali.: 05.12.2025

- UNCERTAINTY MEASUREMENT: Flow Meter : ± 0.061 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 fact or 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 UERL/AIR/F-73/00



Calibration Certificate

Instrument Name	:	Fine Particulate Sampler
Instrument ID No.	:	UERL/AIR/FPS/15
Instrument Sr. No. Supplier	:	125-DTD-2013
Calibration Certificate No.	:	UERL/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 ID. No. (UERL/AIR/FPS/RM/15)	Envirotech Calibration Laboratory ID No. (UERL/MASTER/AIR/RM/01)	ECL/UERLPL/2025-26/FLOW/5596 Date of Cali.: 06.12.2025
2.	Time Totalizer ID. No. (UERL/AIR/FPS/TT/15)	Envirotech Calibration Laboratory ID. No. (UERL/MASTER/AIR/TT/01)	ECL/UERLPL/2025-26/ET/5598 Date of Cali.: 06.12.2025

- UNCERTAINTY MEASUREMENT: Rotameter : ± 0.475 LPM
- UNCERTAINTY MEASUREMENT: Time Totalizer : ± 0.031 hour

The reported uncertainty is the expanded uncertainty in measurement at 95 % Confidence level with coverage fact or 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 UERL/AIR/F-75/00

Calibration Certificate for RDS | **Calibration Certificate for FPS**



Calibration Certificate

Instrument Name	:	Respirable Dust Sampler
Instrument ID No.	:	UERL/AIR/RDS/18
Instrument Sr. No. Supplier	:	1751-DTA-2013 1142-DTA-2013
Calibration Certificate No.	:	**UERL/CC/RDS-18/1220/25-26**
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 ID. No. (UERL/AIR/RDS/FM/18)	Top Loading Orifice Envirotech Calibration Laboratory Id No.: (UERL/MASTER/AIR/AA/MM/01) Differential pressure meter Envirotech Calibration Laboratory	ECL/UERLPL/2025-26/FLOW/3146 Date of Cali.: 23.08.2025 ECL/UERLPL/2025-26/MECH/3147 Date of Cali.: 23.08.2025
2.	Time Totalizer ID. No. (UERL/AIR/RDS/TT/18)	Envirotech Calibration Laboratory ID. No. (UERL/MASTER/AIR/TT/01)	ECL/UERLPL/2025-26/ET/5598 Date of Cali.: 06.12.2025
3.	Rotameter ID. No. (UERL/AIR/RDS/RM/18)	Rotameter Envirotech Calibration Laboratory ID. No. (UERL/MASTER/AIR/RM/02)	ECL/UERLPL/2025-26/FLOW/5597 Date of Cali.: 05.12.2025

- UNCERTAINTY MEASUREMENT: Flow Meter : ± 0.061 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 fact or 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 UERL/AIR/F-73/00



Calibration Certificate

Instrument Name	:	Fine Particulate Sampler
Instrument ID No.	:	UERL/AIR/FPS/16
Instrument Sr. No. Supplier	:	129-DTL-2012
Calibration Certificate No.	:	UERL/CC/FPS-16/1220/25-26
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 ID. No. (UERL/AIR/FPS/RM/16)	Envirotech Calibration Laboratory ID No. (UERL/MASTER/AIR/RM/01)	ECL/UERLPL/2025-26/FLOW/5596 Date of Cali.: 06.12.2025
2.	Time Totalizer ID. No. (UERL/AIR/FPS/TT/16)	Envirotech Calibration Laboratory ID. No. (UERL/MASTER/AIR/TT/01)	ECL/UERLPL/2025-26/ET/5598 Date of Cali.: 06.12.2025

- UNCERTAINTY MEASUREMENT: Rotameter : ± 0.475 LPM
- UNCERTAINTY MEASUREMENT: Time Totalizer : ± 0.031 hour

The reported uncertainty is the expanded uncertainty in measurement at 95 % Confidence level with coverage fact or 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 UERL/AIR/F-75/00

