

Vilas Shirke

From: Vilas Shirke
Sent: Monday, December 4, 2023 6:51 PM
To: eccompliance-mh@gov.in; apccfcentral-ngp-mef@gov.in
Cc: Monitoring Cell; westzonepcb@yahoo.com; ms@mpcb.gov.in; dir1.mev-mh@nic.in; roraigad@mpcb.gov.in; mpcbraigad@mpcb.gov.in; SRO Mahad; Anshul Sanduja
Subject: Half yearly Compliance Report of Env. and CRZ Clearance for Dighi Port Development Project Phase 1, Dighi, Raigad, Maharashtra for the period Apr 23 To Oct 23
Attachments: Six Monthly Compliance Report - Apr 23 To Oct 23.pdf

Dear Sir/Madam,

Please find attached herewith, Half yearly Compliance report of Environment and CRZ Clearance for Dighi Port Development Project 1st phase, Dighi, District Raigad, Maharashtra for the period of April 2023 to October 2023.

Requesting you to acknowledge the same.

Thanks & Best Regards,

Vilas Shirke
Head-Environment, Health and Safety
Dighi Port Ltd.
Mob : +91-8806977334
Email : vilas.shirke@adani.com
www.adaniports.com

adani

Growth
with
Goodness

Our Values: Courage | Trust | Commitment



Date: 01/12/2023

To,
Deputy Director General of Forest (c)
Ministry of Environment, Forest & Climate Change,
Integrated Regional Office, Ground Floor, East Wing,
New Secretariat Building, Civil Lines, Nagpur - 440001

Sub: Half yearly Compliance report of Environment Clearance for Dighi Port development project 1st phase,

Dighi, District Raigad, Maharashtra for the period of October 2022 to March 2023 - Reg.

- Ref:** 1. Environment Clearance for Dighi Port Limited (Phase I) dated 30.09.2005 (File No: 10-8/2005-IA-III)
2. Corrigendum dated 26.12.2005: Dighi Port Development Project 1st Phase; Dighi, District Raigad, Maharashtra-
Environment Clearance -Regarding ((F.No. 10-8/2005-IA-III)
3. MoEF Letter dated 25.06.2012 "Handling of LNG Cargo at Dighi Port, Maharashtra, by M/s Dighi Port Regarding"
(F.No. 10-8/2005-IA-III)
4. MoEF&CC Corrigendum letter dated 27.01.2022

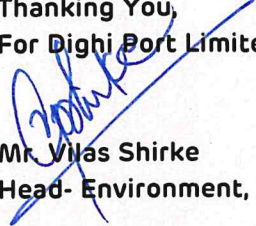
Dear Sir,

We would like to inform you that National Company Law Tribunal (NCLT), has approved the resolution plan of Adani Ports and Special Economic Zone (APSEZ) to acquire the Dighi Port Limited (DPL) under the Insolvency and Bankruptcy Code 2016, (IBC). Pursuant to the approval of APSEZ's Resolution Plan by the NCLT, in accordance with the terms and conditions therein, APSEZ has completed the acquisition of the DPL on 15th February 2021. Intimation in this regard has already been submitted to your good office vide our letter No. DPL/ENV/2021/34 dated 25.05.2021.

DPL under its new management has started operation at Dighi Port in very limited way and is in the process of obtaining/restoring the requisite statutory permissions and complying with the requirements of all the statutory permissions (as applicable) in line to reliefs/waiver as given under IBC and approved resolution plan.

With reference to the captioned subject and cited reference above; we are herewith submitting the Half yearly compliance report for the compliance period **April 2023 to October 2023** to the conditions stipulated in the cited reference for your kind information.

Thanking You,
For Dighi Port Limited


Mr. Vilas Shirke
Head- Environment, Health and Safety



Dighi Port Limited
At & Po Dighi
Taluka- Shrivardhan
Dist:Raigad Maharashtra-402402
CIN: U35110MH2000PLC127953

info@adani.com
www.adaniports.com



Ports and
Logistics

Encl: As above

Copy to:

1. The Director (Monitoring –IA-III Division), Ministry of Environment, Forest & Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi – 110003 (Email : monitoring-ec@nic.in)
2. Zonal Office, Central Pollution Control Board, Parivesh Bhawan, Opp. Ward No. 10 VMC Office Subhanpura, Vadodara – 390 023, Gujarat (Email: westzonecpcb@yahoo.com)
3. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd Floor, Road No. 8, Sion Circle, Mumbai-400022 (Email : ms@mpcb.gov.in)
4. Member Secretary, Maharashtra Coastal Zone Management Authority, Director, Environment Department, 15th Floor, New Administrative Building, Opp. Mantralaya, Mumbai – 400032 ((Email : dir1.mev-mh@nic.in)
5. Regional Officer- Raigad, Maharashtra Pollution Control Board, Raigad Bhavan, 6th floor, Sector - 11, C.B.D Belapur, Navi Mumbai- 400 614 (Email : roraigad@mpcb.gov.in, mpcbraigad@mpcb.gov.in)
6. S.R.O. Mahad, Maharashtra Pollution Control Board, Samaik Suvidha Kendra Building, MIDC - Mahad, District Raigad - 402 309 (Email : sromahad@mpcb.gov.in)

Dighi Port Limited
At & Po Dighi
Taluka- Shrivardhan
Dist:Raigad Maharashtra-402402
CIN: U35110MH2000PLC127953

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Registered Office: New Excelsior Building, A. K. Nayak Marg, Fort Mumbai, Maharashtra - 400001

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| | Dighi Port Limited | From: April 2023 To : October 2023 |
| Status of Conditions Stipulated in Environmental and CRZ Clearance File no: 10-8/2005-IA-III dated: 30/09/2005 | | |

| Half yearly Compliance report on conditions stipulated in Environmental & CRZ Clearance | | |
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| S. No. | Conditions | Compliance Status |
| A. Specific Conditions | | |
| (i) | The company must take up and earmark adequate funds for the socio-economic development and welfare measures in the area including drinking water supply, vocational training, fishery related development programmes (like cold storages). | <p>Being Complied</p> <p>The CSR activities are undertaken by Adani Foundation (AF), the CSR arm of Adani group. The CSR activities are based on the need assessment study conducted by Adani Foundation, broadly in 4 major verticals.</p> <ol style="list-style-type: none"> 1. Education 2. Community Health 3. Sustainable Livelihood Development 4. Community Infrastructure Development <p>Dighi Port Limited is supplying water to nearby villages.</p> <p>Attached herewith details of CSR activities conducted by Adani Foundation as Annexure 1.</p> |
| (ii) | The fishing activities by the fishermen living in the settlement along the creek should not be hindered and a mechanism may be evolved for the movement of fishing boats vis-a-vis shipping activities. | <p>Being Complied</p> <p>The cargo handling activities involved in operation phase are confined to the project area and hence no hindrance to fishing is anticipated. DPL is continuing to Educate/inform the fishermen about Port activities.</p> |
| (iii) | Company should take up green belt programme in the project area including an ecological park and a plan may be submitted to the Ministry within one year. | <p>Complied</p> <p>Although natural greenbelt/greenery exists in and around the Port; the port has taken plantation activities on North and South Side with suitable species (Karanj, Alstonia, Casurina, Mango, Coconut, Jambhul, Sonchafa, Supari, Cashewetc.) along the periphery (North Side) and at appropriate places on South Side. The same shall be continued and greenbelt coverage will further be enhanced on continuous basis.</p> |

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**Half yearly Compliance report on conditions stipulated in
Environmental & CRZ Clearance**

| S. No. | Conditions | Compliance Status |
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| (iv) | The company may suitably modify the alignment of channel entrance including its width, turning circle, taking into consideration the wave traversal, its intensity etc. to facilitate smoother navigation of ships. | Noted for Compliance |
| (v) | The breakwater alignment and its design should be further modified based on relevant model studies, bore hole data etc. keeping in view the tranquillity condition required for berthing and manoeuvring of ships and subsequent cargo handling operations. | Complied No breakwater has been developed as of now. The same shall be developed based on project requirement considering modelling studies, bore hole data and study of other data/parameter as required. |
| (vi) | The height of dumping in the dumping site should be restricted to 30 cm as against 90 cm proposed. | Complied No maintenance dredging activity has been conducted during the compliance period. |



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| (vii) | The project proponent will not undertake any destruction of mangroves during construction and operation of the project. | Complied There are no mangroves in the vicinity of project area. |
| (viii) | All the conditions stipulated by the Maharashtra Pollution Control Board in their Consent No.BO/Raigad-65/CE/CC-65, dated 7.4.2005 should be effectively implemented. | Complied All the conditions of the Consent to Establish granted vide Consent No. BO/Raigad-65/CE/CC-65 dated 7.4.2005 were complied with and subsequently Consent to Operate was granted by Maharashtra Pollution Control Board vide order dated 7.12.2011. Renewal of consent to operate for Dighi Southside has been granted by MPCB vide - Format1.0/CAC/UAN No.0000110738/CR/2303000156 Dated 26.12.2022. Consent to Operate for Dighi North side has been granted by Maharashtra Pollution Control Board vide Format1.0/CAC/UAN No.0000110738/CR/2303000156 Dated 02.03.2023. Consent To Establish for for storage and distribution of non-Classified liquid Cargo of 20000 KL Capacity has been granted by Maharashtra Pollution Control Board vide Format1.0/CAC/UAN No.0000149239/CE/2212001895 Dated 26.12.2022. Attached herewith copies of Consent To Establish and Operate granted by Maharashtra Pollution Control Board (MPCB) Annexure 2. |
| (ix) | Sewage arising in the port area should be disposed off through septic tank - soak pit system or shall be treated along with the industrial effluents to conform to the standards stipulated by Maharashtra Pollution Control Board and should be utilized/re-cycled for | Being Complied Presently there is limited port related activities are being handled and domestic sewage generated is minimal and being treated through 15KLD sewage treatment plant. 15 KLD sewage treatment plant is being |


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| S. No. | Conditions | Compliance Status |
| | gardening, plantation and irrigation. | operated for treatment of domestic wastewater generated at site. |
| (x) | Adequate plantation should be carried out along the roads of the Port premises and a green belt shall be developed. | Complied Although natural greenbelt/greenery exists in and around the Port; the port has taken plantation activities on North and South Side with suitable species (Karanj, Alstonia, Casurina, Mango, Coconut, Sonchafa, Cashew etc.) along the periphery (North Side) and at appropriate places on South Side. The same shall be continued and greenbelt coverage will further be enhanced on continuous basis. |
| (xi) | DPL should prepare and regularly update the Disaster Management Plan from time to time. | Complied DPL has prepared Onsite Emergency Response Plan inclusive of Natural Calamities. The same is being followed and updated from time to time. |
| (xii) | Fire Fighting arrangements are examined to the new proposal. | DPL have provided required fire infrastructure for prevention and control of fire within port premises. Attached herewith details of firefighting infrastructure provided at Dighi Port as Annexure 3. |
| (xiii) | There should be no withdrawal of ground water in CRZ area, for this project. The proponent shall ensure that as a result of the proposed constructions, ingress of saline water into ground water does not take place. Piezometers shall be installed for regular monitoring for this purpose at appropriate locations on the project site. | Being Complied No groundwater is being withdrawn from CRZ area. Groundwater is being extracted outside CRZ area for which DPL have obtained CGWA permission and same is attached as Annexure 4. |
| (xiv) | The project should not be commissioned till the requisite water supply and electricity to the project are provided by the PWD/Electricity Department. | Complied Requisite permission from concerned authorities for electricity has been obtained. Water requirement is presently being met from Ground water, outside sources (Tanker) and also from rainwater harvesting pond. |

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| | | Attached herewith electricity supply permission received from Maharashtra State Electricity Distribution Co. Ltd. As Annexure No. 5. For water supply permission please refer Annexure No. 4. |
| (xv) | Specific arrangements for rainwater harvesting should be made in the project design and the rainwater so harvested should be optimally utilized. Details in this regard should be furnished to this Ministry's Regional Office at Bhopal within 3 months. | <p>Complied</p> <p>DPL has developed 2 nos of ponds for rainwater harvesting having capacity 7000 m3 at Dighi. The water so collected is being used for port operations and distributed to nearby villagers.</p>   |

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| (xvi) | The facilities to be constructed in the CRZ area as part of this project should be strictly in conformity with the provisions of the CRZ Notification, 1991 as amended subsequently. | Complied. All the project related construction/developments are in line to CRZ Notification 2011 as amended. |
| (xvii) | No land reclamation should be carried out for this project Corrigendum Dated 26.12.2005 (xvii) Reclamation within the Port area shall be carried out (+) 5 metre level from the existing ground level. The material for reclamation shall be mainly from the dredged material and the rest should be sourced from approved government areas in the vicinity. Further, the details pertaining to | Being Complied This condition has been modified vide MoEF corrigendum dated 26.12.2005. No reclamation was carried out during the compliance period. |

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| | reclamation in the inter-tidal area should be provided to this Ministry within 3 months from the date of receipt of the letter." | |
| (xviii) | Green buffer zone should be provided all around the project area in consultation with local forest department and the report submitted to this Ministry's Regional Office at Bhopal. | Being Complied Although natural green buffer zone exists in and around the Port; the port has taken plantation activities on North and South Side with suitable species along the periphery (North Side) and at appropriate places on South Side. The same shall be continued and greenbelt coverage will further be enhanced on continuous basis. |
| (xix) | No product other than those permissible in the Coastal Regulation Zone Notification, 1991 shall be stored in the Coastal Regulation Zone area. | Complied Handling and Storage of product is strictly in accordance with CRZ Notification and as per the EC & CRZ Clearance obtained. |
| General Conditions: | | |
| (i) | Construction of the proposed structures should be undertaken meticulously conforming to the existing Central/local rules and regulations including Coastal Regulation Zone Notification 1991 & its amendments. All the construction designs/ drawings relating to the proposed construction activities must have approvals of the concerned State Government Departments / Agencies. | Complied Construction/development of the project is in accordance with existing Central/Local rules including CRZ Notification 1991 as amended. Requisite permission from concerned authorities have been obtained. |
| (ii) | Adequate provisions for infrastructure facilities such as water supply, fuel, sanitation etc. should be ensured for construction workers during the construction phase of the project so as to avoid felling of trees/mangroves and pollution of water and the surroundings. | Complied Adequate provisions for infrastructure facilities such as water supply, fuel, sanitation etc. were made for the workers during construction phase. |
| (iii) | The project authorities must make necessary arrangements for disposal of solid wastes and for the treatment of effluents by providing a proper wastewater treatment plant outside the | Being Complied Presently there is limited port related activities are being handled and domestic sewage generated is minimal and being treated through 15KLD sewage treatment |

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**Half yearly Compliance report on conditions stipulated in
Environmental & CRZ Clearance**

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| | <p>CRZ area. The quality of treated effluents, solid wastes and noise level etc. must conform to the standards laid down by the competent authorities including the Central/State Pollution Control Board and the Union Ministry of Environment and Forests under the Environment (Protection) Act, 1986, whichever are more stringent.</p> | <p>plant. Sewage Treatment Plant of adequate capacity will be developed in phased manner based on the need. Presently 15 KLD Sewage Treatment Plant is in being operated for treatment of wastewater generated at site.</p>  <p>All the solid waste generated is being properly collected, source segregation of all types of Solid Waste is practised and disposed as per the provision of Solid Waste Management Rules 2016, as amended.</p> <p>Environment Monitoring at site has been started from June-2021 and Ambient Air Quality, Noise, Soil, Marine Water and sediment, Ground Water and drinking water, DG Stack emission is being monitored on regular basis through NABL accredited and MoEF&CC,GoI recognized laboratory. Summary of the monitoring report for the period Apr'23 to Oct'23 is attached as Annexure 6.</p> |
| (iv) | <p>The proponent shall obtain the requisite consents for discharge of effluents and emissions under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (prevention and Control of Pollution) Act, 1981 from the</p> | <p>Complied DPL has obtained Consent/NOC from MPCB vide letter No. BO/Raigad-65/CE/CC-65 dated 07.04.2005. The same was submitted to MoEF&CC,GoI vide DPL letter dated 15.03.2008.</p> |

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| | Maharashtra Pollution Control Board before commissioning of the project and a copy of each of these shall be sent to this Ministry | <p>Consent to Operate was granted by Maharashtra Pollution Control Board vide order dated 7.12.2011. Renewal of consent to operate for Dighi Southside has been granted by MPCB vide - Format1.0/CAC/UAN No.0000110738/CR/2303000156 Dated 26.12.2022.</p> <p>Consent to Operate for Dighi North side has been granted by Maharashtra Pollution Control Board vide Format1.0/CAC/UAN No.0000110738/CR/2303000156 Dated 02.03.2023.</p> <p>Consent To Establish for for storage and distribution of non-Classified liquid Cargo of 20000 KL Capacity has been granted by Maharashtra Pollution Control Board vide Format1.0/CAC/UAN No.0000149239/CE/2212001895 Dated 26.12.2022.</p> <p>Please refer Annexure No. 2 for various Consent To Establish and Operate issued by Maharashtra Pollution Control Board.</p> |
| (v) | The proponents shall provide for a regular monitoring mechanism so as to ensure that the treated effluents conform to the prescribed standards. The records of analysis reports must be properly maintained and made available for inspection to the concerned State/Central officials during their visits. | <p>Being Complied</p> <p>Presently there is limited port related activities are being handled and domestic sewage generated is minimal and being treated through 15KLD sewage treatment plant.</p> <p>Sewage Treatment Plant of adequate capacity will be developed in phased manner.</p> <p>Environment Monitoring at site has been started from June-2021 and Ambient Air Quality, Noise, Soil, Marine Water and sediment, Ground Water and drinking water, DG Stack emission is being monitored on</p> |

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| | | regular basis through NABL accredited and MoEF&CC,GoI recognized laboratory. Summary of the monitoring report for the period Apr'23 To Mar'23 is attached as Annexure 6 . The records of analysis reports are properly maintained and will be made available for inspection to the concerned State/Central officials during their visits. |
| (vi) | In order to carry out the environmental monitoring during the operational phase of the project, the project authorities should provide an environmental laboratory well equipped with standard equipment and facilities and qualified manpower to carry out the testing of various environmental parameters. | Complied Environment Monitoring at site has been started from June-2021 and Ambient Air Quality, Noise, Soil, Marine Water and sediment, Ground Water and drinking water, DG Stack emission is being monitored on regular basis through NABL accredited and MoEF&CC,GoI recognized laboratory. Summary of the monitoring report for the period Apr'23 To Mar'23 is attached as Annexure 6 . |
| (vii) | The sand dunes and mangroves, if any, on the site should not be disturbed in any way. | Noted for Compliance There are no sand dunes and mangrove in the project area. |
| (viii) | A copy of the clearance letter will be marked to the concerned Panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal. | Complied |
| (ix) | The Maharashtra Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's Office/Tehsildar's Office for 30 days. | Complied This condition doesn't pertain to project proponent. |
| (x) | The funds earmarked for environment protection measures should be maintained, in a separate account and there should be no diversion of these funds for any other purpose. A year-wise expenditure on environmental safeguards should be reported to this Ministry's Regional Office at Bhopal and | Complied Appropriate funds are beings earmarked for environment protection measures (Viz. Regular Environment Monitoring, Greenbelt Development and Maintenance, Waste Management, Road Cleaning etc.). The funds earmarked are not diverted for any other purpose. |

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| | the State Pollution Control Board. | |
| (xi) | Full support should be extended to the officers of this Ministry's Regional Office at Bhopal and the officers of the Central and State Pollution Control Boards by the project proponents during their inspection for monitoring purposes, by furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities. | Complied Full support is being extended to the officers of Ministry/Regional Office, as well as officers of Central and State Pollution Control Board during their visit and the same shall be continued in future also. |
| (xii) | In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to this Ministry for modification in the clearance conditions or imposition of new ones for ensuring environmental protection. | Complied National Company Law Tribunal (NCLT), has approved the resolution plan of Adani Ports and Special Economic Zone (APSEZ) to acquire the Dighi Port Limited (DPL) under the Insolvency and Bankruptcy Code 2016, (IBC). Pursuant to the approval of APSEZ's Resolution Plan by the NCLT, in accordance with the terms and conditions therein, APSEZ has completed the acquisition of the DPL on 15 th February 2021. Intimation in this regard has been submitted by new management of DPL vide letter No. DPL/ENV/2021/34 dated 25.05.2021. Dighi Port Limited have submitted an applications for Environment Clearance for Balance EC work and development of Master Plan for expansion of Dighi Port to MoEF&CC,GoI. Expert Appraisal Committee (EAC), MoEF&CC,GoI, GoI have issued Terms of Reference (ToR). Copy of the intimation letter submitted by new management of DPL vide letter No. DPL/ENV/2021/34 dated 25.05.2021 is attached Annexure 7 . |
| (xiii) | This Ministry reserve the right to revoke this clearance, if any of the conditions stipulated are not complied with to the satisfaction of this Ministry. | Noted |
| (xiv) | This Ministry or any other competent | Noted for Compliance |