Calibration Certificate for RDS | **Calibration Certificate for FPS**



Matrix Test & Cal LLP
CERTIFIED CALIBRATION & VALIDATION SERVICES

CC-2664

CALIBRATION CERTIFICATE

SUBJECT: CALIBRATION OF SOUND LEVEL METER	CERTIFICATE NO.: MTCL/MCH/2514/04/2025-26	
	Certificate Issue Date 15/12/2025	Page 1 of 1

1. **Scope**

1.1	Service Request Details	Calibration
1.1.1	Service Request No.	MTCL/2514/25-26
1.1.2	Service Request Finalized On	10/12/2025
1.1.3	Unique Lab Report Number (ULR No.)	CC266425000099549F
1.1.4	Discipline / Group	Mechanical / Acoustics
1.1.5	Name & Address of Organization	UNISTAR ENVIRONMENT AND RESEARCH LABS. PVT. LTD. (LABORATORY DIVISION) Plot No. 51, Vibrant Business Park, GIDC, Vapi, Gujarat, India, 396195.

1.2 **Item Details**

1.2.1 Condition of the Item: Working

1.2.2

Nomenclature	SOUND LEVEL METER		
Make	Metravi	Model No.	SL-4015
ID No.	UERL/AIR/SLM/02	Sr.No.	221209404
Range	30 to 130 dB dB @1 kHz	Type	Digital
Least Count	0.1 dB @1 kHz	Accuracy / Accep. Crite.	---
Department	---	Location	---

1.3 Item Received On: Dt. 12/12/2025

1.4 **Metrological Traceability Details**

Instrument Name	Range	UID No.	Certificate No.	Accreditation No.	Due Date
Sound Level Calibrator	94 dB & 114 dB	ML/MSLC/001 (1328674)	SSPL5935	CC-2931	08/09/2026

1.4.1 Operating Procedures Used: ML/SOP/M/AC/001

1.4.2 Reference Standard: IS : 9779:1981

1.5 Date of Calibration: 13-December-2025

1.6 Recommended Due Date of Calibration: 12-December-2026

1.7 OBSERVATIONS:

1.7.1 Calibrated At: Laboratory Ambient: Temperature: 24.3 °C Humidity: 52.4 %RH

1.7.2 Parameter:Sound (dB @1 kHz)

1.7.3 CALIBRATION RESULTS

Sr. No.	Calibration Point	Set Value on IUC (A)	Measured Value on Master (B)	Error (A - B)	(±) Expanded Uncertainty
1	94	94	94.2	-0.2	0.670 dB @1 kHz
2	114	114	114.5	-0.5	0.670 dB @1 kHz

Note: The value mentioned above is the mean of 5 readings.

1.8 **General Remarks:**

• The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor k=2, which corresponds to a coverage probability of approximately 95% for a normal distribution.

Calibrated By: Abhishek Singh, Technical Manager

AUTHORISED SIGNATORY

Ranjit Rohit / Hitesh Patel
Technical Director / Quality Manager

MATRIX TEST & CAL LLP 396195 VAPI

End of Certificate

Doc. No. Form 21, Amend. 01 Dt. 03-03-2025

B-209 & B-210 2nd Floor, "B" Wing, M Cube,The Business Hub, Opp. Taluka Seva Sadan, Balitha, Vapi-396 191 Gujarat (India) Cell:098253 17475,Off. 097238 20970
Website : www.matrixlab.in, E-mail : info@matrixlab.co.in, matrixvapi@rediffmail.com

CERTIFICATE

Calibration Certificate for Sound Level Meter

UniStar Environment & Research Labs Pvt. Ltd.

White House, Near GIDC Office, Char Rasta, Vapi,

Gujarat, India – 396195



Annexure - IX

adani Petrochemicals	Adani Petrochemicals Limited **Environmental Policy**	Document No.- APL/ESG/POL/002 Rev.- 00 Date of Issue – 24 June 2026

Purpose

At Adani Petrochemicals Limited (APL), we are committed to the continual improvement of our environmental performance through the implementation of a robust Environmental Management System (EMS) across all business operations.