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| | authority may stipulate any other additional conditions subsequently, if deemed necessary, for environmental protection, which shall be complied with. | |
| (xv) | The project proponent should advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen at Website of the Ministry of Environment & Forests at http://www.envfornic.in . The advertisement should be made within 7 days from the date of issue of the clearance letter and a copy of the same should be forwarded to the Regional Office of this Ministry at Bhopal. | Complied |
| (xvi) | The Project proponents should inform the Regional Office at Bhopal as well as the Ministry the date of financial closure and final approval of the project by the concerned authorities and the date of start of Land Development Work | Complied |
| | The above mentioned stipulations will be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (protection) Act, 1986, the Hazardous Chemicals (Manufacture, Storage and Import) Rules, 1989, the Coastal Regulation Zone Notification, 1991 and its subsequent amendments and the Public Liability Insurance Act, 1991 and the Rules made thereunder from time to time. The Project | Noted for Compliance |

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| | Proponent should also ensure that the proposal complies with the provisions of the approved Coastal Zone Management Plan of Maharashtra State and the Supreme Court's order dated 18 th April, 1996 in the Writ Petition No. 664 of 1993 to the extent the same are applicable to this proposal. | |

Enclosures:

| Annexure Number | Details of Annexure |
|------------------------|---|
| Annexure 1: | Details of activities CSR activities conducted by Adani Foundation and Dighi Port Limited |
| Annexure 2 | Consent To Establish and Consent To Operate received from Maharashtra Pollution Control Board. |
| Annexure 3: | Details of firefighting infrastructure provided at Dighi Port |
| Annexure 4: | NOC obtained from Central Groundwater Authority (CGWA) for withdrawal of Groundwater. |
| Annexure 5: | Electricity supply permission received from Maharashtra State Electricity Distribution Co. Ltd. |
| Annexure 6: | Summary of Environment Monitoring during Compliance Period |
| Annexure 7: | Intimation to MoEF&CC,Gol regarding acquisition of Dighi Port by APSEZ |

ANNEXURE No. 1
Details of CSR activities



Community health development initiatives



Blood Donation Camp at Dighi Port



Healthy Baby competition



Awareness on menstrual hygiene management



Distribution of Education material to School Children



School Praveshotsav with distribution of education material



Orchard Development



Training on Youth Skill Development



Celebration and competition on National Nutrition Month



Latitude: 18.266832
Longitude: 72.966043
Elevation: -52.0±14 m
Accuracy: 3.5 m
Azimuth: 89° (E)
Pitch: -12.6° (1.7°)
Time: 20-10-2022 17:18



Latitude: 18.265684
Longitude: 72.970103
Elevation: -42.0±60 m
Accuracy: 3.5 m
Azimuth: 258° (W)
Pitch: -25.8°



26
124
3 m
)
17:08



Vermicomposting Units

अदानी फाउंडेशन दिधी पोर्ट लिमिटेड माध्यमातून शालेय विद्यार्थ्यांना स्कूल बॅग किट वाटप

मुरुड जंजिरा जाहीद फकजी अदानी फाउंडेशन दिधी पोर्ट लिमिटेड यांच्या वतीने मुरुड तालुक्यातील आगरदांडा व राजपुरी ग्रामपंचायत हद्दीतील जिल्हा परिषद शाळेतील सर्व विद्यार्थ्यांसाठी "शाळा प्रवेशोत्सव" कार्यक्रम अंतर्गत आगरदांडा ग्रामपंचायत कार्यालयातील सभागृहात आगरदांडा व राजपुरीच्या एकूण २२५ विद्यार्थ्यांना शालेय बॅग किट वाटप मान्यवरांच्या शुभ हस्ते करण्यात आले.

यावेळी गट शिक्षणाधिकारी - सुनील गवळी, विस्तार अधिकारी - शाहनवाज लोरे, दिधी पोर्ट

लिमिटेडचे- कर्नल अरविंद सिंह बेदी, चिराग भिमानी, विलास शिर्के, सौरभ भादौरिया, अदानी फाउंडेशनच्या- जयश्री काळे, शाळा व्यवस्थापन समिती अध्यक्ष - प्रवीण भाटकर, केंद्र प्रमुख - जितेंद्र मकु, मुख्याध्यापिका - अलका शिंदे आणि पालकवर्ग उपस्थित होते. कार्यक्रमाची सुरुवात महाराष्ट्र राज्याचे आराध्य दैवत छत्रपती शिवाजी, माता सरस्वती यांच्या प्रतिमेला पुष्पहार अर्पण करून व दीप प्रज्वलन करून करण्यात आले.

जयश्री काळे प्रस्तावित करताना म्हणाले की विद्यार्थ्यांच्या जडणघडणीत



यटक आहेत व लहान वयातच चोबर सवयी व संस्काराची घडण शाळेतील होत असते व वासाठी शिक्षकांचा मोलाचा वाटा असतो असे सांगितले. कर्नल बेदी यांनी देशप्रेमाची आवड निर्माण व्हावी व भविष्यात सर्व क्षेत्रात वश मिळविण्यासाठी अभ्यासाची आवड निर्माण करण्याचे काम पालकांनीही करावे असे सर्वांना संबोधित करताना सांगितले. केंद्रप्रमुख मकु सर यांनी अदानी फाउंडेशन मार्फत वस्तुपूर्णाक विद्यार्थ्यांपर्यंत पोहचविण्यासाठी व विद्यार्थ्यांना अदानी फाउंडेशन मार्फत असे उपक्रम राबवावेत असे सांगितले. दिधी पोर्टचे चिराग भिमानी यांनी लहान मुले उद्याचा उज्वल भारत बनविण्यासाठी महत्वाचा

अदानी फाउंडेशनतर्फे बॅग वाटप



मुरुड जंजिरा, (वा.) अदानी फाउंडेशन दिधी पोर्ट लिमिटेड यांच्यावतीने मुरुड तालुक्यातील आगरदांडा व राजपुरी ग्रामपंचायत हद्दीतील जिल्हा परिषद शाळेतील सर्व विद्यार्थ्यांसाठी रशाळा प्रवेशोत्सव कार्यक्रम अंतर्गत आगरदांडा ग्रामपंचायत कार्यालयातील सभागृहात आगरदांडा व राजपुरीच्या एकूण २२५ विद्यार्थ्यांना शालेय बॅग किट वाटप मान्यवरांच्या हस्ते करण्यात आले.

यावेळी गट शिक्षणाधिकारी सुनील गवळी, विस्तार अधिकारी शाहनवाज लोरे, दिधी

पोर्ट लिमिटेडचे कर्नल अरविंद सिंह बेदी, चिराग भिमानी, विलास शिर्के, सौरभ भादौरिया, अदानी फाउंडेशनच्या जयश्री काळे, शाळा व्यवस्थापन समिती अध्यक्ष प्रवीण भाटकर, केंद्र प्रमुख जितेंद्र मकु, मुख्याध्यापिका अलका शिंदे आणि पालकवर्ग उपस्थित होते.

कार्यक्रमाची सुरुवात महाराष्ट्र राज्याचे आराध्य दैवत छत्रपती शिवाजी, माता सरस्वती यांच्या प्रतिमेला पुष्पहार अर्पण करून व दीप प्रज्वलन करून करण्यात आले. उपस्थितांना मार्गदर्शन करताना गट

लोकमत विद्यार्थ्यांना स्कूल बॅग किट वाटप

लोकमत न्यूज नेटवर्क शाहनवाज लोरे, दिधी पोर्ट आगरदांडा : अदानी फाउंडेशन दिधी पोर्ट लिमिटेड यांच्या वतीने मुरुड तालुक्यातील आगरदांडा व राजपुरी ग्रामपंचायत हद्दीतील जिल्हा परिषद शाळेतील सर्व विद्यार्थ्यांसाठी आगरदांडा ग्रामपंचायत कार्यालयातील सभागृहात आगरदांडा व राजपुरीच्या एकूण २२५ विद्यार्थ्यांना बॅग किट वाटप करण्यात आले.

यावेळी गट शिक्षणाधिकारी सुनील गवळी, विस्तार अधिकारी

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अदानी फाउंडेशन दिधी पोर्टतर्फे मोफत आरोग्य शिबीर

द.वाढळवारा मुरुड जंजिरा, २२ मे (सुधीर नाडरे): अदानी फाउंडेशन दिधी पोर्ट लिमिटेडच्या वतीने दिधी येथे आरोग्य उपकेंद्रात मोफत आरोग्य तपासणी शिबिराचे आयोजन करण्यात आले. या शिबिरासाठी मुंबईतील नामांकित आर. एन. कूपर हॉस्पिटल विलेपार्लेच्या तज्ञ डॉक्टरांनी मोफत आरोग्य सेवा प्रदान केली.



यावेळी शिबिरास दिधी सागरी पोलीस ठाणेचे पोलीस अधिकारी ढेबे व सर्व टीम यांनी भेट दिली. यावेळी अदानी फाउंडेशनच्या जयश्री काळे, दिधी

पोर्टचे अरविंद सिंग बेदी, विवेक गुप्ता व अरुल जीवा उपस्थित होते. शिबिरासाठी माणगाव येथील नितीन चांदोरकर व त्यांचे सहकारी, अदानी फाउंडेशनचे अवधूत पाटील यांचे सहकार्य मिळाले.

QUICK NEWS

आरोग्य शिबीर उत्साहात
मुरुड जंजिरा. अदानी फाउंडेशन दिधी पोर्ट लिमिटेडच्या वतीने दिधी येथे आरोग्य उपकेंद्रात मोफत आरोग्य तपासणी शिबिराचे आयोजन करण्यात आले. या शिबिरासाठी मुंबईतील नामांकित आर. एन. कूपर हॉस्पिटल विले पार्ले च्या तज्ञ डॉक्टरांनी मोफत आरोग्य सेवा प्रदान केली.

या शिबिरात मोफत मधुमेह तपासणी व HB तपासणी करण्यात आली. खूप लोक त्वचाविकार व गुडघेदुखी ने त्रस्त असल्याचे निदर्शनास आले. सर्व रुग्णांना मोफत औषध पुरवठाही अदानी फाउंडेशन च्या मार्फत करण्यात आला. यावेळी शिबिरास दिधी सागरी पोलीस ठाणे चे पोलीस अधिकारी ढेबे व सर्व टीम यांनी भेट दिली. यावेळी अदानी फाउंडेशन च्या जयश्री काळे, दिधी पोर्टचे अरविंद सिंग बेदी, विवेक गुप्ता व अरुल जीवा उपस्थित होते.

आपलं महानगर

Short News

दिधी पोर्ट येथील शिबिरात ४३ जणांचे रक्तदान

नांदगाव। अदानी समूहाचे प्रमुख गौतम अदानी यांच्या वाहदिवसानिमित्त दिधी पोर्ट येथे अदानी फाउंडेशनच्या माध्यमातून आयोजित शिबिरात ४३ जणांचे रक्तदान केले. या वेळी दिधी पोर्ट लिमिटेडचे इंजिनिअरिंग हेड चिराग भिमानी, कर्नल अरविंद सिंह बेदी, एचआर हेड शैलेश सिंह, पर्यावरण प्रमुख विलास शिर्के, अदानी फाउंडेशनच्या जयश्री काळे, दिधी पोर्टचे सौरभ सिंह, जिल्हा रुग्णालय अलिबागचे डॉक्टर गोसावी, कामगार संघटना प्रमुख सूरज मांजेरेकर, उपाध्यक्ष राजकुमार कोलथरकर तसेच अन्य उपस्थित होते.



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लोकमत

विद्यार्थ्यांना स्कूल बॅग किट वाटप

लोकमत न्यूज नेटवर्क शाहनवाज लोरे, दिधी पोर्ट आगरदांडा : अदानी फाउंडेशन दिधी पोर्ट लिमिटेड यांच्या वतीने मुरुड तालुक्यातील आगरदांडा व राजपुरी ग्रामपंचायत हद्दीतील जिल्हा परिषद शाळेतील सर्व विद्यार्थ्यांसाठी आगरदांडा ग्रामपंचायत कार्यालयातील सभागृहात आगरदांडा व राजपुरीच्या एकूण २२५ विद्यार्थ्यांना बॅग किट वाटप करण्यात आले.

यावेळी गट शिक्षणाधिकारी सुनील गवळी, विस्तार अधिकारी

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आपलं महानगर

५००हून अधिक फळझाडे, वृक्ष लागवड



आपलं महानगर वृक्षसेवा
आहेत. त्या अंतर्गत शासकीय योजनेच्या कृतीसंगम साधून फळवाग लागवड हे प्रमुख उद्दिष्ट साध्य करण्यात येत आहे.

मुरुड। अदानी फाउंडेशन मार्फत व ग्रामपंचायत अंतर्गत सावर्डे गावामध्ये शेतकऱ्यांना वृक्ष लागवड शुभारंभ करण्यात आला. सुमारे पाचशेहून अधिक फळझाड वृक्ष लागवड करण्यात येणार आहे. लाभार्थी शेतकऱ्यांना जॉब कार्ड काढून देण्यात आले असून फळवाग लागवड अंतर्गत शासकीय योजने अंतर्गत लाभार्थी शेतकऱ्यांना लाभ देण्यात येणार आहे. अदानी फाउंडेशन मार्फत कृषि पूरक उपक्रम राबवले जात

वृक्ष सेविकास या अभियाना अंतर्गत अदानी फाउंडेशनने गतसाली १६४४ झाडे ६२ शेतकऱ्यांना २५ एकर जागे वर शाश्वत आजीविका विकासासाठी देण्यात आली. यावेळी दिधी पोर्टचे सुरक्षा विभागाचे प्रमुख विलास शिर्के आणि इंजिनिअरिंग विभागाचे प्रमुख चिराग भिमानी यांच्या हस्ते वृक्ष लागवड करण्यात आली. कार्यक्रमाचे नियोजन अवधूत पाटील यांनी केले.

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राजपुरी येथे सुहृद बालक स्पर्धेत १७९ बालकांचा सहभाग



मुरुड जंजिरा : पुढारी वृत्तसेवा
मुरुड-राजपुरी ग्रा.पं. अंतर्गत येथील कोळीवाडा, अंगणवाडी आणि सुंदर नगर अंगणवाडी येथे अदानी फाउंडेशनचे वतीने सुहृद बालक स्पर्धेचे आयोजन करण्यात आले होते.

सुहृद बालक स्पर्धेच्या माध्यमातून जास्तीत जास्त लोकांपर्यंत बालकांचा विकास कशाप्रकारे असावा व ते सुहृद कसे बनवणे हा संदेश पोहोचवा म्हणून कार्यक्रमाचे नियोजन केले होते. यावेळी अंगणवाडीमधील शून्य ते ६ वर्षांपर्यंत सर्व बालकांचे वजन तंत्री व दंडपेर मोजण्यात आले. पेव्शे राजपुरी कोळीवाडाघातील १७९ विद्यार्थ्यांचा सहभाग होता. बालकांच्या ३ गटांमध्ये निवड करण्यात आली व एकूण १८ सुहृद बालकांना बक्षिसे देऊन

गौरविण्यात आले. कार्यक्रमाला राजपुरी ग्रा.पं. माजी सरपंच हिरकणी मिदी, दिधी पोर्टचे सुरक्षा विभागाचे प्रशांत पाटील, अदानी फाउंडेशनचे अवधूत पाटील, अंगणवाडी सेविका दमयी घागरी, मदतनीस व पालकवर्ग उपस्थित होते.

कार्यक्रमाचे प्रास्ताविक अंगणवाडी सेविका विजयता खेडर यांनी केले व बालकांच्या पोषण विकास, गरीबर माता यांची काळजी, लहान बालकांचे पोषण याबद्दल मार्गदर्शन केले. अवधूत पाटील यांनी १ हजार दिवस पोषण व चौसंगी आहाराबद्दल माहिती दिली. प्रशांत पाटील यांनी पालकांनी बालकांच्या पोषण विकास करण्यासाठी सहभाग घेऊन विकास घडवावा असे सांगितले. कार्यक्रमाचे नियोजन ग्रामसखी दामिनी घागरी यांनी केले.

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अदानी फाउंडेशन माध्यमातून राष्ट्रीय पोषण माहअभियानाला सुरुवात

मुरुड जंजिरा जाहीद फकजी माता आणि बालक सुहृद रहावीत वारसाठी केंद्र आणि सत्र करणार तर्फे विविध उपक्रम राबविले जातील. या उपक्रमांतर्गत माता व बालकांना संपन्न करण्यासाठी अदानी फाउंडेशन आणि मुरुड एकात्मिक बाल विकास सेवा योजनेचा



प्रकल्प यांच्या संयुक्त विद्यमाने तालुक्यात आजारासुराण पोषण आहार अभियान राबविण्यात येणार आहे. यांची सुरुवात तालुक्यातील आगरदांडा ग्रामपंचायत हद्दीत सुरु करण्यात आली असून कार्यक्रमाची सुरुवात कॅम्पिंगवती सावित्रीबाई कुले यांच्या प्रतिभे पुरवण व दीप प्रज्वलन करून करण्यात आले. या कार्यक्रमातून सामाजिक जबाबदारी काढे यांनी कुपोषण मुक्त भारत हा सरकारचा कार्यक्रमाचा उद्देश लक्षात घेऊन सध्याच निर्मूळ कार्यक्रम साठी सामाजिक सहभागीत साठी कॅम्पिंग आहे. पोषण आहार सत्र आयोजित केला जात आहे. ज्यामुळे सर्वांना गरिब आहार, शक्य आहार, विरिणा आहार यांचे महत्त्व पटवून देण्यात येत आहे. यावेळी डॉक्टर - निरिंशिंग्हा माळी, सामाजिक कार्यकर्त्या- रिना सावंत, भारतीय तटरक्षक विभागाच्या - सोनाली लोकनाथ व तटरक्षक विभागाच्या - रिना सावंत, भारतीय तटरक्षक विभागाच्या - सोनाली लोकनाथ, एकात्मिक बाल विकास सेवा योजनेचा माध्यमातून राबविण्यात येणाऱ्या विविध उपक्रम विविधी माहिती दिली. पंतप्रधान नरेंद्र मोदी यांच्या मार्गदर्शनाखाली देश कुपोषण मुक्त बना करून देईल यासाठी सर्व जण प्रत्यक्षपणे आहारात, पालेभाज्या फळभाज्या यांचे महत्त्व पटवून दिले. सोनाली लोकनाथ यांनी महिलांना कडधान्य, बंदर पावट लक्षेच शोचवणा सांगितले आणि त्यांची पाले यांचे महत्त्व पटवून दिले. आपल्या दारा जवळच विविध नैसर्गिक फळे, पाले भाज्या सत्र भाज्या उपलब्ध आहेत. त्यांचा पुरुर चर करून आपले आरोग्य सुहृद देऊन देते. सामाजिक कार्यकर्त्या- रिना सावंत यांनी आपल्या मनागतात महिलांना त्यांचा पाच महत्त्व पूर्ण पदार्थांपैकी माहिती दिली. ज्यामध्ये शारीरिक, आर्थिक, मानसिक, सामाजिक दृष्ट्या सध्या राहणे आवश्यक आहे. तुमची वृत्त सुलची करा, सुलची जबाबदारी करा घ्यावी, बांबवा घण घाले पाहिजे, कातला घण घाले पाहिजे. अदानी शारीरिक कॅम्पिंगी काढत दिवू करत आहे.

योजनेचा सुरुवात - सुवर्ण चांदोरकर, शुभांगी कोतवाल, अदानी फाउंडेशन वरिष्ठ प्रकल्प अधिकारी - जयश्री काळे, जर्स - निर्मला भोसले, अदानी फाउंडेशनचे - अजयरा पाटील, ग्राम सखी - अजयला अडुकर, दामिनी घागरी, विरिणा विरिण यांनी उपस्थित होत्या. डॉक्टर निरिंशिंग्हा माळी यांनी आपल्या मनागतात पोषण आहार चे महत्त्व पटवून दिले. शुभांगी कोतवाल यांनी एकात्मिक बाल विकास सेवा योजनेचा माध्यमातून राबविण्यात येणाऱ्या विविध उपक्रम विविधी माहिती दिली. पंतप्रधान नरेंद्र मोदी यांच्या मार्गदर्शनाखाली देश कुपोषण मुक्त बना करून देईल यासाठी सर्व जण प्रत्यक्षपणे आहारात, पालेभाज्या फळभाज्या यांचे महत्त्व पटवून दिले. सोनाली लोकनाथ यांनी महिलांना कडधान्य, बंदर पावट लक्षेच शोचवणा सांगितले आणि त्यांची पाले यांचे महत्त्व पटवून दिले. आपल्या दारा जवळच विविध नैसर्गिक फळे, पाले भाज्या सत्र भाज्या उपलब्ध आहेत. त्यांचा पुरुर चर करून आपले आरोग्य सुहृद देऊन देते. सामाजिक कार्यकर्त्या- रिना सावंत यांनी आपल्या मनागतात महिलांना त्यांचा पाच महत्त्व पूर्ण पदार्थांपैकी माहिती दिली. ज्यामध्ये शारीरिक, आर्थिक, मानसिक, सामाजिक दृष्ट्या सध्या राहणे आवश्यक आहे. तुमची वृत्त सुलची करा, सुलची जबाबदारी करा घ्यावी, बांबवा घण घाले पाहिजे, कातला घण घाले पाहिजे. अदानी शारीरिक कॅम्पिंगी काढत दिवू करत आहे.

आगरदांडा ग्रामपंचायतीत 'पोषण महाअभियान' सुरु

लोकमत न्यूज नेटवर्क आगरदांडा : अदानी फाउंडेशन आणि मुरुड एकात्मिक बालविकास सेवा योजनेचा प्रकल्प यांच्या संयुक्त विद्यमाने तालुक्यात आजपासून ते ३० सप्टेंबर या कालावधीत पोषण आहार अभियान सुरु करण्यात आले आहे. यांची सुरुवात तालुक्यातील आगरदांडा ग्रामपंचायतीत करण्यात आली.

यावेळी डॉक्टर निरिंशिंग्हा माळी, सामाजिक कार्यकर्त्या रिना सावंत, भारतीय तटरक्षक विभागाच्या सोनाली लोकनाथ, एकात्मिक बालविकास सेवा योजना पर्यवेक्षक सुवर्णा चांदोरकर, शुभांगी कोतवाल, अदानी फाउंडेशन वरिष्ठ प्रकल्प अधिकारी जयश्री काळे, परिचारिका निर्मला भोसले, अदानी फाउंडेशनचे अवधूत पाटील, ग्राम सखी प्राजक्ता आडुकर, दामिनी घागरी, निर्मला दिधीकर आदी उपस्थित होते. प्रास्ताविकात जयश्री काळे यांनी कुपोषणमुक्तीबाबत सांगितले.

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Page No. 3 Sep 03, 2023
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अदानी फाउंडेशन दिधी पोर्ट लिमिटेड माध्यमातून गुणवंत विद्यार्थी

मुरुड जंजिरा, (जाहीद फकजी) - अदानी फाउंडेशन माध्यमातून ग्राम पंचायत दिधी अब्दुल सत्तार अंतुले महाविद्यालय येथे गुणवंत विद्यार्थी सत्कार सोहळा आयोजित करण्यात आला. विद्यार्थ्यांच्या प्रयत्नांना उल्लेखनीय यश संपादन केल्याबद्दल त्यांच्या दैदिप्यमान कामगिरी बजावली असून दहावी आणि बारावीच्या परीक्षेत प्रथम द्वितीय आणि तृतीय स्थान प्राप्त करणाऱ्या विद्यार्थ्यांना बक्षीस वितरण करण्यात आले. या कार्यक्रमाला प्रमुख पाहुणे म्हणून भारतीय तटरक्षक दलाचे असिस्टंट कमांडंट अनुराग शुक्ला, दिधी पोर्ट लिमिटेड चे प्रशांत पाटील सुरक्षा व संरक्षण विभाग, तालुका शिक्षण केंद्र प्रमुख नारायण खोपटकर, अब्दुल सत्तार अंतुले



महाविद्यालय सभापती अनंत मॅंडाडकर, मुख्याध्यापक प्रशांत वाणी, शिक्षकवृंद, शाळा समिती सदस्य, अदानी फाउंडेशन वरिष्ठ प्रकल्प अधिकारी जयश्री काळे, विद्यार्थी आणि पालक वर्ग उपस्थित होते. अनुराग शुक्ला यांनी आपल्या मनागतात भारतीय तटरक्षक दलात भरती प्रक्रिया कशी असते. भारतीय तटरक्षक दलात लोकांच्या जीव

शेतकरी बांधवांना साडेबारा टक्के विकसित भूखंड द्यावा

जागतिक पर्यावरण दिवस साजरा

द.वाडळवारा मनेरगा योजनेअंतर्गत लाभ शेतकऱ्यांना लाभ देण्यात येणार आहे. अदानी फाउंडेशनमार्फत कृषी पूरक उपक्रम राबवले जात आहेत. अंतर्गत शासकीय योजनेचा कृतीसंगम साधून फळबाग लागवड हे प्रमुख उद्दिष्ट साध्य करण्यात येत आहे. जागतिक पर्यावरण दिवसानिमित्त वृक्ष लागवडीचा शुभारंभ सावर्डे येथे लाभार्थी मनीष सावंत यांच्या शेतात आंब्याची वृक्ष लागवड करून करण्यात आला. वृक्ष से विकास या अभियानांतर्गत अदानी फाउंडेशनने मागील वर्षी १६४४ झाडे ६२ शेतकऱ्यांना २५ एकर जागात.



जागेवर शाश्वत आजीविका विकासासाठी देण्यात आली. कार्यक्रमाला दिधी पोर्टचे पर्यावरण व सुरक्षा विभागाचे प्रमुख विलास शिर्के व इंजिनियरिंग विभागाचे प्रमुख चिराग भिमानी यांच्या हस्ते वृक्ष लागवड करण्यात आली. या कार्यक्रमाचे नियोजन अदानी फाउंडेशनने मागील वर्षी १६४४ झाडे ६२ शेतकऱ्यांना २५ एकर जागात.

शासकीय योजनांचा लाभ दारोदारी अदानी फाउंडेशन दिधी पोर्ट लिमिटेड आणि बँक ऑफ इंडिया चा अभिनव उपक्रम.

मुरुड प्रतिनिधि जाहीद फकजी अदानी फाउंडेशन अंतर्गत व बँक ऑफ इंडिया शाखा आगरदांडा सहकार्याने मौजे नॉंदले ग्रामपंचायत आगरदांडा येथे आयुष्यमान भारत कॅम्प व प्रधान मंत्री योजना जीवन सुरक्षा बिमा, अटल पेन्शन योजना कॅम्प चे आयोजन करण्यात आले. या कॅम्प मध्ये प्रमुख उपस्थिती माजी ग्रामपंचायत सदस्य संतोष पाटील, पोलीस पाटील हर्षचंद्र पाटील, बँक ऑफ इंडिया चे मॅनेजर विजय

दुभाषी, बँक मित्र प्रदीप कदम, बँक सखी माधुरी खोत, अंगणवाडी



सेविका रोहिणी कांबळे व ग्रामसत्र उपस्थित होते. कार्यक्रमात अदानी

फाउंडेशन चे अवधूत पाटील यांनी शासकीय योजनांची माहिती व



त्याचा लाभ वाढवत मार्गदर्शन केले. बँक ऑफ इंडिया चे विजय



Water supply to villages through water tanker on daily basis.

ANNEXURE No. 2

**Consent to Establish and Operate issued
by Maharashtra Pollution Control Board**

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I (R46)
No:- Format1.0/CAC/UAN
No.0000111539/CR/2212001893

Date: 26/12/2022

To,
Dighi Port Limited (south side)
Tal. Shrivardhan, Dist. Raigad,



Your Service is Our Duty

Sub: Renewal of consent for Port activities,

- Ref:**
1. Renewal of consent granted by the Board vide no. BO/JD(APC)/EIC NO. - RD-2512-13/O/CC/CAC--2933 dtd.08.04.2013.
 2. Environmental Clearance vide no. -10-8/2005: IA-III dtd. 30.09.2005.
 3. Corrigendum of Environmental Clearance on 26.12.2005 for construction of 4 new multipurpose Berth.
 4. Corrigendum of Environmental Clearance on 27.01.2022 in respect of berth size.
 5. Minutes of CAC Meeting dtd. 02.12.2022.

Your application No.MPCB-CONSENT-0000111539 Dated 25.03.2021

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to renewal is granted for a period up to 30/11/2023**
2. **The capital investment of the project is Rs.1848.98 Crs. (As per C.A Certificate submitted by industry)**
3. **Consent is valid for handling of:**

| Sr No | Product | Maximum Quantity | UOM |
|----------|--|------------------|--------|
| Products | | | |
| 1 | Port activities at Dighi (South Side), Phase-I having 2 no.s of Jetties/Berths (Multi Purpose Births) and Facilities for liquid storage and liquid cargos. | 0 | --NA-- |

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

| Sr No | Description | Permitted (in CMD) | Standards to | Disposal Path |
|-------|----------------|--------------------|-------------------|----------------|
| 1. | Trade effluent | 0 | As per Schedule-I | Not Applicable |

| Sr No | Description | Permitted | Standards to | Disposal |
|--------------|--------------------|------------------|---------------------|-----------------------|
| 2. | Domestic effluent | 90 | As per Schedule-I | On land for gardening |

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

| Sr No. | Stack No. | Description of stack / source | Number of Stack | Standards to be achieved |
|---------------|------------------|--------------------------------------|------------------------|---------------------------------|
| 1 | 1 ,2,3 | DG Set - 750 KVA X 3 No. | 3 | As per Schedule -II |

6. **Non-Hazardous Wastes:**

| Sr No | Type of Waste | Quantity | UoM | Treatment | Disposal |
|--------------|-----------------------|-----------------|------------|--------------------------------------|---|
| 1 | Municipal Solid Waste | 500 | Kg/M | Collection in different colored bins | Disposal as per Solid Waste Management Rules, 2016 and amendments thereof |

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

| Sr No | Category No./ Type | Quantity | UoM | Treatment | Disposal |
|--------------|---------------------------|-----------------|------------|------------------|-------------------------------------|
| 1 | 5.1 Used or spent oil | 6 | Ton/Y | Recycle | By sale to authorized re-processors |

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
 9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
 10. This consent is issued pursuant to the decision of the Consent Appraisal Committee Meeting held on 02.12.2022.
 11. This Consent is issued subject to an order passed or may be passed by Hon'able Court.
 12. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. SEAC-2013/CR-259/TC-2 dtd. 14/12/2015 and amended /Corrigendum issued thereof.
 13. PP shall operate pollution control system scientifically to achieve the consented norms.
 14. PP shall submit/extend total Bank Guarantee of Rs. 25 lakh towards O & M of pollution control systems and compliance of consent conditions.
 15. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)
- . This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.

Received Consent fee of -

| Sr.No | Amount(Rs.) | Transaction/DR.No. | Date | Transaction Type |
|--------------|--------------------|---------------------------|-------------|-------------------------|
| 1 | 18489800.00 | MPCB-DR-5506 | 12/04/2021 | RTGS |
| 2 | 17048650.00 | MPCB-DR-14939 | 17/10/2022 | NEFT |

The balance amount Rs. 37,62,640/- as per application dtd. 06.004.2015 and Rs. 6,67,960/- as per application dtd. 31.05.2017 is used for this Consent.

Copy to:

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Mahad
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC/CAC Desk for record & website updation purposes.



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] Generation - As per your application the treated effluent generation is Nil.
B] Treatment - NA
C] Disposal - NA
2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 90 CMD for the treatment of 90 CMD of sewage.
B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

| Sr.No | Parameters | Standards (mg/l) | |
|--------------|-------------------|-------------------------|-----|
| 1 | Suspended Solids | Not to exceed | 50 |
| 2 | BOD 3 days 27°C | Not to exceed | 30 |
| 3 | COD | Not to exceed | 100 |

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
 4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
 5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

| Sr. No. | Purpose for water consumed | Water consumption quantity (CMD) |
|----------------|--|---|
| 1. | Industrial Cooling, spraying in mine pits or boiler feed | 0.00 |
| 2. | Domestic purpose | 100.00 |
| 3. | Processing whereby water gets polluted & pollutants are easily biodegradable | 0.00 |
| 4. | Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic | 0.00 |
| 5. | Gardening | 0 |

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

| Stack No. | Source | APC System provided/proposed | Stack Height(in mtr) | Type of Fuel | Sulphur Content(in %) | Pollutant | Standard |
|-----------|------------------------|------------------------------|----------------------|---------------------|-----------------------|-----------|--------------|
| 1 to 3 | DG Set-750 KVA X 3 No. | Acoustic Enclosure | 6.00 | Diesel 103.2 Ltr/Hr | 1 | SO2 | 49.54 Kg/Day |

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III

Details of Bank Guarantees:

| Sr. No | Consent (C2E/C2O/C2R) | Amt of BG Imposed | Submission Period | Purpose of BG | Compliance Period | Validity Date |
|--------|-----------------------|-------------------|-------------------|---|-------------------|---------------|
| 1 | C to R | 25 lakh | 15 Days/ Extend | Towards compliance of Consent conditions. | 30.11.2023 | 30.06.2024 |

BG Forfeiture History

| Srno. | Consent (C2E/C2O/C2R) | Amount of BG imposed | Submission Period | Purpose of BG | Amount of BG Forfeiture | Reason of BG Forfeiture |
|-------|-----------------------|----------------------|-------------------|---------------|-------------------------|-------------------------|
| NA | | | | | | |

BG Return details

| Srno. | Consent (C2E/C2O/C2R) | BG imposed | Purpose of BG | Amount of BG Returned |
|-------|-----------------------|------------|---------------|-----------------------|
| NA | | | | |

SCHEDULE-IV

General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.

- b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
 5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
 6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
 7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
 8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
 9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
 10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
 11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
 12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
 13. The PP shall provide personal protection equipment as per norms of Factory Act
 14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.

15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.

27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.



This certificate is digitally & electronically signed.

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I (R1)
No:- Format1.0/CAC/UAN
No.0000149239/CE/2212001895

Date: 26/12/2022

To,
Dighi Port Limited,(South side) Village - Dighi,
Tal. Shrivardhan, Dist. Raigad.



Your Service is Our Duty

Sub: Consent to Establish for storage and distribution of non-Classified liquid Cargo of 20000 KL Capacity.

Ref: 1. Renewal of consent granted by the Board vide no. Consent No. BO/JD (APC)/EIC No. RD-2512-13/O/CC/CAC-2933 dtd. 08.04.2013
2. Minutes of CAC Meeting dtd. 02.12.2022.

Your application No.MPCB-CONSENT-0000149239 Dated 27.09.2022

For: grant of Consent to Establish under Section 25 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

- The consent to establish is granted for a period up to commissioning of the unit or up to 5 year whichever is earlier.**
- The capital investment of the project is Rs.56 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs.1848 Crs)**
- Consent is valid for the manufacture of:**

| Sr No | Chemical Name | Tank Capacity | No. of Tanks | Type | MOC | Total Handling | UOM |
|-------|-----------------------|---------------|--------------|----------------------|--------------|----------------|-------|
| 1 | Non classified liquid | 20000 | 5 | 6 Cone Roofed Tank M | Carbon Steel | 20000 | KLtr. |

- Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

| Sr No | Description | Permitted (in CMD) | Standards to | Disposal Path |
|-------|-------------------|--------------------|-------------------|------------------------|
| 1. | Trade effluent | 0 | As per Schedule-I | Not Applicable |
| 2. | Domestic effluent | 2.5 | As per Schedule-I | On land for gardening. |

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

| Sr No. | Stack No. | Description of stack / source | Number of Stack | Standards to be achieved |
|--------|-----------|-------------------------------|-----------------|--------------------------|
| 1 | 1 To 3 | DG Set- 750 KVA X 3 No. | 3 | As per Schedule -II |

6. **Non-Hazardous Wastes:**

| Sr No | Type of Waste | Quantity | UoM | Treatment | Disposal |
|-------|-----------------------|----------|--------|-----------|------------|
| 1 | Municipal Solid Waste | 2 | Kg/Day | NA | Local Body |

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

| Sr No | Category No./ Type | Quantity | UoM | Treatment | Disposal |
|-------|---------------------------|----------|---------|---------------------|-------------------------------------|
| 1 | 5.1 Used or spent oil | 150 | Ltr/A | Recycle | By sale to authorized re-processors |
| 2 | 2.2 Sludge containing oil | 30 | M3/Anum | Incineration/ Other | CHWTSDF / authorized Co-processors |

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
 9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
 10. This consent is issued pursuant to the decision of the Consent Appraisal Committee Meeting held on 02.12.2022.
 11. This Consent is issued subject to an order passed or may be passed by Hon'able Court.
 12. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. No. 10-8/2005-IA-III dtd. 30.09.2005 . Amended and Corrigendum issued thereof.
 13. PP shall not do any activity which attracts Environmental Clearance.
 14. PP shall obtain clarification in respect of CRZ clearance from competent authority before starting actual work
 15. PP shall submit BG of Rs. 25 lakh for compliance of consent conditions.
 16. The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/Activity. (Establish)
- . This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.

Received Consent fee of -

| Sr.No | Amount(Rs.) | Transaction/DR.No. | Date | Transaction Type |
|-------|-------------|--------------------|------------|------------------|
| 1 | 100000.00 | MPCB-DR-14801 | 10/10/2022 | NEFT |



Copy to:

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Mahad
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC/CAC Desk for record & website updation purposes.



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] Generation - Nil
B] Treatment - NA
C] Disposal - NA
2. A] As per your application, you have provided 15 KL STP and sewage generated from expansion activity will be treated in same and treated sewage will used on land for gardening.

B] Industry shall comply prescribed standards & disposal path as prescribed at Sr. No. 1 B & C of schedule I.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

| Sr. No. | Purpose for water consumed | Water consumption quantity (CMD) |
|----------------|--|---|
| 1. | Industrial Cooling, spraying in mine pits or boiler feed | 0.00 |
| 2. | Domestic purpose | 3.00 |
| 3. | Processing whereby water gets polluted & pollutants are easily biodegradable | 0.00 |
| 4. | Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic | 0.00 |
| 5. | Gardening | 0 |

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to provide the Air pollution control (APC) system and also to erect following stack (s) to observe the following fuel pattern:

| Stack No. | Source | APC System provided/proposed | Stack Height(in mtr) | Type of Fuel | Sulphur Content(in %) | Pollutant | Standard |
|------------------|-----------------------|-------------------------------------|-----------------------------|---------------------|------------------------------|------------------|-----------------|
| 1 to 3 | DG Set-750 KVA X 3 No | Acoustic Enclosure | 6.00 | Diesel 120 Ltr/Hr | 1 | SO ₂ | 57.6 Kg/Day |

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. Industry shall obtain permission from Petroleum & Explosives Safety Organization (PESO) for handling Petroleum Products.
4. Industry shall use vapour balancing truck/wagon for transportation of Petroleum Products.
5. Truck/Wagon filling bays shall be equipped with vapour collection & treatment system.
6. The project authority shall strictly comply with the provision made in manufacture, storage and import of Hazardous chemicals rule, 1989 as amended in 2000 and the Public Liability Insurance act for handling of hazardous chemicals etc. Necessary approvals from Chief controller of explosives, PESO and other authorities must be obtained before commissioning of project. Requisite onsite and offsite disaster management plan shall be prepared and implemented.
7. Standards for Emissions of VOC pollutants:

| Sr.no | Petrochemical process/ compounds | Maximum emission limit (mg/ Nm³) dry basis |
|--------------|---|--|
| 1. | MA, PA, Phenol | 20 |
| 2. | Ethyl benzene (EB), Styrene, Toulene, Xylene, Aromatics, EG, PG | 100 |
| 3. | Non-methane HC (paraffin), Acetone, olefins. | 150 |

8. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
9. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III

Details of Bank Guarantees:

| Sr. No | Consent (C2E/ C2O /C2R) | Amt of BG Imposed | Submission Period | Purpose of BG | Compliance Period | Validity Date |
|---------------|--------------------------------|--------------------------|--------------------------|--------------------------------------|--------------------------|----------------------|
| 1 | C to E | 25 lakh | Submit in 15 days | For compliance of consent conditions | COU | Up to 1st Operate |

BG Forfeiture History

| Srno. | Consent (C2E/C2O/C2R) | Amount of BG imposed | Submission Period | Purpose of BG | Amount of BG Forfeiture | Reason of BG Forfeiture |
|-------|-----------------------|----------------------|-------------------|---------------|-------------------------|-------------------------|
| NA | | | | | | |

BG Return details

| Srno. | Consent (C2E/C2O/C2R) | BG imposed | Purpose of BG | Amount of BG Returned |
|-------|-----------------------|------------|---------------|-----------------------|
| NA | | | | |

SCHEDULE-IV

General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based
2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.