We strive to eliminate or minimize adverse environmental impacts across the entire lifecycle of our activities by implementing effective pollution prevention measures and promoting the sustainable use and conservation of natural resources.

Furthermore, we aspire to achieve environmental excellence and demonstrate leadership relative to our industry peers.

Scope

This policy is applicable to all new projects and operations under the organization's control or influence and applies to all employees & business partners. The policy is applicable throughout the entire lifecycle of operations, including planning, engineering & process design, supply chain, project construction, operations, and closure, in alignment with Group level policy on Environment Management.

Key objectives of the Environmental Policy

- Comply with all the applicable national, regional, and local environmental regulations and statutory obligations and strive to go beyond compliance. In the absence (or lack) of appropriate legislation, industry's best practices and applicable international standards will be used.
- Continuously improve our environmental performance and tackle climate change by undertaking appropriate mitigation & adaptation measures.
- Set Goals and Targets to reduce our environmental impact, focusing on reduction of greenhouse gases (GHG) & other air emissions, efficient use of energy and raw materials, waste management through circular-economy principles, water conservation, pollution prevention and product stewardship.
- Consistently assess environmental risks and opportunities, manage associated environmental aspects and impacts across the lifecycle, implement appropriate mitigation and adaptation measures, and ensure effective communication of our environmental strategy to relevant interested parties.
- Conserve natural resources by integrating environmentally sound and energy-efficient technologies into process design to enhance resource efficiency and minimize environmental impacts.
- Aim to achieve Net Zero emissions in line with India's climate change commitments under the Paris Agreement and strive to achieve our electricity requirements from renewable sources to the maximum possible extent.
- Conserve and protect biodiversity and ecosystems in and around our operational sites in collaboration with relevant stakeholders.
- Conduct training and capacity-building sessions for all employees to increase understanding about the environmental impacts of their activities and encourage responsible practices.

Adani Petrochemicals Limited
"Adani Corporate House",
Shantigram, Near Vaishno Devi Circle,
S. G. Highway, Khodiyar
Ahmedabad 382 421
Gujarat, India
CIN: U23209GJ2021PLC124540

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

- Continually engage with internal and external stakeholders to raise awareness about environmental impacts and adopt principles and practices in alignment with this policy and industry best practices.
- Monitor, measure and report the progress on our environmental performance in alignment with national and international protocols and communicate our approach and achievements to relevant stakeholders.
- Conduct environmental due diligence and impact assessments for new projects, expansions, existing operations, and mergers and acquisitions to identify, evaluate, and prioritize environmental aspects, risks, and opportunities, and implement effective measures to mitigate potential environmental impacts.
- Undertake internal and third-party audits at regular intervals to assess the environmental performance and implement impact mitigation strategies, as required.

Responsibility & Review:

The implementation of this policy is overseen by the Board of Directors of APL. The Chief Sustainability Officer (CSO), Head – Environment together with Environment & Sustainability Leads and Business Heads of respective APL businesses/operations are accountable for ensuring effective implementation, integration, and continual improvement of the Environmental Management System (EMS).

All employees and business partners are responsible for adhering to established environmental procedures and operational controls and for promoting a culture of environmental responsibility to support continual improvement in environmental performance across the organization.

The ESG Committee of the respective business and/or operations, constituted by the Board, shall periodically review this policy and recommend revisions, as necessary, to ensure its continued relevance, adequacy, and effectiveness.

This Policy must be viewed in conjunction with other policies implemented by APL, including – but not limited to – Energy Management Policy, Biodiversity Policy, Water Stewardship Policy, Waste Management Policy, Resource Conservation Policy, Climate Change Policy, ESG Policy.

Signed by:

Jayant Parimal
Chief Executive Officer,
Adani Petrochemicals Limited

Annexure - X

adani

Ref: AEL/MPL/ENV/MoEF&CC/2022 – September/11 Date: 30/09/2022

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

Subject: Environmental Clearance (EC) for proposed project activities "**Semi Coke–2030 KTPA, Calcium Carbide–2900 KTPA, Cement–6 MTPA; Clinker–4 MTPA near village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat** by M/s Adani Enterprises Ltd.