8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
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13. The PP shall provide personal protection equipment as per norms of Factory Act 1948
14. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
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18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
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21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.

23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The industry should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year April to March in Form-IV by 30th June of every year.
27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.

This certificate is digitally & electronically signed.



MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: <http://mpcb.gov.in>
Email: cac-cell@mpcb.gov.in



Kalpataru Point, 2nd and
4th floor, Opp. Cine Planet
Cinema, Near Sion Circle,
Sion (E), Mumbai-400022

RED/L.S.I (R46)
No:- Format1.0/CAC/UAN
No.0000110738/CR/2303000156

Date: 02/03/2023

To,
Dighi Port Limited, (North Side)
Agardanda, Tal. Murud, Dist. Raigad.



Your Service is Our Duty

Sub: Part Consent to Operate for Operation of port (North Side)

- Ref:**
1. Environmental Clearance vide no. -10-8/2005: IA-III dtd. 30.09.2005 and Amendment and Corrigendum issued time to time
 2. Consent to Establish granted by the Board - Consent No. BO/JD (APC)/EIC No. Raigad-65/CE-Amendment/CC/CAC-2938-A dtd. 31.10.2013.
 3. Letter issued by MoEFCC for full project details on 06.02.2023.
 4. Minutes of CAC meeting dtd. 09.02.2023.

Your application No.MPCB-CONSENT-0000110738 Dated 15.03.2021

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to renewal is granted for a period up to 30/06/2024**
2. **The capital investment of the project is Rs.334.01 Crs. (As per C.A Certificate submitted by industry)**
3. **Consent is valid for handling of:**

| Sr No | Product | Maximum Quantity | UOM |
|----------|---|------------------|--------|
| Products | | | |
| 1 | Port activities at Agardanda (North Side), Phase-I having 2 no.s of Jetties/Berths (Multi Purpose Births) and Facilities for storage and handling of Dry & liquid cargos. | 0 | --NA-- |

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

| Sr No | Description | Permitted (in CMD) | Standards to | Disposal Path |
|-------|-------------------|--------------------|-------------------|-------------------------|
| 1. | Trade effluent | 0 | As per Schedule-I | Not Applicable |
| 2. | Domestic effluent | 135 | As per Schedule-I | On land for irrigation. |

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

| <i>Sr No.</i> | <i>Stack No.</i> | <i>Description of stack / source</i> | <i>Number of Stack</i> | <i>Standards to be achieved</i> |
|---------------|------------------|--------------------------------------|------------------------|---------------------------------|
| 1 | 1 | 350 KVA DG set | 1 | As per Schedule -II |
| 2 | 1 | 1500 KVA DG set | 1 | As per Schedule -II |

6. **Non-Hazardous Wastes:**

| <i>Sr No</i> | <i>Type of Waste</i> | <i>Quantity</i> | <i>UoM</i> | <i>Treatment</i> | <i>Disposal</i> |
|--------------|-----------------------|-----------------|------------|------------------|--|
| 1 | Municipal Solid waste | 500 | Kg/M | Collection | Disposal as per Solid Waste Management Rule, 2016 and amendments thereof |

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

| <i>Sr No</i> | <i>Category No./ Type</i> | <i>Quantity</i> | <i>UoM</i> | <i>Treatment</i> | <i>Disposal</i> |
|--------------|---------------------------|-----------------|------------|-------------------------------------|-------------------------------------|
| 1 | 5.1 Used or spent oil | 7 | MT | By sale to authorized re-processors | By sale to authorized re processors |

8. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
9. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
10. PP shall not take any effective steps for expansion and for balance work as per previous EC till obtain valid EC from competent authority.
11. This consent is issued pursuant to the decision of the Consent Appraisal Committee Meeting held on 09.02.2023.
12. This Consent is issued subject to an order passed or may be passed by Hon'ble Court.
13. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. -10-8/2005: IA-III dtd. 30.09.2005 and Amendment and Corrigendum issued time to time.
14. PP shall operate pollution control system scientifically to achieve the consented norms.
15. Industry shall submit/Extend BG of Rs. 25 lakh for compliance of consent condition and O & M of pollution control system.
16. This consent is issued as per clarification Letter issued by MoEFCC for full project details on 06.02.2023.

17. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)
- . This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.

Received Consent fee of -

| Sr.No | Amount(Rs.) | Transaction/DR.No. | Date | Transaction Type |
|--------------|--------------------|---------------------------|-------------|-------------------------|
| 1 | 2004060.00 | MPCB-DR-5088 | 21/03/2021 | RTGS |

Balance amount of Rs. 1113340 will be considered at the time of next renewal of consent.

Copy to:

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Raigad II
 - They are directed to ensure the compliance of the consent conditions.
 - They are directed to verify the capital investment and audited balance sheet of full project (North & South side) and submit the report.
2. Chief Accounts Officer, MPCB, Sion, Mumbai
3. CC/CAC Desk for record & website updation purposes.



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] Generation - As per your application the treated effluent generation is Nil.
B] Treatment - NA
C] Disposal - NA
2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 135 CMD for the treatment of 135 CMD of sewage.
B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

| Sr.No | Parameters | Standards (mg/l) | |
|--------------|-------------------|-------------------------|-----|
| 1 | Suspended Solids | Not to exceed | 50 |
| 2 | BOD 3 days 27°C | Not to exceed | 30 |
| 3 | COD | Not to exceed | 100 |

- C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises.
3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.
 4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
 5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

| Sr. No. | Purpose for water consumed | Water consumption quantity (CMD) |
|----------------|--|---|
| 1. | Industrial Cooling, spraying in mine pits or boiler feed | 0.00 |
| 2. | Domestic purpose | 150.00 |
| 3. | Processing whereby water gets polluted & pollutants are easily biodegradable | 0.00 |
| 4. | Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic | 0.00 |
| 5. | Gardening | 0 |

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

| Stack No. | Source | APC System provided/prop osed | Stack Height(in mtr) | Type of Fuel | Sulphur Content(in %) | Pollutant | Standard |
|-----------|-----------------|-------------------------------|----------------------|-------------------------|-----------------------|-----------|-------------|
| 1 | 350 KVA DG set | Acoustic Enclosure | 6.00 | Diesel (HSD) 60 Ltr/Hr | 1 | SO2 | 28.8 Kg/Day |
| 1 | 1500 KVA DG set | Acoustic Enclosure | 6.00 | Diesel (HSD) 170 Ltr/Hr | 1 | SO2 | 81.6 Kg/Day |

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III

Details of Bank Guarantees:

| Sr. No | Consent (C2E/ C2O /C2R) | Amt of BG Imposed | Submission Period | Purpose of BG | Compliance Period | Validity Date |
|--------|-------------------------|-------------------|-------------------|--|-------------------|---------------|
| 1 | C to O | 25 lakh | Submit in 15 days | For compliance of consent conditions and O & M of PCS. | 30.06.2024 | 31.12.2024 |

BG Forfeiture History

| Srno. | Consent (C2E/C2O/C2R) | Amount of BG imposed | Submission Period | Purpose of BG | Amount of BG Forfeiture | Reason of BG Forfeiture |
|-------|-----------------------|----------------------|-------------------|---------------|-------------------------|-------------------------|
| NA | | | | | | |

BG Return details

| Srno. | Consent (C2E/C2O/C2R) | BG imposed | Purpose of BG | Amount of BG Returned |
|-------|-----------------------|------------|---------------|-----------------------|
| NA | | | | |

SCHEDULE-IV

General Conditions:

1. The Energy source for lighting purpose shall preferably be LED based

2. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
3. Conditions for D.G. Set
 - a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
 - b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
 - c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
 - d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
 - e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
 - f) D.G. Set shall be operated only in case of power failure.
 - g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
 - h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
4. The applicant shall maintain good housekeeping.
5. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
6. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
7. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding upon you.
8. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
9. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
10. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
11. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
12. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
13. You shall operate OCEMS installed for source emission round 'O' clock and transmit data online to CPCB and MPCB server. You shall also monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in year and submit report to Sub Regional Officer.

14. You shall ensure collection, and segregation of BMW regularly to treat and dispose Off within 48 hrs from generation.
15. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
16. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
17. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
18. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
19. You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport the Bio Medical waste for any other purpose without obtaining prior written permission of the MPC Board.
20. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
21. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
22. The industry should not cause any nuisance in surrounding area.
23. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
24. You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.
25. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
26. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto

27. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
28. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
29. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
30. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
31. You should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in every year and submit report to Sub Regional Officer.
32. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
33. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
34. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
35. You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
36. You shall create the Environmental Cell by appointing an Environmental Engineer and Chemist for looking after day-to-day activities related to compliance of CCA.
37. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year
38. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year

This certificate is digitally & electronically signed.

ANNEXURE No. 3

**Details of firefighting infrastructure
provided at Dighi Port**

Fire Infrastructure provided at Dighi Port



Water hydrant line with fire tower and hose reel points installed at Jetty area. Regular mock drills on fire fighting are being conducted.

Fire Infrastructure provided at Dighi Port



2 Nos of Well-equipped fire tenders are in operation

Fire Infrastructure provided at Dighi Port



Fire Extinguisher are installed at various locations of Dighi Port for fire control

ANNEXURE No. 4

**NOC obtained from Central
Groundwater Authority (CGWA) for
withdrawal of Groundwater.**



भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

| | | | |
|-----------------------------------|--|--------|-------------|
| Project Name: | Dighi Port Limited | | |
| Project Address: | Dighi Port Limited, Village And Post- Dighi,, Taluka Shrivardhan, District- Raigad | | |
| Village: | Dighi | Block: | Shrivardhan |
| District: | Raigad | State: | Maharashtra |
| Pin Code: | | | |
| Communication Address: | Dighi Port Limited, Village And Post - Dighi, Taluka - Shrivardhan, District - Raigad, Shrivardhan, Raigad, Maharashtra - 402402 | | |
| Address of CGWB Regional Office : | Central Ground Water Board Central Region, N.s. Building, Civil Lines, Nagpur, Maharashtra - 440001 | | |

| | | | | | | | | | | | | |
|---|------------------------------|-----------------------------|---------------------|----------------------|---------------------|----------------------|------------------------------|----------------------|---------------------|----|----|-----|
| 1. NOC No.: | CGWA/NOC/INF/ORIG/2021/14086 | | | | | | | | | | | |
| 2. Application No.: | 21-4/6997/MH/INF/2021 | 3. Category: (GWRE 2020) | Safe | | | | | | | | | |
| 4. Project Status: | Existing Project | 5. NOC Type: | New | | | | | | | | | |
| 6. Valid from: | 20/12/2021 | 7. Valid up to: | 19/12/2026 | | | | | | | | | |
| 8. Ground Water Abstraction Permitted: | | | | | | | | | | | | |
| | Fresh Water | | Saline Water | Dewatering | | Total | | | | | | |
| | m ³ /day | m ³ /year | m ³ /day | m ³ /year | m ³ /day | m ³ /year | m ³ /day | m ³ /year | | | | |
| | 90.00 | 32850.00 | | | | | | | | | | |
| 9. Details of ground water abstraction /Dewatering structures | | | | | | | | | | | | |
| | Total Existing No.: 1 | | | | | | Total Proposed No.: 1 | | | | | |
| | DW | DCB | BW | TW | MP | MPu | DW | DCB | BW | TW | MP | MPu |
| Abstraction Structure* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| *DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps | | | | | | | | | | | | |
| 10. Ground Water Abstraction/Restoration Charges paid (Rs.): | | | | | | | 68580.00 | | | | | |
| 11. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism. | No. of Piezometers | | | | | | Monitoring Mechanism | | | | | |
| | | | | | | | Manual | DWLR** | DWLR With Telemetry | | | |
| **DWLR - Digital Water Level Recorder | 1 | | | | | | 0 | 1 | 0 | | | |

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE

Validity of this NOC shall be subject to compliance of the following conditions:

Mandatory conditions:

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website (www.cgwa-noc.gov.in) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m³/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

General conditions:

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m³/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)

ANNEXURE No. 5

**Electricity supply permission received
from Maharashtra State Electricity
Distribution Co. Ltd.**

(A Govt. of Maharashtra Undertaking)

CIN : U 40109MH2005SGC153645

PHONE NO: 02143-252099 / 253568
 FAX NO : 252724
 Email : sepen@mahadiscom.in
 Website : www.mahadiscom.in

Office Of the Superintending Engineer (PC)
 22KV Sub-Stn. Yard, Antore Road, Pen
 PEN - Dist: Raigad - 402 107.

Ref. No: SE/PC/Tech/GRN/Cons...../ **No = 440** Date: **18 FEB 2022**

LOAD SANCTION ORDER

To,
 M/s.Dighi Port Ltd.
 At Po.Dighi, Tal:Shriwardhan,
 Dist:Raigad

SUB: New H.T. Power Supply for your Unit at above address.

- REF:**
- 1) Your online application No.38367895
 - 2) T. O. L. No. SE/PC/Tech/GRN/Cons.. /0159 dt.19.01.2022
 - 3) T.O.L.No.EE/TDP/Tech/HT-New/0310 dt.9.02.2022
 - 4) Tech Feasibility No.EE/ GRN /Tech/379 dt.10.02.2022
 - 5) T. O. L. No. SE/PC/Tech/ GRN /Cons...../..... dt....01.2021
 - 6) Cir.No.ED(Dist-II)/Guidelines/NoN SOP/25388 dt.11.09.2019

Dear Sirs,

With reference to your application for New H.T. supply to your above site, we are pleased to inform you that, the same is sanctioned on the following terms and conditions.

PURPOSE: PORT

This Load Sanction is SUBJECT TO removal of Existing LT Connection & its line from the Premises of proposed HT Connection before Release of HT Connection.

1) LOAD SANCTION:

| | <u>Connected Load(KW)</u> | <u>Maximum Demand (KVA)</u> |
|----------------|---------------------------|-----------------------------|
| a)Present | ----- KW | ----- KVA |
| b)New | 1200 KW | 600 KVA |
| | ----- | ----- |
| 2)Total | 1200 KW | 600 KVA |
| | ===== | ===== |

This load sanction is valid up to **SIX MONTHS** from the date of issue of this order.

3) PAYMENT : Please arrange to make payments as detailed below within **Thirty** days from the date of issue of this order:

a)If you want that the MSSEDCL shall complete the works:

| | |
|--|------------|
| i) Fixed Service Connection Charges | Rs. - 0.00 |
| ii) Security Deposit | Rs. - 0.00 |
| iii) Cost of the Estimate / S.L.C. | Rs. - \ |
| iv) Cost of HT metering. | Rs. - \ |
| v) Cost of stamp fee of the agreement form | Rs. - 0.00 |

Total Rs. 0..00

(Rs. only.)

Cont...2

b) If you want that, you shall complete the works yourself then, the following charges should be paid by you by D.D.

| | | |
|---|-----|-------------|
| i) 1.3% S.C. on total estimate cost | Rs. | 77,920/- |
| GST @ 18% | Rs. | 14,026/- |
| ii) Fixed Service Connection Charges | Rs. | /- |
| iii) Security Deposit | Rs. | 17,99,000/- |
| iv) Cost of stamp fee of the agreement form | Rs. | 420/- |
| v) Processing Fee | Rs. | 2,500/- |
| GST @ 18% | Rs. | 450/- |

Total Rs. 18,94,316/-

(Rs. Eighteen Lakh ninety four thousand three hundred sixteen only)

You are requested to pay the above amount by DD payable at Mumbai/Pen drawn in favour of M.S.E.D.Co.Ltd. in this office.

The Xerox copy of payment made may be submitted to this office and the concerned Division Office.

***** If your future Load Exceeds 7500KVA, in that condition, as per MERC Regulations & Distribution Circular of MSEDCL u/r at (6) above, you will have to opt for EHV Voltage Level as it is mandatory as per provisions of MSEDCL Cir.No.ED(Dist-II)/Guidelines/NoN SOP/25388 dt.11.09.2019.**

4) TRANSFORMER: You will have to install your own transformer Sub-Station with transformer capacity of **750KVA** T/F in view of your sanction load & your request letter. The Transformer to be utilized should be BIS marked, BEE Certified and as per IS 1180 (Part I): 2014.

a) POINT OF SUPPLY: Location of point of supply will be decided by the MSEDCL and will be binding on you.

5) CONSUMER'S APPARATUS: As per condition No.13 of MSEDCL Ltd. condition of supply, you will have to provide the apparatus depending upon the load and KV.

6) METERING (H.T.):

a) You will have to provide 3 Nos. of Metering cubicle with 3CTs & 3PTs as per reference(5),

CT Ratio 25/5A VA Burden for CT's- 10VA, Class of Acc- 0.5S,

PTR-22000 /110V, VA Burden for PTs – 50VA Class of Acc-0.5

$\sqrt{3}$ $\sqrt{3}$

b) Meter will be provided by MSEDCL.

c) You will have to provide separate KWh meter for lighting load for Adm. Building / Residential colony for calculating electricity duty & applying correct tariff. You have to get tested sub-meters from Testing Division, Pen and declare the load for the specific purpose.

7) METERING (L.T.):

a) T.O.D. M.D. Meter - 1 No.

b) L.T. Current transformer class 0.5 accuracy - 3 Nos.

c) Molded case circuit breaker, 150A, 5KA - 1 No.

d) Outgoing terminal block - 1 No.

i) Residential Quarters ii) Rest House

iii) Water Pump of Colony iv) Colony St. lighting

v) Office Club vi) Office Lighting

Conti...3

- 7) RATED VOLTAGE:** The supply will be given to you on 22KV three phase 50 C/S.
- 8) CAPACITORS:** As per Condition No.30 (k) of MSEDCL's Conditions of supply, you will have to maintain power factor not less than 0.9 in order to maintain this required P.F. you will have to install tested capacitors of capacity **200 KVAR Total AT YOUR COST FOR THIS LOAD SANCTION.**
- 9) AGREEMENT:** You will have to execute the agreement with MSEDCL in prescribed form in presence of Superintending Engineer (PC), Pen after payment Rs. **18,94,316/-** as above and Test Report. The cost of agreement forms will be borne by you. You will have to bring company Seal/Rubber Stamp, Power of Attorney, a copy of MSEDCL's Resolution and point of supply drawing at the time of execution of agreement.
- 10) GENERATORS:** In case, you intend to install generator as standby unit, you will have to obtain the permission from our Head Office and Electrical Inspector.
- 11) TEST REPORT:** You will have to submit the test report for installation of equipment/machinery/capacitors along with the mention of capacitors and ELCB etc.. The test report from Manufacturer in respect of the transformer, CB and HT equipment etc. should also be submitted in duplicate.
- 12) GENERAL:** Electric supply will be governed by the rules and regulations of the MSEDCL as amended from time to time and Indian Electricity Act and Rules as applicable from time to time. You will have to get the entire installation approved by Electrical Inspector, a copy of which is required to be submitted to this office before commencement of supply.
- 13) G-7 FORM:** You will have to maintain the information regarding units consumed, maximum demand etc. on day-to-day basis in the form prescribed by the MSEDCL and make it available for inspection on demand. This form shall be handed over to MSEDCL's representative at the time of monthly meter reading.
- 14) M.D. LIMIT:** If you exceed sanctioned limit at any time, without prior permission, supply to your installation shall be liable for disconnection without any further notice from the MSEDCL and excess M.D. will be charged at higher rate as per MSEDCL's rule, and you will be liable to pay additional S.D. if M.D. exceeds three or more time in year as per condition 31(f)(l).
- 15) ACCEPTANCE:** Please arrange to submit your acceptance in writing for the above terms and conditions and to the terms and govt. order under reference.
- 16) UNAUTHORISED EXCEEDING LOAD:** Actual connected load in KW or MD in KVA should not be exceeded unless specific load release order received which is given after completion of MSEDCL's formalities i.e. prescribed application, payment and T.R. etc.
- 17) AUTHORISED SIGNATORIES OF CONSUMERS:** You should furnish to us the names, designation and specimen signatories of at least two authorized representatives duly certified by you, who shall be empowered by you, to sign H.T. meter readings, routine test of T.V. meter & installation etc.. Please note that at least one of the authorized representatives should be available for signature at all times.