Reference: EC Identification no EC22A009GJ154137, File no. IA-J-11011/423/2021-IA-II(IND-I) Dated 26/09/2022

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 "Semi Coke–2030 KTPA, Calcium Carbide–2900 KTPA, Cement–6 MTPA; Clinker–4 MTPA (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-Kutch, 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 Any EIA Notification) by M/s Adani Enterprises Ltd" vide EC Identification no EC22A009GJ154137, File no. IA-J-11011/423/2021-IA-II(IND-I) Dated 26/09/2022.

Accordingly, in compliance of Miscellaneous condition no. (i) & (ii) of Environmental clearance, we are submitting herewith copy of environmental clearance as **Annexure – A** along with copies of newspaper publications (**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://www.adanienterprises.com/-/media/4BAE7363F8C843B8B659F4AC21587F8A.ashx" for your reference and record 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

1/10/22

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

adani

The details of the newspaper publication are given below:

Sr. no.	Name of News Paper	Language	Date of Publication
1	Kutch Mitra	Gujarati	30/09/2022
2	Gujarat Samachar	Gujarati	30/09/2022
3	The Times of India	English	30/09/2022

Thanking You.
Yours Faithfully,

Authorized Signatory for Adani Enterprises Ltd,



Prodyut Maji (Project - Head)

Encl: As Above

Copy to:

1). **The Member Secretory,**
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,
Deendayal Port Trust, Sector – 08,
Gandhidham – Kuchchh, 370 201

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

પત્ર નહીં મિત્ર
કચ્છમિત્ર
ભુજ - શુક્રવાર, તા. ૩૦-૦૯-૨૦૨૨

અદાણી એન્ટરપ્રાઇઝીસ લિમિટેડ

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

જાહેર નોટિસ

મેં. અદાણી એન્ટરપ્રાઇઝીસ લિમિટેડ, APSEZ ઔદ્યોગિક જમીન, વાંઢ & ટૂંડા ગામ નજીક, તા: મુન્દ્રા, જી: કચ્છ, ગુજરાત ખાતે પ્રસ્તાવિત **"એકટીવીટી જેવીકે સેમી કોક -૨૦૩૦ કે.ટી.પી.એ.; કેલ્શિયમ કાર્બાઇડ - ૨૯૦૦ કે.ટી.પી.એ; સિમેન્ટ - ૬ એમ.ટી.પી.એ; ક્લિનકર - ૪ એમ.ટી.પી.એ.** (જે સૂચિત કોલ ટુ પોલી-વિનાયલ (પી.વી.સી.) પ્રોજેક્ટ ના ભાગ રૂપે મેં. અદાણી એન્ટરપ્રાઇઝીસ લિમિટેડ દ્વારા પ્રસ્તાવિત, APSEZ ઔદ્યોગિક જમીન, વાંઢ & ટૂંડા ગામ નજીક, તા: મુન્દ્રા, જી: કચ્છ, ગુજરાત, જેમાં ઇન્ડસ્ટ્રી-૧ પ્રોજેક્ટ-સેમી કોક-૨૦૩૦ કે.ટી.પી.એ.; સિમેન્ટ-૬ એમ.ટી.પી.એ; ક્લિનકર-૪ એમ.ટી.પી.એ; ઇન્ડસ્ટ્રી-૨ પ્રોજેક્ટ-વી.સી.એમ-૨૦૦૨ કે.ટી.પી.એ., પી.વી.સી.-૨૦૦૦ કે.ટી.પી.એ., ઈથીલીન 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 કેલ્શિયમ 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. - EC22A009GJ154137, File No. - IA-J-11011/423/2021-IA-II(IND-I) dated 26/09/2022** 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 સાઈટ https://parivesh.nic.in પરથી પણ જોઈ શકાશે. તદ્ ઉપરાંત એન્વિરોન્મેન્ટ ક્લીયરન્સ ની કોપી કંપનનીની વેબસાઈટ https://www.adanienterprises.com/-/media/4BAE7363F8C843B8B659F4AC21587F8A.ashx પણ જોઈ શકાશે.

sd-

પ્રોદ્યુત માજી (પ્રોજેક્ટ હેડ)
મેં. અદાણી એન્ટરપ્રાઇઝીસ લિમિટેડ

News Paper: Kutch Mitra, Page no:5, Date:30/09/2022, Language: Gujarati

અદાણી એન્ટરપ્રાઇઝીસ લિમિટેડ

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

જાહેર નોટિસ

મે. અદાણી એન્ટરપ્રાઇઝીસ લિમિટેડ, APSEZ ઔદ્યોગિક જમીન, વાંટ & ટૂંડા ગામ નજીક, તા: મુન્દ્રા, જી: કચ્છ, ગુજરાત ખાતે પ્રસ્તાવિત **"એકટીવીટી જેવીકે સેમી કોક -૨૦૩૦ કે.ટી.પી.એ.; કેલ્શિયમ કાર્બાઇડ - ૨૯૦૦ કે.ટી.પી.એ; સિમેન્ટ - ૬ એમ.ટી.પી.એ; ક્લિનકર - ૪ એમ.ટી.પી.એ.** (જે સૂચિત કોલ ટુ પોલી-વિનાયલ (પી.વી.સી.) પ્રોજેક્ટ ના ભાગ રૂપે મે. અદાણી એન્ટરપ્રાઇઝીસ લિમિટેડ દ્વારા પ્રસ્તાવિત, APSEZ ઔદ્યોગિક જમીન, વાંટ & ટૂંડા ગામ નજીક, તા: મુન્દ્રા, જી: કચ્છ, ગુજરાત, જેમાં ઇન્ડસ્ટ્રી-૧ પ્રોજેક્ટ-સેમી કોક-૨૦૩૦ કે.ટી.પી.એ.; સિમેન્ટ-૬ એમ.ટી.પી.એ; ક્લિનકર-૪ એમ.ટી.પી.એ; ઇન્ડસ્ટ્રી-૨ પ્રોજેક્ટ-વી.સી.એમ-૨૦૦૨ કે.ટી.પી.એ., પી.વી.સી.-૨૦૦૦ કે.ટી.પી.એ., ઈથીલીન 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 કેલ્શિયમ 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. - EC22A009GJ154137, File No. - IA-J-11011/423/2021-IA-II(IND-I) dated 26/09/2022** 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 સાઈટ https://parivesh.nic.in પરથી પણ જોઈ શકાશે. તદ્ ઉપરાંત એન્વિરોન્મેન્ટ ક્લીયરન્સ ની કોપી કંપનનીની વેબસાઈટ https://www.adanienterprises.com/-/media/4BAE7363F8C843B8B659F4AC21587F8A.ashx પણ જોઈ શકાશે.

sd-

પ્રોદ્યુત માજી (પ્રોજેક્ટ હેડ)

મે. અદાણી એન્ટરપ્રાઇઝીસ લિમિટેડ

News Paper: Gujarat Samachar, Page no:7, Date:30/09/2022,
Language: Gujarati

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 **"Semi Coke–2030 KTPA, Calcium Carbide–2900 KTPA, Cement–6 MTPA; Clinker–4 MTPA** (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. - EC22A009GJ154137, File No. - IA-J-11011/423/2021-IA-II(IND-I) dated 26/09/2022.** 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/4BAE7363F8C843888659F4AC21587F8A.ashx

sd-

Prodyut Maji (Project Head)
M/s Adani Enterprises Limited

News Paper: The Times of India, Page no:13, Date:30/09/2022, Language: English

Annexure - XI

adani

O/C

Ref: AEL/MPL/ENV/MoEF&CC/2022 – September/08 Date: 28/09/2022

To,

Ms. Praveena D.K. (IAS),
Collector & DM,
Collector Office, Jilla Seva Sadan,
Bhuj – Kuchchh, 370 001

Subject: Environmental Clearance (EC) for proposed project activities "**Semi Coke–2030 KTPA, Calcium Carbide–2900 KTPA, Cement–6 MTPA; Clinker–4 MTPA near village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat** by M/s Adani Enterprises Ltd.