Conti...4

: 4 :

18) HARMONIES CONTROL: You should ensure that the total harmonics generated and injected to M.S.E.D.CO.LTD. System by your load should not be more than 3% and the individual harmonic shall not be more than 1%. You will correct any default on your part within 3 months.

19) REMARKS: On completion of above formalities, further action for extending supply facility will be taken from our end subject to technical feasibility. Any objections should be removed at your cost & risk.

The above sanction is subject to condition that you have to submit relevant documents as per this office Letter No. 159 dt.. 19.01.2022 before actual release of supply.

In case any clarification is required, you may contact this office.

Thanking you,

Yours faithfully


Superintending Engineer (PC)
PEN

Copy to:

- 1) The Executive Engineer, M.S.E.D.CO.LTD., Goregaon – This has ref. to letter No. 379 dt.10.02.2022
- 2) The Executive Engineer; M.S.E.D.CO.LTD., Testing Dn., Pen.
- 3) The Sr. Manager (F&A), M.S.E.D.CO.LTD., Pen.
- 4) The Dy.Ex. Engineer, M.S.E.D.CO.LTD, Shriwardhan
- 5) HT Billing /Ag. File/MF

Details

- | | |
|---------------------|-------------------------------------|
| A] Estimated cost: | =Rs. 59,93,833/- |
| B] 1.3% S.C. | = Rs.77920/-+ GST – Rs.14026/- |
| D] Cost of Ag. Form | = Rs.420/- |
| E) S.D. | = Rs.17,99,000/- |
| F] Processing fees | = Rs.2500/- Plus GST – 450/- |

ANNEXURE No. 6

Summary of Environment Monitoring during Compliance Period



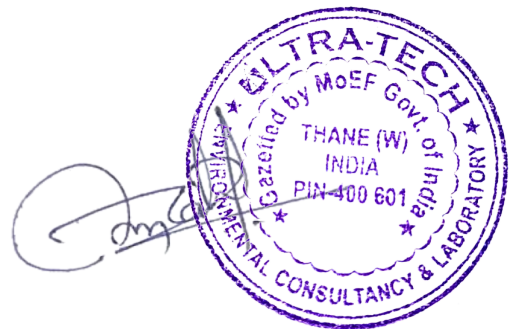
ENVIRONMENTAL MONITORING REPORT ISSUED TO DIGHI PORT LIMITED

REPORT NO. : UT/ELS/REPORT/ADANI/DIGHI/EMR-01/2023
Period : May 2023 to October 2023
Issue No : 01
Revision No : 00
Prepared by : **ULTRA-TECH, Environmental Consultancy & Laboratory,**
Survey No. 93/A, Conformity Hissa No. 2, G. V. Brothers Building,
Bata Compound, Khopat, Thane (W) - 400 601 Maharashtra.



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| 2. | AMBIENT NOISE LEVEL MONITORING | 10 to 12 |
| 3. | DRINKING WATER | 13 to 14 |
| 4. | GROUND WATER | 15 to 16 |
| 5. | MARINE WATER QUALITY MONITORING & MARINE ECOSYSTEM MONITORING | 17 to 22 |
| 6. | MARINE SEDIMENT QUALITY MONITORING | 23 to 24 |
| 7. | D. G. SET STACK EMISSION MONITORING | 25 |



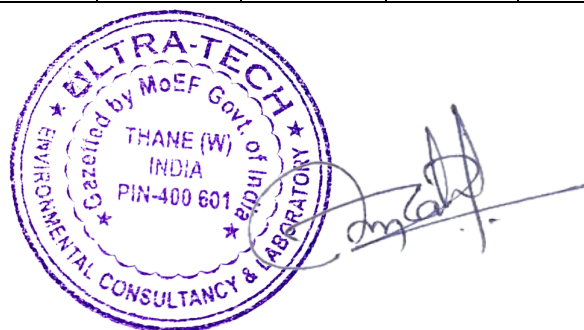
1. AMBIENT AIR QUALITY MONITORING

Results of AAQM Near Office Area of South Bank Operations [Dighi Site] - Location Code: AM1

| Sl. No. | Monitoring Month | Date of sampling | Sulphur Dioxide (SO ₂) [µg/m ³] | Oxides of Nitrogen (NO _x) [µg/m ³] | Respirable Particulate Matter (PM ₁₀) [µg/m ³] | Particulate Matter (PM _{2.5}) [µg/m ³] | Carbon Monoxide as CO [mg/m ³] | Hydrocarbon as CH ₄ [ppm] |
|---------|--------------------------|--------------------------|---|--|--|--|--|--------------------------------------|
| 1 | May-23 | 15/05/2023 to 16/05/2023 | BDL[DL=5] | 8 | 61 | 20 | 0.5 | BDL[DL=0.1] |
| 2 | | 18/05/2023 to 19/05/2023 | BDL[DL=5] | 23 | 70 | 27 | 1.2 | BDL[DL=0.1] |
| 3 | | 22/05/2023 to 23/05/2023 | BDL[DL=5] | BDL[DL=6] | 30 | 11 | 0.6 | BDL[DL=0.1] |
| 4 | | 25/05/2023 to 26/05/2023 | BDL[DL=5] | 14 | 46 | 21 | 0.4 | BDL[DL=0.1] |
| 5 | | 29/05/2023 to 30/05/2023 | BDL[DL=5] | 8 | 70 | 23 | 0.9 | BDL[DL=0.1] |
| 6 | Jun-23 | 01/06/2023 to 02/06/2023 | BDL[DL=5] | 21 | 64 | 22 | 1.1 | BDL[DL=0.1] |
| 7 | | 05/06/2023 to 06/06/2023 | BDL[DL=5] | 7 | 37 | 11 | 1.0 | BDL[DL=0.1] |
| 8 | | 08/06/2023 to 09/06/2023 | BDL[DL=5] | 9 | 64 | 18 | 0.4 | BDL[DL=0.1] |
| 9 | | 12/06/2023 to 13/06/2023 | BDL[DL=5] | 7 | 60 | 24 | 0.6 | BDL[DL=0.1] |
| 10 | | 15/06/2023 to 16/06/2023 | BDL[DL=5] | 23 | 69 | 26 | 1.2 | BDL[DL=0.1] |
| 11 | | 19/06/2023 to 20/06/2023 | BDL[DL=5] | 9 | 63 | 22 | 0.6 | BDL[DL=0.1] |
| 12 | | 22/06/2023 to 23/06/2023 | BDL[DL=5] | 22 | 71 | 27 | 1.1 | BDL[DL=0.1] |
| 13 | | 26/06/2023 to 27/06/2023 | BDL[DL=5] | 6 | 44 | 13 | 1.1 | BDL[DL=0.1] |
| 14 | 29/06/2023 to 30/06/2023 | BDL[DL=5] | 6 | 61 | 20 | 0.9 | BDL[DL=0.1] | |
| 15 | Jul-23 | 03/07/2023 to 04/07/2023 | BDL[DL=5] | 20 | 61 | 19 | 1.2 | BDL[DL=0.1] |
| 16 | | 06/07/2023 to 07/07/2023 | BDL[DL=5] | 8 | 61 | 16 | 0.5 | BDL[DL=0.1] |
| 17 | | 10/07/2023 to 11/07/2023 | BDL[DL=5] | 6 | 35 | 13 | 1.1 | BDL[DL=0.1] |
| 18 | | 13/07/2023 to 14/07/2023 | BDL[DL=5] | 6 | 40 | 15 | 0.9 | BDL[DL=0.1] |
| 19 | | 17/07/2023 to 18/07/2023 | BDL[DL=5] | 8 | 65 | 19 | 0.5 | BDL[DL=0.1] |
| 20 | | 20/07/2023 to 21/07/2023 | BDL[DL=5] | 10 | 66 | 20 | 0.5 | BDL[DL=0.1] |
| 21 | | 24/07/2023 to 25/07/2023 | BDL[DL=5] | 8 | 39 | 12 | 0.9 | BDL[DL=0.1] |
| 22 | | 27/07/2023 to 28/07/2023 | BDL[DL=5] | 8 | 59 | 22 | 0.9 | BDL[DL=0.1] |
| 23 | | 31/07/2023 to 01/08/2023 | BDL[DL=5] | 6 | 57 | 19 | 1.0 | BDL[DL=0.1] |
| 24 | Aug-23 | 03/08/2023 to 04/08/2023 | BDL[DL=5] | 8 | 52 | 17 | 0.9 | BDL[DL=0.1] |
| 25 | | 07/08/2023 to 08/08/2023 | BDL[DL=5] | 7 | 50 | 19 | 0.8 | BDL[DL=0.1] |
| 26 | | 11/08/2023 to 12/08/2023 | BDL[DL=5] | 8 | 65 | 17 | 0.9 | BDL[DL=0.1] |
| 27 | | 14/08/2023 to 15/08/2023 | BDL[DL=5] | 8 | 56 | 16 | 0.5 | BDL[DL=0.1] |
| 28 | | 17/08/2023 to 18/08/2023 | BDL[DL=5] | 7 | 54 | 17 | 1.1 | BDL[DL=0.1] |

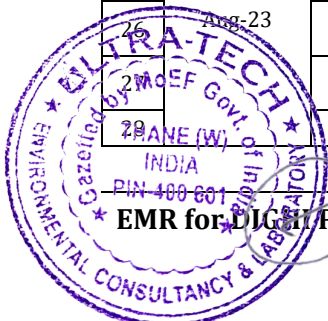
| Sl. No. | Monitoring Month | Date of sampling | Sulphur Dioxide (SO ₂) [µg/m ³] | Oxides of Nitrogen (NO _x) [µg/m ³] | Respirable Particulate Matter (PM ₁₀) [µg/m ³] | Particulate Matter (PM _{2.5}) [µg/m ³] | Carbon Monoxide as CO [mg/m ³] | Hydrocarbon as CH ₄ [ppm] | |
|----------------|--------------------------|--------------------------|---|--|--|--|--|--------------------------------------|-------------|
| | | 18/08/2023 | | | | | | | |
| 29 | | 21/08/2023 to 22/08/2023 | BDL[DL=5] | 6 | 50 | 17 | 0.6 | BDL[DL=0.1] | |
| 30 | | 24/08/2023 to 25/08/2023 | BDL[DL=5] | 6 | 42 | 14 | 1.1 | BDL[DL=0.1] | |
| 31 | | 31/08/2023 to 01/09/2023 | BDL[DL=5] | 9 | 57 | 20 | 0.6 | BDL[DL=0.1] | |
| 32 | Sep-23 | 04/09/2023 to 05/09/2023 | BDL[DL=5] | 6 | 46 | 15 | 0.4 | BDL[DL=0.1] | |
| 33 | | 07/09/2023 to 08/09/2023 | BDL[DL=5] | 9 | 49 | 13 | 0.6 | BDL[DL=0.1] | |
| 34 | | 11/09/2023 to 11/09/2023 | BDL[DL=5] | 15 | 54 | 19 | 1.1 | BDL[DL=0.1] | |
| 35 | | 14/09/2023 to 15/09/2023 | BDL[DL=5] | 8 | 51 | 13 | 0.7 | BDL[DL=0.1] | |
| 36 | | 18/09/2023 to 19/09/2023 | BDL[DL=5] | 10 | 60 | 15 | 0.7 | BDL[DL=0.1] | |
| 37 | | 21/09/2023 to 22/09/2023 | BDL[DL=5] | 6 | 60 | 17 | 0.6 | BDL[DL=0.1] | |
| 38 | | 25/09/2023 to 26/09/2023 | BDL[DL=5] | 7 | 45 | 14 | 0.3 | BDL[DL=0.1] | |
| 39 | | 28/09/2023 to 29/09/2023 | BDL[DL=5] | 8 | 65 | 22 | 0.7 | BDL[DL=0.1] | |
| 40 | | Oct-23 | 02/10/2023 to 03/10/2023 | BDL[DL=5] | 7 | 43 | 17 | 1.1 | BDL[DL=0.1] |
| 41 | | | 05/10/2023 to 06/10/2023 | BDL[DL=5] | 10 | 63 | 17 | 0.6 | BDL[DL=0.1] |
| 42 | 09/10/2023 to 10/10/2023 | | BDL[DL=5] | 7 | 42 | 12 | 0.9 | BDL[DL=0.1] | |
| 43 | 12/10/2023 to 13/10/2023 | | BDL[DL=5] | 7 | 54 | 18 | 0.5 | BDL[DL=0.1] | |
| 44 | 16/10/2023 to 17/10/2023 | | BDL[DL=5] | 9 | 46 | 14 | 0.5 | BDL[DL=0.1] | |
| 45 | 19/10/2023 to 20/10/2023 | | BDL[DL=5] | 8 | 49 | 12 | 0.4 | BDL[DL=0.1] | |
| 46 | 23/10/2023 to 24/10/2023 | | BDL[DL=5] | 7 | 40 | 12 | 0.5 | BDL[DL=0.1] | |
| 47 | 26/10/2023 to 27/10/2023 | | BDL[DL=5] | 8 | 48 | 16 | 0.4 | BDL[DL=0.1] | |
| 48 | 30/10/2023 to 31/10/2023 | | BDL[DL=5] | 28 | 81 | 31 | 1.4 | BDL[DL=0.1] | |
| Average | | | 5 | 10 | 54 | 18 | 0.8 | 0.1 | |
| Minimum | | | 5 | 6 | 30 | 11 | 0.3 | 0.1 | |
| Maximum | | | 5 | 28 | 81 | 31 | 1.4 | 0.1 | |

BDL: Below Detection limits
DL: Detection limit



Results of AAQM Near Berth No.-01 of South Bank Operations [Dighi Site].- Location Code: AM2

| Sl. No. | Monitoring Month | Date of sampling | Sulphur Dioxide (SO ₂) [µg/m ³] | Oxides of Nitrogen (NO _x) [µg/m ³] | Respirable Particulate Matter (PM ₁₀) [µg/m ³] | Particulate Matter (PM _{2.5}) [µg/m ³] | Carbon Monoxide as CO [mg/m ³] | Hydrocarbon as CH ₄ [ppm] |
|---------|--------------------------|--------------------------|---|--|--|--|--|--------------------------------------|
| 1 | May-23 | 15/05/2023 to 16/05/2023 | BDL[DL=5] | 10 | 54 | 25 | 0.3 | BDL[DL=0.1] |
| 2 | | 18/05/2023 to 19/05/2023 | BDL[DL=5] | 21 | 76 | 35 | 1.1 | BDL[DL=0.1] |
| 3 | | 22/05/2023 to 23/05/2023 | BDL[DL=5] | BDL[DL=6] | 32 | 16 | 1.0 | BDL[DL=0.1] |
| 4 | | 25/05/2023 to 26/05/2023 | BDL[DL=5] | 7 | 38 | 11 | 0.9 | BDL[DL=0.1] |
| 5 | | 29/05/2023 to 30/05/2023 | BDL[DL=5] | 6 | 47 | 20 | 1.1 | BDL[DL=0.1] |
| 6 | Jun-23 | 01/06/2023 to 02/06/2023 | BDL[DL=5] | 12 | 60 | 29 | 0.2 | BDL[DL=0.1] |
| 7 | | 05/06/2023 to 06/06/2023 | BDL[DL=5] | 9 | 29 | 11 | 0.5 | BDL[DL=0.1] |
| 8 | | 08/06/2023 to 09/06/2023 | BDL[DL=5] | 8 | 40 | 16 | 0.4 | BDL[DL=0.1] |
| 9 | | 12/06/2023 to 13/06/2023 | BDL[DL=5] | 11 | 50 | 24 | 0.5 | BDL[DL=0.1] |
| 10 | | 15/06/2023 to 16/06/2023 | BDL[DL=5] | 11 | 64 | 30 | 0.4 | BDL[DL=0.1] |
| 11 | | 19/06/2023 to 20/06/2023 | BDL[DL=5] | 11 | 58 | 20 | 0.3 | BDL[DL=0.1] |
| 12 | | 22/06/2023 to 23/06/2023 | BDL[DL=5] | 13 | 68 | 26 | 0.6 | BDL[DL=0.1] |
| 13 | | 26/06/2023 to 27/06/2023 | BDL[DL=5] | 15 | 62 | 19 | 0.4 | BDL[DL=0.1] |
| 14 | 29/06/2023 to 30/06/2023 | BDL[DL=5] | 7 | 67 | 23 | 1.0 | BDL[DL=0.1] | |
| 15 | Jul-23 | 03/07/2023 to 04/07/2023 | BDL[DL=5] | 10 | 52 | 31 | 0.4 | BDL[DL=0.1] |
| 16 | | 06/07/2023 to 07/07/2023 | BDL[DL=5] | 11 | 50 | 23 | 0.6 | BDL[DL=0.1] |
| 17 | | 10/07/2023 to 11/07/2023 | BDL[DL=5] | 10 | 31 | 11 | 0.7 | BDL[DL=0.1] |
| 18 | | 13/07/2023 to 14/07/2023 | BDL[DL=5] | 10 | 34 | 13 | 0.6 | BDL[DL=0.1] |
| 19 | | 17/07/2023 to 18/07/2023 | BDL[DL=5] | 7 | 31 | 13 | 0.7 | BDL[DL=0.1] |
| 20 | | 20/07/2023 to 21/07/2023 | BDL[DL=5] | 8 | 36 | 14 | 0.6 | BDL[DL=0.1] |
| 21 | | 24/07/2023 to 25/07/2023 | BDL[DL=5] | 11 | 58 | 26 | 0.4 | BDL[DL=0.1] |
| 22 | | 27/07/2023 to 28/07/2023 | BDL[DL=5] | 10 | 44 | 23 | 0.3 | BDL[DL=0.1] |
| 23 | 31/07/2023 to 01/08/2023 | BDL[DL=5] | 10 | 39 | 13 | 0.7 | BDL[DL=0.1] | |
| 24 | Aug-23 | 03/08/2023 to 04/08/2023 | BDL[DL=5] | 7 | 47 | 17 | 0.5 | BDL[DL=0.1] |
| 25 | | 07/08/2023 to 08/08/2023 | BDL[DL=5] | 11 | 35 | 16 | 0.4 | BDL[DL=0.1] |
| 26 | | 10/08/2023 to 11/08/2023 | BDL[DL=5] | 11 | 61 | 23 | 0.6 | BDL[DL=0.1] |
| 27 | | 14/08/2023 to 15/08/2023 | BDL[DL=5] | 10 | 49 | 21 | 0.7 | BDL[DL=0.1] |
| 28 | | 17/08/2023 to | BDL[DL=5] | 8 | 45 | 16 | 0.3 | BDL[DL=0.1] |