Reference: EC Identification no. EC22A009GJ154137 File No. IA-J-11011/423/2021-IA-II(IND-I) Dated 26/09/2022

Respected Ma'am,

With reference to above subject, this is to inform that Ministry of Environment, Forest and Climate Change has granted Environment Clearance (EC) for our project "**Semi Coke–2030 KTPA; Calcium Carbide–2900 KTPA; Cement–6 MTPA; Clinker–4 MTPA** (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. EC22A009GJ154137, File No. IA-J-11011/423/2021-IA-II(IND-I) Dated 26/09/2022.

Accordingly, as required under Miscellaneous condition No. **ii** of EC, we are submitting herewith copy of Environment Clearance for the said project for your reference and further necessary action, please.

Thanking You.
Yours Faithfully,
Authorized Signatory for Adani Enterprises Ltd,

Prodyut Maji (Project - Head)

Encl: As Above

Copy to:

1). **The District Development Officer,**
Jilla Pachayat, Opposite Surmandir Multiplex,
Bhuj – Kuchchh, 370 001

2). **The Taluka Development Officer,**
Taluka Panchayat, Mundra
Ta: Mundra Dist: Kuchchh, 370 421

3). **The General Manager,**
District Industries Center, Near New Green Hospital, Bhuj – Kuchchh, 370 001

4). **The Regional Officer,**
Gujarat Pollution Control Board (Kuchchh East),
Room no.215,216 & 217, 2nd Floor, Administration Office Building, Deendayal Port Trust, Sector - 08,
Gandhidham – Kuchchh, 370 201

Page1 of 1

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

adani

Ref: AEL/MPL/ENV/MoEF&CC/2022 – September/08

Date: 28/09/2022

To,

Ms. Praveena D.K. (IAS),
Collector & DM,
Collector Office, Jilla Seva Sadan,
Bhuj – Kuchchh, 370 001

Subject: Environmental Clearance (EC) for proposed project activities "**Semi Coke–2030 KTPA, Calcium Carbide–2900 KTPA, Cement–6 MTPA; Clinker–4 MTPA near village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat** by M/s Adani Enterprises Ltd.

Reference: EC Identification no. EC22A009GJ154137 File No. IA-J-11011/423/2021-IA-II(IND-I) Dated 26/09/2022

Respected Ma'am,

With reference to above subject, this is to inform that Ministry of Environment, Forest and Climate Change has granted Environment Clearance (EC) for our project "**Semi Coke–2030 KTPA; Calcium Carbide–2900 KTPA; Cement–6 MTPA; Clinker–4 MTPA** (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. EC22A009GJ154137, File No. IA-J-11011/423/2021-IA-II(IND-I) Dated 26/09/2022.

Accordingly, as required under Miscellaneous condition No. **ii** of EC, we are submitting herewith copy of Environment Clearance for the said project for your reference and further necessary action, please.

Thanking You.
Yours Faithfully,
Authorized Signatory for Adani Enterprises Ltd,

Prodyut Maji (Project - Head)

Encl: As Above

Copy to:

1). **The District Development Officer,**
Jilla Pachayat, Opposite Surmandir Multiplex,
Bhuj – Kuchchh, 370 001

2). **The Taluka Development Officer,**
Taluka Panchayat, Mundra
Ta: Mundra Dist: Kuchchh, 370 421

3). **The General Manager,**
District Industries Center, Near New Green Hospital, Bhuj – Kuchchh, 370 001

4). **The Regional Officer,**
Gujarat Pollution Control Board (Kuchchh East),
Room no.215,216 & 217, 2nd Floor, Administration Office Building, Deendayal Port Trust, Sector - 08,
Gandhidham – Kuchchh, 370 201