| Sl. No. | Monitoring Month | Date of sampling | Sulphur Dioxide (SO ₂) [µg/m ³] | Oxides of Nitrogen (NO _x) [µg/m ³] | Respirable Particulate Matter (PM ₁₀) [µg/m ³] | Particulate Matter (PM _{2.5}) [µg/m ³] | Carbon Monoxide as CO [mg/m ³] | Hydrocarbon as CH ₄ [ppm] |
|----------------|------------------|--------------------------|---|--|--|--|--|--------------------------------------|
| | | 18/08/2023 | | | | | | |
| 29 | | 21/08/2023 to 22/08/2023 | BDL[DL=5] | 10 | 38 | 15 | 0.4 | BDL[DL=0.1] |
| 30 | | 24/08/2023 to 25/08/2023 | BDL[DL=5] | 8 | 51 | 20 | 0.9 | BDL[DL=0.1] |
| 31 | | 31/08/2023 to 01/09/2023 | BDL[DL=5] | 8 | 43 | 15 | 0.4 | BDL[DL=0.1] |
| 32 | Sep-23 | 04/09/2023 to 05/09/2023 | BDL[DL=5] | 8 | 41 | 13 | 0.6 | BDL[DL=0.1] |
| 33 | | 07/09/2023 to 08/09/2023 | BDL[DL=5] | 8 | 53 | 21 | 0.9 | BDL[DL=0.1] |
| 34 | | 11/09/2023 to 11/09/2023 | BDL[DL=5] | 23 | 48 | 18 | 1.2 | BDL[DL=0.1] |
| 35 | | 14/09/2023 to 15/09/2023 | BDL[DL=5] | 10 | 53 | 15 | 0.8 | BDL[DL=0.1] |
| 36 | | 18/09/2023 to 19/09/2023 | BDL[DL=5] | 11 | 61 | 28 | 0.4 | BDL[DL=0.1] |
| 37 | | 21/09/2023 to 22/09/2023 | BDL[DL=5] | 8 | 42 | 13 | 0.4 | BDL[DL=0.1] |
| 38 | | 25/09/2023 to 26/09/2023 | BDL[DL=5] | 8 | 40 | 12 | 0.4 | BDL[DL=0.1] |
| 39 | | 28/09/2023 to 29/09/2023 | BDL[DL=5] | 11 | 62 | 26 | 0.8 | BDL[DL=0.1] |
| 40 | Oct-23 | 02/10/2023 to 03/10/2023 | BDL[DL=5] | 8 | 53 | 16 | 0.6 | BDL[DL=0.1] |
| 41 | | 05/10/2023 to 06/10/2023 | BDL[DL=5] | 9 | 53 | 16 | 0.7 | BDL[DL=0.1] |
| 42 | | 09/10/2023 to 10/10/2023 | BDL[DL=5] | 10 | 53 | 18 | 1.0 | BDL[DL=0.1] |
| 43 | | 12/10/2023 to 13/10/2023 | BDL[DL=5] | 8 | 40 | 14 | 0.4 | BDL[DL=0.1] |
| 44 | | 16/10/2023 to 17/10/2023 | BDL[DL=5] | 8 | 56 | 20 | 0.6 | BDL[DL=0.1] |
| 45 | | 19/10/2023 to 20/10/2023 | BDL[DL=5] | 7 | 54 | 16 | 0.8 | BDL[DL=0.1] |
| 46 | | 23/10/2023 to 24/10/2023 | BDL[DL=5] | 8 | 48 | 14 | 0.7 | BDL[DL=0.1] |
| 47 | | 26/10/2023 to 27/10/2023 | BDL[DL=5] | 9 | 53 | 20 | 0.6 | BDL[DL=0.1] |
| 48 | | 30/10/2023 to 31/10/2023 | BDL[DL=5] | 25 | 79 | 24 | 1.3 | BDL[DL=0.1] |
| Average | | | 5 | 10 | 50 | 19 | 0.6 | 0.1 |
| Minimum | | | 5 | 6 | 29 | 11 | 0.2 | 0.1 |
| Maximum | | | 5 | 25 | 79 | 35 | 1.3 | 0.1 |

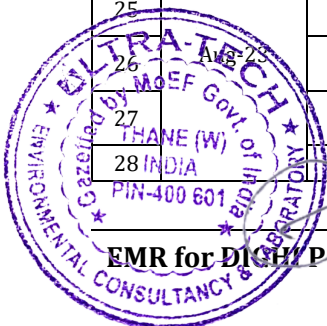
BDL: Below Detection limits

DL: Detection limit




Results of AAQM Near Security Cabin at Main Gate of North Bank Operations [Agardanda Site].- Location Code: AM3

| Sl. No. | Monitoring Month | Date of sampling | Sulphur Dioxide (SO ₂) [µg/m ³] | Oxides of Nitrogen (NO _x) [µg/m ³] | Respirable Particulate Matter (PM ₁₀) [µg/m ³] | Particulate Matter (PM _{2.5}) [µg/m ³] | Carbon Monoxide as CO [mg/m ³] | Hydrocarbon as CH ₄ [ppm] |
|---------|------------------|--------------------------|---|--|--|--|--|--------------------------------------|
| 1 | May-23 | 15/05/2023 to 16/05/2023 | BDL[DL=5] | 7 | 49 | 27 | 0.3 | BDL[DL=0.1] |
| 2 | | 18/05/2023 to 19/05/2023 | BDL[DL=5] | 16 | 66 | 20 | 1.3 | BDL[DL=0.1] |
| 3 | | 22/05/2023 to 23/05/2023 | BDL[DL=5] | 7 | 38 | 13 | 0.9 | BDL[DL=0.1] |
| 4 | | 25/05/2023 to 26/05/2023 | BDL[DL=5] | 7 | 40 | 12 | 0.5 | BDL[DL=0.1] |
| 5 | | 29/05/2023 to 30/05/2023 | BDL[DL=5] | 6 | 40 | 17 | 0.7 | BDL[DL=0.1] |
| 6 | Jun-23 | 01/06/2023 to 02/06/2023 | BDL[DL=5] | 8 | 52 | 23 | 0.5 | BDL[DL=0.1] |
| 7 | | 05/06/2023 to 06/06/2023 | BDL[DL=5] | 8 | 50 | 21 | 1.1 | BDL[DL=0.1] |
| 8 | | 08/06/2023 to 09/06/2023 | BDL[DL=5] | 7 | 46 | 20 | 0.4 | BDL[DL=0.1] |
| 9 | | 12/06/2023 to 13/06/2023 | BDL[DL=5] | 9 | 47 | 29 | 0.3 | BDL[DL=0.1] |
| 10 | | 15/06/2023 to 16/06/2023 | BDL[DL=5] | 6 | 55 | 25 | 0.6 | BDL[DL=0.1] |
| 11 | | 19/06/2023 to 20/06/2023 | BDL[DL=5] | 8 | 52 | 29 | 0.4 | BDL[DL=0.1] |
| 12 | | 22/06/2023 to 23/06/2023 | BDL[DL=5] | 9 | 60 | 28 | 0.7 | BDL[DL=0.1] |
| 13 | | 26/06/2023 to 27/06/2023 | BDL[DL=5] | 9 | 56 | 24 | 0.6 | BDL[DL=0.1] |
| 14 | | 29/06/2023 to 30/06/2023 | BDL[DL=5] | 10 | 44 | 18 | 0.8 | BDL[DL=0.1] |
| 15 | Jul-23 | 03/07/2023 to 04/07/2023 | BDL[DL=5] | 9 | 56 | 21 | 0.6 | BDL[DL=0.1] |
| 16 | | 06/07/2023 to 07/07/2023 | BDL[DL=5] | 9 | 56 | 20 | 1.1 | BDL[DL=0.1] |
| 17 | | 10/07/2023 to 11/07/2023 | BDL[DL=5] | 7 | 52 | 19 | 1.0 | BDL[DL=0.1] |
| 18 | | 13/07/2023 to 14/07/2023 | BDL[DL=5] | 7 | 54 | 21 | 0.7 | BDL[DL=0.1] |
| 19 | | 17/07/2023 to 18/07/2023 | BDL[DL=5] | 9 | 55 | 22 | 1.2 | BDL[DL=0.1] |
| 20 | | 20/07/2023 to 21/07/2023 | BDL[DL=5] | 6 | 52 | 20 | 1.3 | BDL[DL=0.1] |
| 21 | | 24/07/2023 to 25/07/2023 | BDL[DL=5] | 6 | 46 | 14 | 0.3 | BDL[DL=0.1] |
| 22 | | 27/07/2023 to 28/07/2023 | BDL[DL=5] | 7 | 48 | 18 | 0.7 | BDL[DL=0.1] |
| 23 | | 31/07/2023 to 01/08/2023 | BDL[DL=5] | 7 | 47 | 19 | 1.0 | BDL[DL=0.1] |
| 24 | Aug-23 | 03/08/2023 to 04/08/2023 | BDL[DL=5] | 6 | 51 | 16 | 1.0 | BDL[DL=0.1] |
| 25 | | 07/08/2023 to 08/08/2023 | BDL[DL=5] | 7 | 43 | 18 | 1.0 | BDL[DL=0.1] |
| 26 | | 10/08/2023 to 11/08/2023 | BDL[DL=5] | 9 | 56 | 18 | 1.0 | BDL[DL=0.1] |
| 27 | | 14/08/2023 to 15/08/2023 | BDL[DL=5] | 9 | 53 | 17 | 1.0 | BDL[DL=0.1] |
| 28 | | 17/08/2023 to 18/08/2023 | BDL[DL=5] | 9 | 48 | 18 | 1.0 | BDL[DL=0.1] |



| Sl. No. | Monitoring Month | Date of sampling | Sulphur Dioxide (SO ₂) [µg/m ³] | Oxides of Nitrogen (NO _x) [µg/m ³] | Respirable Particulate Matter (PM ₁₀) [µg/m ³] | Particulate Matter (PM _{2.5}) [µg/m ³] | Carbon Monoxide as CO [mg/m ³] | Hydrocarbon as CH ₄ [ppm] |
|----------------|------------------|--------------------------|---|--|--|--|--|--------------------------------------|
| | | 18/08/2023 | | | | | | |
| 29 | | 21/08/2023 to 22/08/2023 | BDL[DL=5] | 7 | 49 | 20 | 1.0 | BDL[DL=0.1] |
| 30 | | 24/08/2023 to 25/08/2023 | BDL[DL=5] | 7 | 46 | 18 | 0.6 | BDL[DL=0.1] |
| 31 | | 31/08/2023 to 01/09/2023 | BDL[DL=5] | 7 | 59 | 23 | 1.3 | BDL[DL=0.1] |
| 32 | Sep-23 | 04/09/2023 to 05/09/2023 | BDL[DL=5] | 7 | 56 | 21 | 1.1 | BDL[DL=0.1] |
| 33 | | 07/09/2023 to 08/09/2023 | BDL[DL=5] | 10 | 59 | 20 | 1.0 | BDL[DL=0.1] |
| 34 | | 11/09/2023 to 11/09/2023 | BDL[DL=5] | 19 | 55 | 23 | 1.0 | BDL[DL=0.1] |
| 35 | | 14/09/2023 to 15/09/2023 | BDL[DL=5] | 7 | 59 | 18 | 1.0 | BDL[DL=0.1] |
| 36 | | 18/09/2023 to 19/09/2023 | BDL[DL=5] | 9 | 56 | 25 | 1.1 | BDL[DL=0.1] |
| 37 | | 21/09/2023 to 22/09/2023 | BDL[DL=5] | 10 | 56 | 21 | 1.1 | BDL[DL=0.1] |
| 38 | | 25/09/2023 to 26/09/2023 | BDL[DL=5] | 9 | 57 | 22 | 1.1 | BDL[DL=0.1] |
| 39 | | 28/09/2023 to 29/09/2023 | BDL[DL=5] | 10 | 58 | 21 | 0.9 | BDL[DL=0.1] |
| 40 | Oct-23 | 02/10/2023 to 03/10/2023 | BDL[DL=5] | 9 | 51 | 20 | 1.0 | BDL[DL=0.1] |
| 41 | | 05/10/2023 to 06/10/2023 | BDL[DL=5] | 7 | 62 | 20 | 1.0 | BDL[DL=0.1] |
| 42 | | 09/10/2023 to 10/10/2023 | BDL[DL=5] | 9 | 58 | 23 | 0.8 | BDL[DL=0.1] |
| 43 | | 12/10/2023 to 13/10/2023 | BDL[DL=5] | 10 | 65 | 22 | 1.0 | BDL[DL=0.1] |
| 44 | | 16/10/2023 to 17/10/2023 | BDL[DL=5] | 10 | 61 | 22 | 1.0 | BDL[DL=0.1] |
| 45 | | 19/10/2023 to 20/10/2023 | BDL[DL=5] | 10 | 61 | 20 | 0.9 | BDL[DL=0.1] |
| 46 | | 23/10/2023 to 24/10/2023 | BDL[DL=5] | 9 | 56 | 18 | 0.8 | BDL[DL=0.1] |
| 47 | | 26/10/2023 to 27/10/2023 | BDL[DL=5] | 11 | 61 | 17 | 1.0 | BDL[DL=0.1] |
| 48 | | 30/10/2023 to 31/10/2023 | BDL[DL=5] | 30 | 87 | 33 | 1.4 | BDL[DL=0.1] |
| Average | | | 5 | 9 | 54 | 21 | 0.9 | 0.1 |
| Minimum | | | 5 | 6 | 38 | 12 | 0.3 | 0.1 |
| Maximum | | | 5 | 30 | 87 | 33 | 1.4 | 0.1 |

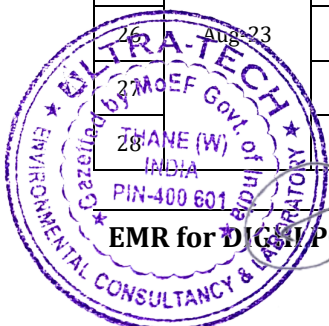
BDL: Below Detection limits

DL: Detection limit



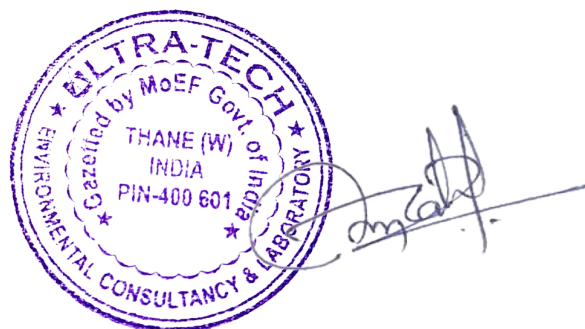

Results of AAQM Near Office Area of North Bank Operations [Agardanda Site].- Location Code: AM4

| Sl. No. | Monitoring Month | Date of sampling | Sulphur Dioxide (SO ₂) [µg/m ³] | Oxides of Nitrogen (NO _x) [µg/m ³] | Respirable Particulate Matter (PM ₁₀) [µg/m ³] | Particulate Matter (PM _{2.5}) [µg/m ³] | Carbon Monoxide as CO [mg/m ³] | Hydrocarbon as CH ₄ [ppm] |
|---------|------------------|--------------------------|---|--|--|--|--|--------------------------------------|
| 1 | May-23 | 15/05/2023 to 16/05/2023 | BDL[DL=5] | 12 | 58 | 15 | 0.2 | BDL[DL=0.1] |
| 2 | | 18/05/2023 to 19/05/2023 | BDL[DL=5] | 11 | 62 | 27 | 1.3 | BDL[DL=0.1] |
| 3 | | 22/05/2023 to 23/05/2023 | BDL[DL=5] | 8 | 82 | 28 | 0.9 | BDL[DL=0.1] |
| 4 | | 25/05/2023 to 26/05/2023 | BDL[DL=5] | 15 | 80 | 25 | 0.8 | BDL[DL=0.1] |
| 5 | | 29/05/2023 to 30/05/2023 | BDL[DL=5] | 7 | 48 | 13 | 1.0 | BDL[DL=0.1] |
| 6 | Jun-23 | 01/06/2023 to 02/06/2023 | BDL[DL=5] | 10 | 61 | 17 | 0.4 | BDL[DL=0.1] |
| 7 | | 05/06/2023 to 06/06/2023 | BDL[DL=5] | 13 | 58 | 23 | 0.6 | BDL[DL=0.1] |
| 8 | | 08/06/2023 to 09/06/2023 | BDL[DL=5] | 11 | 50 | 17 | 0.3 | BDL[DL=0.1] |
| 9 | | 12/06/2023 to 13/06/2023 | BDL[DL=5] | 11 | 60 | 19 | 0.2 | BDL[DL=0.1] |
| 10 | | 15/06/2023 to 16/06/2023 | BDL[DL=5] | 12 | 66 | 20 | 0.5 | BDL[DL=0.1] |
| 11 | | 19/06/2023 to 20/06/2023 | BDL[DL=5] | 15 | 55 | 14 | 0.5 | BDL[DL=0.1] |
| 12 | | 22/06/2023 to 23/06/2023 | BDL[DL=5] | 10 | 63 | 18 | 0.4 | BDL[DL=0.1] |
| 13 | | 26/06/2023 to 27/06/2023 | BDL[DL=5] | 12 | 64 | 20 | 0.3 | BDL[DL=0.1] |
| 14 | | 29/06/2023 to 30/06/2023 | BDL[DL=5] | 9 | 58 | 17 | 0.6 | BDL[DL=0.1] |
| 15 | Jul-23 | 03/07/2023 to 04/07/2023 | BDL[DL=5] | 11 | 64 | 20 | 0.3 | BDL[DL=0.1] |
| 16 | | 06/07/2023 to 07/07/2023 | BDL[DL=5] | 10 | 63 | 22 | 0.7 | BDL[DL=0.1] |
| 17 | | 10/07/2023 to 11/07/2023 | BDL[DL=5] | 9 | 65 | 20 | 0.8 | BDL[DL=0.1] |
| 18 | | 13/07/2023 to 14/07/2023 | BDL[DL=5] | 9 | 63 | 20 | 0.5 | BDL[DL=0.1] |
| 19 | | 17/07/2023 to 18/07/2023 | BDL[DL=5] | 11 | 65 | 21 | 0.6 | BDL[DL=0.1] |
| 20 | | 20/07/2023 to 21/07/2023 | BDL[DL=5] | 9 | 59 | 15 | 0.6 | BDL[DL=0.1] |
| 21 | | 24/07/2023 to 25/07/2023 | BDL[DL=5] | 13 | 65 | 23 | 0.5 | BDL[DL=0.1] |
| 22 | | 27/07/2023 to 28/07/2023 | BDL[DL=5] | 9 | 60 | 21 | 0.5 | BDL[DL=0.1] |
| 23 | | 31/07/2023 to 01/08/2023 | BDL[DL=5] | 9 | 60 | 21 | 0.6 | BDL[DL=0.1] |
| 24 | Aug-23 | 03/08/2023 to 04/08/2023 | BDL[DL=5] | 9 | 63 | 19 | 0.6 | BDL[DL=0.1] |
| 25 | | 07/08/2023 to 08/08/2023 | BDL[DL=5] | 9 | 62 | 20 | 0.5 | BDL[DL=0.1] |
| 26 | | 10/08/2023 to 11/08/2023 | BDL[DL=5] | 10 | 67 | 18 | 0.8 | BDL[DL=0.1] |
| 27 | | 14/08/2023 to 15/08/2023 | BDL[DL=5] | 12 | 56 | 19 | 0.5 | BDL[DL=0.1] |
| 28 | | 17/08/2023 to 18/08/2023 | BDL[DL=5] | 10 | 60 | 16 | 0.5 | BDL[DL=0.1] |