9/20/22

Adani Enterprises Ltd
"Adani Corporate House",
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info@adani.com
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Registered Office: "Adani Corporate House", Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad - 382421

adani

Ref: AEL/MPL/ENV/EC/2022 –September/09 Date: 28/09/2022

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

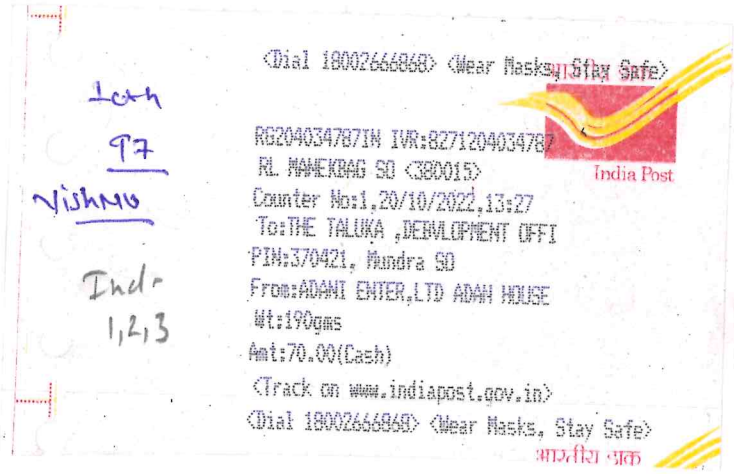
Subject: Environment Clearance (EC) for proposed Project "**Semi Coke–2030 KTPA, Calcium Carbide–2900 KTPA, Cement–6 MTPA; Clinker–4 MTPA near village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat** by M/s Adani Enterprises Ltd.

Reference: EC Identification no. EC22A009GJ154137 File No. IA-J-11011/423/2021-IA-II(IND-I) Dated 26/09/2022

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 (EC) for our project "**Semi Coke–2030 KTPA; Calcium Carbide–2900 KTPA; Cement–6 MTPA; Clinker–4 MTPA** (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. EC22A009GJ154137 File No. IA-J-11011/423/2022-IA-II(IND-I) Dated 26/09/2022.

Accordingly, 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.

Prodyut Maji (Project - Head)

Encl: As Above
Copy to:

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

2). **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

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adani

Ref: AEL/MPL/ENV/MoEF&CC/2022 – September/11 Date: 30/09/2022

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

Subject: Environmental Clearance (EC) for proposed project activities "**Semi Coke–2030 KTPA, Calcium Carbide–2900 KTPA, Cement–6 MTPA; Clinker–4 MTPA near village Vandh & Tunda, Taluka Mundra, District Kachchh, Gujarat** by M/s Adani Enterprises Ltd.

Reference: EC Identification no EC22A009GJ154137, File no. IA-J-11011/423/2021-IA-II(IND-I) Dated 26/09/2022

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 "Semi Coke–2030 KTPA, Calcium Carbide–2900 KTPA, Cement–6 MTPA; Clinker–4 MTPA (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-Kutch, 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 Any EIA Notification) by M/s Adani Enterprises Ltd" vide EC Identification no EC22A009GJ154137, File no. IA-J-11011/423/2021-IA-II(IND-I) Dated 26/09/2022.

Accordingly, in compliance of Miscellaneous condition no. (i) & (ii) of Environmental clearance, we are submitting herewith copy of environmental clearance as **Annexure – A** along with copies of newspaper publications (**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://www.adanienterprises.com/-/media/4BAE7363F8C843B8B659F4AC21587F8A.ashx" for your reference and record please.

Adani Enterprises Ltd
"Adani Corporate House",
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1/10/22

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

adani

The details of the newspaper publication are given below:

Sr. no.	Name of News Paper	Language	Date of Publication
1	Kutch Mitra	Gujarati	30/09/2022
2	Gujarat Samachar	Gujarati	30/09/2022
3	The Times of India	English	30/09/2022

Thanking You.
Yours Faithfully,

Authorized Signatory for Adani Enterprises Ltd,



Prodyut Maji (Project - Head)

Encl: As Above

Copy to:

1). **The Member Secretory,**
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,
Deendayal Port Trust, Sector – 08,
Gandhidham – Kuchchh, 370 201

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

Annexure - XII

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 Secretory, 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