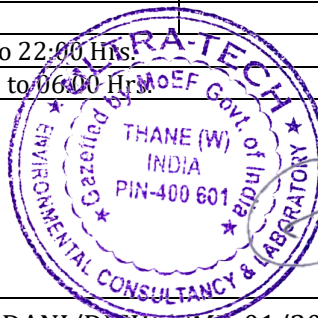
| Sl. No. | Monitoring Month | Date of sampling | Sulphur Dioxide (SO ₂) [µg/m ³] | Oxides of Nitrogen (NO _x) [µg/m ³] | Respirable Particulate Matter (PM ₁₀) [µg/m ³] | Particulate Matter (PM _{2.5}) [µg/m ³] | Carbon Monoxide as CO [mg/m ³] | Hydrocarbon as CH ₄ [ppm] |
|----------------|--------------------------|--------------------------|---|--|--|--|--|--------------------------------------|
| 29 | | 21/08/2023 to 22/08/2023 | BDL[DL=5] | 9 | 67 | 23 | 0.7 | BDL[DL=0.1] |
| 30 | | 24/08/2023 to 25/08/2023 | BDL[DL=5] | 9 | 67 | 25 | 0.8 | BDL[DL=0.1] |
| 31 | | 31/08/2023 to 01/09/2023 | BDL[DL=5] | 11 | 60 | 19 | 0.3 | BDL[DL=0.1] |
| 32 | Sep-23 | 04/09/2023 to 05/09/2023 | BDL[DL=5] | 9 | 62 | 18 | 0.7 | BDL[DL=0.1] |
| 33 | | 07/09/2023 to 08/09/2023 | BDL[DL=5] | 11 | 63 | 22 | 1.1 | BDL[DL=0.1] |
| 34 | | 11/09/2023 to 11/09/2023 | BDL[DL=5] | 22 | 58 | 24 | 1.2 | BDL[DL=0.1] |
| 35 | | 14/09/2023 to 15/09/2023 | BDL[DL=5] | 9 | 63 | 23 | 0.7 | BDL[DL=0.1] |
| 36 | | 18/09/2023 to 19/09/2023 | BDL[DL=5] | 8 | 54 | 23 | 0.3 | BDL[DL=0.1] |
| 37 | | 21/09/2023 to 22/09/2023 | BDL[DL=5] | 9 | 62 | 19 | 1.2 | BDL[DL=0.1] |
| 38 | | 25/09/2023 to 26/09/2023 | BDL[DL=5] | 10 | 62 | 18 | 1.2 | BDL[DL=0.1] |
| 39 | | 28/09/2023 to 29/09/2023 | BDL[DL=5] | 12 | 68 | 24 | 1.1 | BDL[DL=0.1] |
| 40 | | Oct-23 | 02/10/2023 to 03/10/2023 | BDL[DL=5] | 10 | 66 | 25 | 0.7 |
| 41 | 05/10/2023 to 06/10/2023 | | BDL[DL=5] | 11 | 68 | 24 | 0.8 | BDL[DL=0.1] |
| 42 | 09/10/2023 to 10/10/2023 | | BDL[DL=5] | 12 | 66 | 24 | 1.1 | BDL[DL=0.1] |
| 43 | 12/10/2023 to 13/10/2023 | | BDL[DL=5] | 12 | 67 | 24 | 1.1 | BDL[DL=0.1] |
| 44 | 16/10/2023 to 17/10/2023 | | BDL[DL=5] | 11 | 65 | 24 | 1.1 | BDL[DL=0.1] |
| 45 | 19/10/2023 to 20/10/2023 | | BDL[DL=5] | 9 | 67 | 22 | 1.0 | BDL[DL=0.1] |
| 46 | 23/10/2023 to 24/10/2023 | | BDL[DL=5] | 11 | 63 | 21 | 1.1 | BDL[DL=0.1] |
| 47 | 26/10/2023 to 27/10/2023 | | BDL[DL=5] | 12 | 68 | 25 | 1.1 | BDL[DL=0.1] |
| 48 | 30/10/2023 to 31/10/2023 | | BDL[DL=5] | 36 | 93 | 29 | 1.9 | BDL[DL=0.1] |
| Average | | | 5 | 11 | 63 | 21 | 0.7 | 0.1 |
| Minimum | | | 5 | 7 | 48 | 13 | 0.2 | 0.1 |
| Maximum | | | 5 | 36 | 93 | 29 | 1.9 | 0.1 |

BDL: Below Detection limits
DL: Detection limit

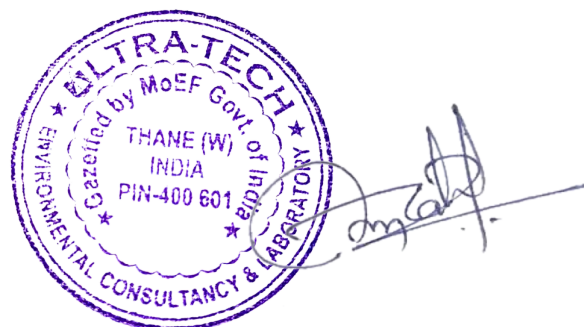


2. AMBIENT NOISE QUALITY MONITORING

| PERIOD OF SAMPLING | 15/05/2023 to 16/05/2023 | 15/05/2023 to 16/05/2023 | 15/05/2023 to 16/05/2023 | 15/05/2023 to 16/05/2023 |
|-----------------------------|--|---|---|---|
| SAMPLING LOCATION | Agardanda Site | | Dighi Site | |
| LOCATION | Near Security Cabin at Main Gate of North Bank Operations | Near Office Area of North Bank Operations | Near Office Area of South Bank Operations | Near Near Berth No.-01 of South Bank Operations |
| TIME (HRS) | Noise Level Reading in dB (A) | | | |
| 06:00 to 07:00 | 43.5 | 44.9 | 50.5 | 46.2 |
| 07:00 to 08:00 | 50.2 | 48.0 | 57.2 | 52.9 |
| 08:00 to 09:00 | 58.3 | 49.4 | 65.3 | 61.0 |
| 09:00 to 10:00 | 47.8 | 49.8 | 54.8 | 50.5 |
| 10:00 to 11:00 | 49.4 | 54.4 | 56.4 | 52.1 |
| 11:00 to 12:00 | 49.8 | 49.9 | 56.8 | 52.5 |
| 12:00 to 13:00 | 49.0 | 48.6 | 56.0 | 51.7 |
| 13:00 to 14:00 | 57.4 | 44.2 | 64.4 | 60.1 |
| 14:00 to 15:00 | 51.9 | 49.4 | 58.9 | 54.6 |
| 15:00 to 16:00 | 52.1 | 45.7 | 59.1 | 54.8 |
| 16:00 to 17:00 | 67.4 | 49.6 | 74.4 | 70.1 |
| 17:00 to 18:00 | 49.3 | 49.1 | 56.3 | 52.0 |
| 18:00 to 19:00 | 44.4 | 56.5 | 51.4 | 47.1 |
| 19:00 to 20:00 | 43.7 | 42.7 | 50.7 | 46.4 |
| 20:00 to 21:00 | 39.7 | 44.1 | 46.7 | 42.4 |
| 21:00 to 22:00 | 40.2 | 39.4 | 47.2 | 42.9 |
| 22:00 to 23:00 | 43.6 | 41.7 | 50.6 | 48.1 |
| 23:00 to 00:00 | 47.3 | 44.0 | 54.3 | 51.8 |
| 00:00 to 01:00 | 46.2 | 47.6 | 53.2 | 50.7 |
| 01:00 to 02:00 | 47.5 | 42.5 | 54.5 | 52.0 |
| 02:00 to 03:00 | 61.3 | 37.4 | 68.3 | 65.8 |
| 03:00 to 04:00 | 36.4 | 35.4 | 43.4 | 40.9 |
| 04:00 to 05:00 | 36.6 | 37.3 | 43.6 | 41.1 |
| 05:00 to 06:00 | 42.0 | 41.2 | 49.0 | 46.5 |
| L₁₀ | 55.2 | 51.8 | 62.2 | 58.6 |
| L₅₀ | 43.6 | 44.0 | 50.6 | 46.6 |
| L₉₀ | 41.1 | 41.6 | 48.1 | 44.1 |
| Day Leq | 56.8 | 49.9 | 63.8 | 59.5 |
| Night Leq | 52.9 | 42.5 | 59.9 | 57.4 |
| PERMISSIBLE LIMITS:- | AS PER THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000 | | | |
| | AMBIENT NOISE STANDARDS | | | |
| Area Code | Category of Area / zone | Limits in dB(A) Leq | | |
| | | Day Time | Night Time | |
| (A) | Industrial area | 75 | 70 | |
| (B) | Commercial area | 65 | 55 | |
| (C) | Residential area | 55 | 45 | |
| (D) | Silence Zone | 50 | 40 | |
| NOTE:- | 01. Day time shall mean from 06:00 Hrs. to 22:00 Hrs. | | | |
| | 02. Night time shall mean from 22:00 Hrs. to 06:00 Hrs. | | | |



| PERIOD OF SAMPLING | 25/08/2023 to 26/08/2023 | 25/08/2023 to 26/08/2023 | 25/08/2023 to 26/08/2023 | 25/08/2023 to 26/08/2023 |
|-----------------------------|--|---|---|---|
| SAMPLING LOCATION | Agardanda Site | | Dighi Site | |
| LOCATION | Near Security Cabin at Main Gate of North Bank Operations | Near Office Area of North Bank Operations | Near Office Area of South Bank Operations | Near Near Berth No.-01 of South Bank Operations |
| TIME (HRS) | Noise Level Reading in dB (A) | | | |
| 06:00 to 07:00 | 44.0 | 52.6 | 58.7 | 51.5 |
| 07:00 to 08:00 | 50.7 | 55.7 | 66.6 | 55.6 |
| 08:00 to 09:00 | 58.8 | 57.1 | 64.4 | 50.5 |
| 09:00 to 10:00 | 48.3 | 57.5 | 62.0 | 49.2 |
| 10:00 to 11:00 | 49.9 | 62.1 | 61.6 | 58.3 |
| 11:00 to 12:00 | 50.3 | 57.6 | 57.1 | 61.2 |
| 12:00 to 13:00 | 49.5 | 56.3 | 55.8 | 58.0 |
| 13:00 to 14:00 | 57.9 | 51.9 | 51.4 | 60.4 |
| 14:00 to 15:00 | 52.4 | 57.1 | 56.6 | 54.9 |
| 15:00 to 16:00 | 52.6 | 53.4 | 52.9 | 55.1 |
| 16:00 to 17:00 | 67.9 | 57.3 | 56.8 | 70.4 |
| 17:00 to 18:00 | 49.8 | 64.0 | 63.5 | 68.3 |
| 18:00 to 19:00 | 44.9 | 61.8 | 61.3 | 57.6 |
| 19:00 to 20:00 | 44.2 | 59.0 | 58.5 | 58.8 |
| 20:00 to 21:00 | 40.1 | 57.4 | 56.7 | 60.8 |
| 21:00 to 22:00 | 40.2 | 56.5 | 50.1 | 60.4 |
| 22:00 to 23:00 | 41.8 | 56.7 | 54.0 | 62.2 |
| 23:00 to 00:00 | 45.5 | 52.9 | 56.6 | 54.8 |
| 00:00 to 01:00 | 44.4 | 51.8 | 55.5 | 59.0 |
| 01:00 to 02:00 | 45.7 | 54.7 | 58.4 | 63.3 |
| 02:00 to 03:00 | 45.7 | 54.0 | 57.7 | 57.2 |
| 03:00 to 04:00 | 34.6 | 50.7 | 54.4 | 55.4 |
| 04:00 to 05:00 | 36.5 | 52.0 | 55.7 | 52.1 |
| 05:00 to 06:00 | 42.0 | 51.1 | 54.8 | 46.9 |
| L ₁₀ | 54.1 | 60.5 | 62.3 | 61.4 |
| L ₅₀ | 43.8 | 54.4 | 57.5 | 55.5 |
| L ₉₀ | 41.4 | 51.6 | 55.1 | 52.3 |
| Day Leq | 57.3 | 58.6 | 60.5 | 62.2 |
| Night Leq | 43.4 | 53.4 | 56.1 | 58.8 |
| PERMISSIBLE LIMITS:- | AS PER THE NOISE POLLUTION (REGULATION AND CONTROL) RULES, 2000 AMBIENT NOISE STANDARDS | | | |
| Area Code | Category of Area / zone | Limits in dB(A) Leq | | |
| | | Day Time | Night Time | |
| (A) | Industrial area | 75 | 70 | |
| (B) | Commercial area | 65 | 55 | |
| (C) | Residential area | 55 | 45 | |
| (D) | Silence Zone | 50 | 40 | |
| NOTE:- | 01. Day time shall mean from 06:00 Hrs. to 22:00 Hrs. | | | |
| | 02. Night time shall mean from 22:00 Hrs. to 06.00 Hrs. | | | |



Leq(d) = average integrated sound level recorded in day time from 6.00 AM & 10.00 PM
Leq(n) = The average integrated sound level accumulated from 10.00 PM & 6.00
Ldn = The average sound pressure over a 24 hours study period (Day/ Night sound level)
L10 = The sound pressure exceeded for 10% of the time over a 24 hours study period
L50 = The sound pressure exceeded for 50% of the time over a 24 hours study period
L90 = The sound pressure exceeded for 90% of the time over a 24 hours study period

Table:26 The Noise Pollution (Regulation and Control) Rules, 2000

(The Principal Rules were published in the Gazette of India, vide S.O. 123(E), dated 14.02.2000 and subsequently amended vide S.O. 1046(E), dated 22.11.2000, S.O. 1088(E), dated 11.10.200, S.O.1569(E), dated 19.09.2006 and S.O. 50(E) dated 11.01.2010 under the Environment (Protection) Act, 1986.)

• SCHEDULE

(Seerule3 (1) and 4 (1))

Ambient Air Quality Standards in respect of Noise

| Area Code | Category of Area/Zone | Limits in dB(A)Leq | |
|-----------|-----------------------|--------------------|------------|
| | | Day Time | Night Time |
| A | Industrial Area | 75 | 70 |
| B | Commercial Area | 65 | 55 |
| C | Residential Area | 55 | 45 |
| D | Silence Zone | 50 | 40 |

Note:

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night times shall mean from 10.00 p.m. to 6.00 a.m.
3. Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority.
4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.

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

A "decibel" is a unit in which noise is measured.

"A", in dB(A)Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.

Leq: It is energy mean of the noise level over a specified period.



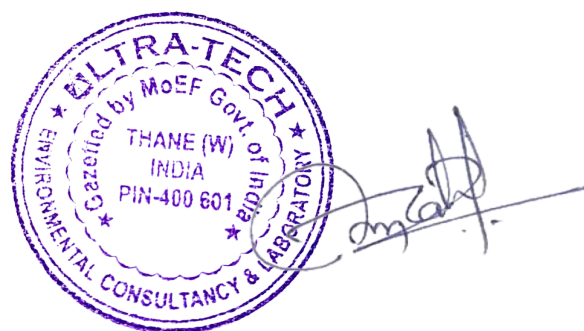

3.

DRINKING WATER QUALITY MONITORING

| Sl. No. | PARAMETER | UNIT | RESULTS | | | | | |
|-------------------|---|------------|-----------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| SAMPLING LOCATION | | | Bottled Drinking Water At Canteen | | | | | |
| DATE OF SAMPLING | | | 15/05/2023 | 28/06/2023 | 19/07/2023 | 26/08/2023 | 16/09/2023 | 21/10/2023 |
| 1. | Colour | Hazen | BDL[DL=1] | BDL[DL=1] | BDL[DL=1] | BDL[DL=1] | BDL[DL=1] | BDL[DL=1] |
| 2. | Turbidity | NTU | BDL[DL=0.1] | BDL[DL=0.1] | BDL[DL=0.1] | BDL[DL=0.1] | BDL[DL=0.1] | BDL[DL=0.1] |
| 3. | pH | - | 6.8 | 7.5 | 7.9 | 8.0 | 6.1 | 7.0 |
| 4. | Total Dissolved Solids | mg/L | 59 | 31 | 32 | 25 | 24 | 14 |
| 5. | Total Hardness as CaCO ₃ | mg/L | 53 | 28 | 26 | 21 | 22 | 6 |
| 6. | Total Alkalinity as CaCO ₃ | mg/L | 10 | 18 | 8 | 6 | 8 | 6 |
| 7. | Cyanide as CN | mg/L | BDL[DL=0.02] | BDL[DL=0.02] | BDL[DL=0.02] | BDL[DL=0.02] | BDL[DL=0.02] | BDL[DL=0.02] |
| 8. | Anionic Surfactants as MBAS | mg/L | BDL[DL=0.08] | BDL[DL=0.08] | BDL[DL=0.08] | BDL[DL=0.08] | BDL[DL=0.08] | BDL[DL=0.08] |
| 9. | Sulphate as SO ₄ ²⁻ | mg/L | BDL[DL=1] | BDL[DL=1] | BDL[DL=1] | 3 | 3 | BDL[DL=1] |
| 10. | Chlorides as Cl ⁻ | mg/L | 34 | 3 | 3 | 3 | 3 | 2 |
| 11. | Nitrates as NO ₃ -N | mg/L | 0.6 | BDL[DL=0.1] | 0.3 | 1.4 | BDL[DL=0.1] | BDL[DL=0.1] |
| 12. | Calcium as Ca | mg/L | 11 | 5 | 5 | 4 | 7 | 2 |
| 13. | Arsenic as As | mg/L | BDL [DL=0.003] | BDL [DL=0.003] | BDL [DL=0.003] | BDL [DL=0.003] | BDL [DL=0.003] | BDL [DL=0.003] |
| 14. | Magnesium as Mg | mg/L | 6 | 4 | 3 | 3 | 1 | BDL[DL=1] |
| 15. | Iron as Fe | mg/L | BDL [DL=0.06] | BDL [DL=0.06] | BDL [DL=0.06] | BDL [DL=0.06] | BDL [DL=0.06] | BDL [DL=0.06] |
| 16. | Fluoride as F ⁻ | mg/L | BDL[DL=0.2] | BDL[DL=0.2] | BDL[DL=0.2] | BDL[DL=0.2] | BDL[DL=0.2] | BDL[DL=0.2] |
| 17. | Phenols | mg/L | BDL [DL=0.001] | BDL [DL=0.001] | BDL [DL=0.001] | BDL [DL=0.001] | BDL [DL=0.001] | BDL [DL=0.001] |
| 18. | Boron as B | mg/L | BDL[DL=0.1] | BDL[DL=0.1] | BDL[DL=0.1] | BDL[DL=0.1] | BDL[DL=0.1] | BDL[DL=0.1] |
| 19. | Selenium as Se | mg/L | BDL [DL=0.003] | BDL [DL=0.003] | BDL [DL=0.003] | BDL [DL=0.003] | BDL [DL=0.003] | BDL [DL=0.003] |
| 20. | Zinc as Zn | mg/L | BDL[DL=0.02] | BDL[DL=0.02] | BDL[DL=0.02] | BDL[DL=0.02] | BDL[DL=0.02] | BDL[DL=0.02] |
| 21. | Odour | - | Agreeable | Agreeable | Agreeable | Agreeable | Agreeable | Agreeable |
| 22. | Taste | -- | Agreeable | Agreeable | Agreeable | Agreeable | Agreeable | Agreeable |
| 23. | Aluminium as Al | mg/L | BDL[DL=0.04] | BDL[DL=0.04] | BDL[DL=0.04] | BDL[DL=0.04] | BDL[DL=0.04] | BDL[DL=0.04] |
| 24. | Residual Chlorine | mg/L | BDL[DL=0.1] | BDL[DL=0.1] | BDL[DL=0.1] | BDL[DL=0.1] | BDL[DL=0.1] | BDL[DL=0.1] |
| 25. | Mercury as Hg | mg/L | BDL [DL=0.006] | BDL [DL=0.006] | BDL [DL=0.006] | BDL [DL=0.006] | BDL [DL=0.006] | BDL [DL=0.006] |
| 26. | Oil & Grease | mg/L | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] |
| 27. | Cadmium as Cd | mg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 28. | Lead as Pb | mg/L | BDL [DL=0.6] | BDL [DL=0.6] | BDL [DL=0.6] | BDL [DL=0.6] | BDL [DL=0.6] | BDL [DL=0.6] |
| 29. | Hexavalent Chromium | mg/L | BDL[DL=0.01] | BDL[DL=0.01] | BDL[DL=0.01] | BDL[DL=0.01] | BDL[DL=0.01] | BDL[DL=0.01] |
| 30. | Total Coliform | MPN/100 ml | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] |
| 31. | <i>E. Coli</i> | - | Absent | Absent | Absent | Absent | Absent | Absent |
| 32. | Alachor* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 33. | Atrazine* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 34. | Aldrin and Dieldrin* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 35. | Alpha-HCH* | µg/L | BDL [DL=0.0075] | BDL [DL=0.0075] | BDL [DL=0.0075] | BDL [DL=0.0075] | BDL [DL=0.0075] | BDL [DL=0.0075] |
| 36. | Beta-HCH* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 37. | Buachlor* | µg/L | BDL | BDL | BDL | BDL | BDL | BDL |

| Sl. No. | PARAMETER | UNIT | RESULTS | | | | | |
|-------------------|--|------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| SAMPLING LOCATION | | | Bottled Drinking Water At Canteen | | | | | |
| DATE OF SAMPLING | | | 15/05/2023 | 28/06/2023 | 19/07/2023 | 26/08/2023 | 16/09/2023 | 21/10/2023 |
| | | | [DL=0.015] | [DL=0.015] | [DL=0.015] | [DL=0.015] | [DL=0.015] | [DL=0.015] |
| 38 | Chlorpyrifos* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 39 | Delta - HCH* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 40 | 2,4-D - dichlorophenoxyacetic Acid* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 41 | DDT (o,p and p,p-isomers of DDT, DDE & DDD)* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 42 | Endosulfan (sulphate)* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 43 | Ethion* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 44 | Gamma HCH (Lindane)* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 45 | Isoproturon* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 46 | Malathion* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 47 | Methyl Parathion* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 48 | Monocrotophos* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 49 | Phorate* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |

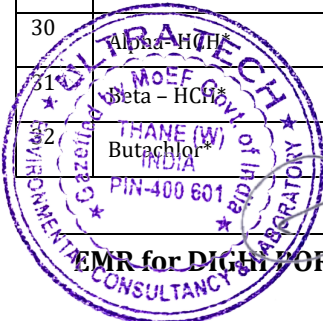
BDL: Below Detection limits
DL: Detection limit



4

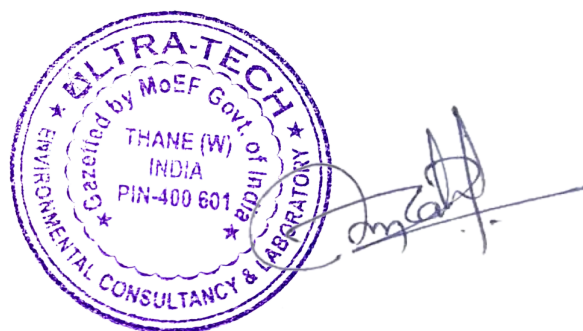
GROUND WATER QUALITY MONITORING

| Sl. No. | PARAMETER | UNIT | RESULTS | | | | | |
|-------------------|---|-------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| SAMPLING LOCATION | | | At Dighi Port | | | | | |
| DATE OF SAMPLING | | | 15/05/2023 | 28/06/2023 | 19/07/2023 | 26/08/2023 | 16/09/2023 | 21/10/2023 |
| 1. | Colour | Hazen | BDL[DL=1] | BDL[DL=1] | BDL[DL=1] | BDL[DL=1] | BDL[DL=1] | BDL[DL=1] |
| 2. | Turbidity | NTU | 1.1 | BDL[DL=0.1] | 0.5 | 1.3 | BDL[DL=0.1] | 0.9 |
| 3. | pH | - | 7.0 | 7 | 7.2 | 7.9 | 7.9 | 7.0 |
| 4. | Total Dissolved Solids | mg/L | 256 | 337 | 229 | 371 | 177 | 152 |
| 5. | Total Hardness as CaCO ₃ | mg/L | 106 | 168 | 97 | 118 | 122 | 67 |
| 6. | Total Alkalinity as CaCO ₃ | mg/L | 149 | 147 | 94 | 157 | 85 | 61 |
| 7. | Cyanide as CN ⁻ | mg/L | BDL[DL=0.02] | BDL[DL=0.02] | BDL[DL=0.02] | BDL[DL=0.02] | BDL[DL=0.02] | BDL[DL=0.02] |
| 8. | Sulphate as SO ₄ ²⁻ | mg/L | 9 | 16 | 6 | 11 | 21 | 10 |
| 9. | Chlorides as Cl ⁻ | mg/L | 63 | 68 | 33 | 83 | 13 | 42 |
| 10. | Nitrates as NO ₃ ⁻ -N | mg/L | 1.1 | BDL[DL=0.1] | 0.9 | 1.3 | BDL[DL=0.1] | 1.3 |
| 11. | Oil & Grease | mg/L | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] |
| 12. | Calcium as Ca | mg/L | 32 | 38 | 22 | 34 | 26 | 15 |
| 13. | Magnesium as Mg | mg/L | 6 | 18 | 10 | 8 | 14 | 7 |
| 14. | Boron as B | mg/L | BDL[DL=0.1] | BDL[DL=0.1] | BDL[DL=0.1] | BDL[DL=0.1] | BDL[DL=0.1] | 0.3 |
| 15. | Lead as Pb | mg/L | BDL [DL=0.6] | BDL [DL=0.6] | BDL [DL=0.6] | BDL [DL=0.6] | BDL [DL=0.6] | BDL [DL=0.6] |
| 16. | Iron as Fe | mg/L | BDL[DL=0.06] | BDL[DL=0.06] | BDL[DL=0.06] | BDL[DL=0.06] | BDL[DL=0.06] | BDL[DL=0.06] |
| 17. | Mercury as Hg | mg/L | BDL [DL=0.0006] | BDL [DL=0.0006] | BDL [DL=0.0006] | BDL [DL=0.0006] | BDL [DL=0.0006] | BDL [DL=0.0006] |
| 18. | Selenium as Se | mg/L | BDL[DL=0.03] | BDL[DL=0.03] | BDL[DL=0.03] | BDL[DL=0.03] | BDL[DL=0.03] | BDL[DL=0.03] |
| 19. | Zinc as Zn | mg/L | BDL[DL=0.02] | BDL[DL=0.02] | BDL[DL=0.02] | BDL[DL=0.02] | BDL[DL=0.02] | BDL[DL=0.02] |
| 20. | Cadmium as Cd | mg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 21. | Fluoride as F ⁻ | mg/L | BDL[DL=0.2] | BDL[DL=0.2] | BDL[DL=0.2] | BDL[DL=0.2] | BDL[DL=0.2] | BDL[DL=0.2] |
| 22. | Anionic Surfactant as MBAS | mg/L | BDL[DL=0.08] | BDL[DL=0.08] | BDL[DL=0.08] | BDL[DL=0.08] | BDL[DL=0.08] | BDL[DL=0.08] |
| 23. | Phenolic Compound as C ₆ H ₅ OH | mg/L | BDL [DL=0.001] | BDL [DL=0.001] | BDL [DL=0.001] | BDL [DL=0.001] | BDL [DL=0.001] | BDL [DL=0.001] |
| 24. | Odor | -- | Agreeable | Agreeable | Agreeable | Agreeable | Agreeable | Agreeable |
| 25. | Taste | -- | Agreeable | Agreeable | Agreeable | Agreeable | Agreeable | Agreeable |
| 26. | Hexavalent Chromium | mg/L | BDL[DL=0.01] | BDL[DL=0.01] | BDL[DL=0.01] | BDL[DL=0.01] | BDL[DL=0.01] | BDL[DL=0.01] |
| 27. | Alachor* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 28. | Atrazine* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 29. | Aldrin and Dieldrin* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 30. | Alpha-HCH* | µg/L | BDL [DL=0.0075] | BDL [DL=0.0075] | BDL [DL=0.0075] | BDL [DL=0.0075] | BDL [DL=0.0075] | BDL [DL=0.0075] |
| 31. | Beta - HCH* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 32. | Butachlor* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |



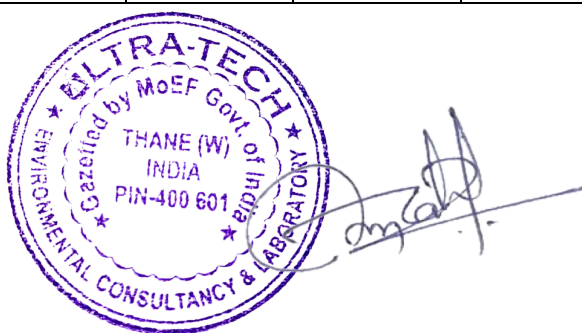
| Sl. No. | PARAMETER | UNIT | RESULTS | | | | | |
|-------------------|--|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| SAMPLING LOCATION | | | At Dighi Port | | | | | |
| DATE OF SAMPLING | | | 15/05/2023 | 28/06/2023 | 19/07/2023 | 26/08/2023 | 16/09/2023 | 21/10/2023 |
| 33 | Chlorpyrifos* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 34 | Delta - HCH* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 35 | 2,4-D - dichlorophenoxyacetic Acid* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 36 | DDT (o,p and p,p-isomers of DDT, DDE & DDD)* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 37 | Endosulfan (and sulphate)* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 38 | Ethion* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 39 | Gamma HCH (Lindane)* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 40 | Isoproturon* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 41 | Malathion* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 42 | Methyl Parathion* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 43 | Monocrotophos* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 44 | Phorate* | µg/L | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] | BDL [DL=0.015] |
| 45 | Total Coliform | MPN/100 ml | 9 | 9 | 7 | 9 | 7 | BDL[DL=2] |
| 46 | E. Coli | Absent | Absent | Absent | Absent | Absent | Absent | Absent |

BDL: Below Detection limits
DL: Detection limit

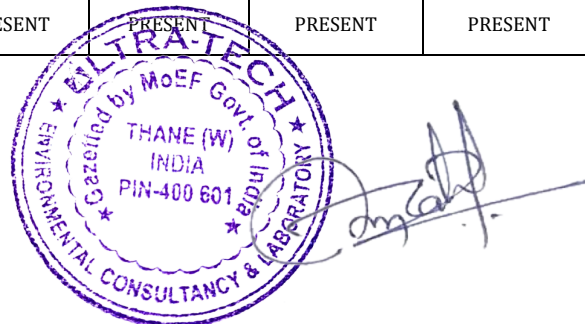


5. MARINE WATER QUALITY MONITORING [HARBOR& CREEK]

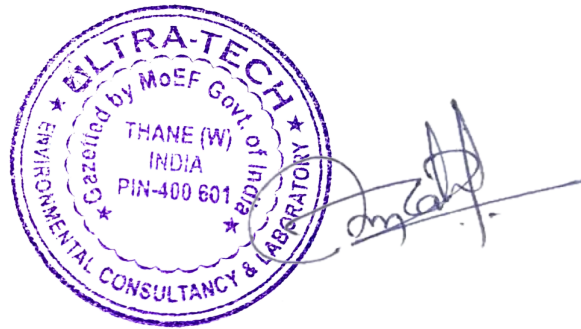
| Sl. No. | PARAMETER | UNIT | RESULTS | | | | | |
|-------------------|--|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | | 15/05/2023 | | 28/06/2023 | | 19/07/2023 | |
| SAMPLING LOCATION | | | AGARDANDA JETTY | | | | | |
| DATE OF SAMPLING | | | 15/05/2023 | | 28/06/2023 | | 19/07/2023 | |
| TIDE | | | LOW | HIGH | LOW | HIGH | LOW | HIGH |
| 1. | Turbidity | NTU | 26 | 28 | 8.9 | 6.9 | 21 | 26.3 |
| 2. | pH | --- | 7.8 | 8.0 | 7.6 | 7.5 | 7.6 | 7.5 |
| 3. | Total Dissolved Solids | mg/L | 31600 | 34940 | 31200 | 34940 | 16690 | 17010 |
| 4. | Total Suspended Solids | mg/L | 32 | 36 | 7 | 12 | 19 | 25 |
| 5. | Dissolved Oxygen | mg/L | 5.5 | 5.6 | 5.6 | 5.4 | 5.6 | 5.6 |
| 6. | Biochemical Oxygen demand (At 27°C for 3 Days) | mg/L | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] |
| 7. | Salinity | PPTH | 38.0 | 36.5 | 32.2 | 32.7 | 30.2 | 31.4 |
| 8. | Ammonia as NH ₃ -N | µmol/L | 1.4 | BDL[DL=1] | 2.2 | 3.4 | 1.6 | 2.6 |
| 9. | Nitrite as NO ₂ -N | µmol/L | 0.1 | 0.2 | 0.7 | 0.6 | 0.2 | 0.3 |
| 10. | Nitrate as NO ₃ -N | µmol/L | 2.5 | 3.0 | 6.5 | 3.9 | 2.6 | 2.9 |
| 11. | Phosphate as PO ₄ ³⁻ -P | µmol/L | 1.2 | BDL[DL=1] | 0.6 | BDL[DL=1] | 1.5 | 1.0 |
| 12. | Total Nitrogen | µmol/L | 4.9 | 3.4 | 10.0 | 8.9 | 4.8 | 6.5 |
| 13. | Petroleum Hydrocarbons | µg/L | BDL[DL=0.10] | BDL[DL=0.10] | BDL[DL=0.10] | BDL[DL=0.10] | BDL[DL=0.10] | BDL[DL=0.10] |
| 14. | Total Bacterial Count | CFU/ml | 198 X 10 ⁴ | 134 X 10 ⁴ | 222 X 10 ⁴ | 146 X 10 ⁴ | 182 X 10 ⁴ | 128 X 10 ⁴ |
| 15. | Total Coliform Bacteria | MPN/100 ml | 120 | 94 | 150 | 79 | 110 | 94 |
| 16. | <i>Escherichia coli</i> | - | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT |
| 17. | <i>Enterococcus species</i> | MPN/100 ml | 140 | 110 | 110 | 70 | 94 | 140 |
| 18. | <i>Salmonella species</i> | - | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT |
| 19. | <i>Shigella species</i> | - | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT |
| 20. | <i>Vibrio species</i> | - | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT |



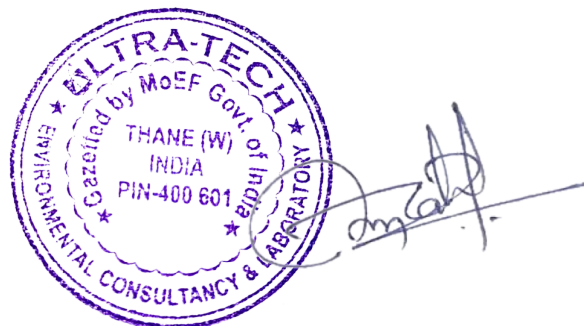
| Sl. No. | PARAMETER | UNIT | RESULTS | | | | | |
|-------------------|--|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| | | | AGARDANDA JETTY | | | | | |
| SAMPLING LOCATION | | | AGARDANDA JETTY | | | | | |
| DATE OF SAMPLING | | | 25/08/2023 | | 17/09/2023 | 16/09/2023 | 21/10/2023 | |
| TIDE | | | LOW | HIGH | LOW | HIGH | LOW | HIGH |
| 1. | Turbidity | NTU | 18.6 | 23.0 | 20.1 | 38.7 | 39.5 | 35.1 |
| 2. | pH | --- | 8.0 | 7.9 | 7.9 | 7.9 | 7.6 | 7.7 |
| 3. | Total Dissolved Solids | mg/L | 27600 | 26500 | 28050 | 28200 | 33780 | 32910 |
| 4. | Total Suspended Solids | mg/L | 16 | 24 | 22 | 41 | 57 | 40 |
| 5. | Dissolved Oxygen | mg/L | 5.4 | 5.5 | 5.1 | 5.3 | 5.5 | 5.3 |
| 6. | Biochemical Oxygen demand (At 27°C for 3 Days) | mg/L | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] |
| 7. | Salinity | PPTH | 32.7 | 31.8 | 33.3 | 35.9 | 34.6 | 34.5 |
| 8. | Ammonia as NH ₃ -N | μmol/L | 1.9 | 1.1 | 2.2 | 1.3 | 1.8 | 1.6 |
| 9. | Nitrite as NO ₂ -N | μmol/L | 0.9 | 1.2 | 1.5 | 0.8 | 1.0 | 1.0 |
| 10. | Nitrate as NO ₃ -N | μmol/L | 2.6 | 3.2 | 3.4 | 5.8 | 6.6 | 4.8 |
| 11. | Phosphate as PO ₄ ³⁻ -P | μmol/L | 2.9 | 1.0 | 3.3 | 2.6 | 2.3 | 3.1 |
| 12. | Total Nitrogen | μmol/L | 4.9 | 5.3 | 6.6 | 7.6 | 7.0 | 5.3 |
| 13. | Petroleum Hydrocarbons | μg/L | BDL[DL=0.10] | BDL[DL=0.10] | BDL[DL=0.10] | BDL[DL=0.10] | 2.47 | 2.04 |
| 14. | Total Bacterial Count | CFU/ml | 202 X 10 ⁵ | 180 X 10 ⁵ | 180 X 10 ⁴ | 400 X 10 ⁴ | 216 X 10 ⁴ | 550 X 10 ⁴ |
| 15. | Total Coliform Bacteria | MPN/100 ml | 280 | 140 | 150 | 170 | 170 | 140 |
| 16. | <i>Escherichia coli</i> | - | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT |
| 17. | <i>Enterococcus species</i> | MPN/100 ml | 170 | 120 | 120 | 140 | 150 | 180 |
| 18. | <i>Salmonella species</i> | - | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT |
| 19. | <i>Shigella species</i> | - | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT |
| 20. | <i>Vibrio species</i> | - | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT |



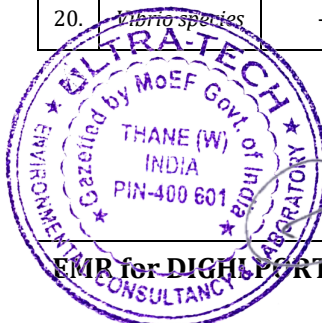
| Sl. No. | PARAMETER | UNIT | RESULTS | | | | | |
|-------------------|--|--------------------|-----------------|------------|------------|------------|------------|------------|
| | | | AGARDANDA JETTY | | | | | |
| SAMPLING LOCATION | | | 15/05/2023 | 28/06/2023 | 19/07/2023 | 25/08/2023 | 16/09/2023 | 21/10/2023 |
| DATE OF SAMPLING | | | 15/05/2023 | 28/06/2023 | 19/07/2023 | 25/08/2023 | 16/09/2023 | 21/10/2023 |
| 1 | <i>Chlorophyll-a</i> | mg/m ³ | 4.0 | 4.1 | 4.3 | 4.1 | 4.3 | 4.2 |
| 2 | <i>Phaeophytin</i> | mg/m ³ | 0.6 | 0.4 | 0.2 | 0.1 | 0.2 | 0.1 |
| 3 | <i>Total Abundance of Phytoplankton</i> | No./L | 670000 | 720000 | 790000 | 820000 | 880000 | 920000 |
| 4 | <i>Total No. of Genus in Phytoplankton</i> | - | 15 | 14 | 14 | 14 | 15 | 15 |
| 5 | <i>Zooplankton</i> | No./m ³ | 86 | 98 | 105 | 120 | 150 | 180 |
| 6 | <i>Total No. of Genus in Zooplankton</i> | - | 11 | 10 | 10 | 10 | 12 | 12 |
| 7 | <i>Total Abundance of Zooplankton</i> | No./L | 8600 | 9800 | 10500 | 12000 | 15000 | 18000 |
| 8 | <i>Benthos Macro</i> | No/m ² | 320 | 375 | 405 | 395 | 385 | 391 |
| 9 | <i>Benthos Macro</i> | No/m ² | 105 | 112 | 119 | 122 | 125 | 132 |
| 10 | <i>Total No. of Genus in Benthos</i> | - | 6 | 5 | 5 | 5 | 6 | 6 |



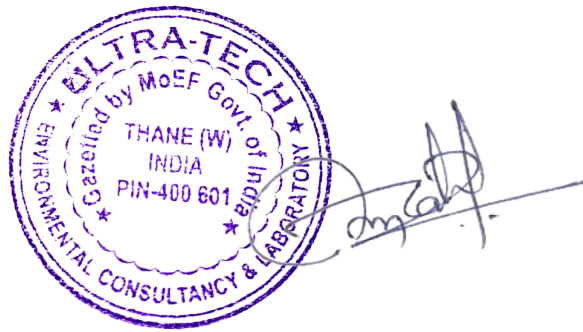
| Sl. No. | PARAMETER | UNIT | RESULTS | | | | | |
|-------------------|--|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| SAMPLING LOCATION | | | Berth No.1 Dighi | | | | | |
| DATE OF SAMPLING | | | 15/05/2023 | 17/05/2023 | 28/06/2023 | | 19/07/2023 | |
| TIDE | | | LOW | HIGH | LOW | HIGH | LOW | HIGH |
| 1. | Turbidity | NTU | 30 | 32 | 8.2 | 8.9 | 26.2 | 32 |
| 2. | pH | --- | 7.9 | 8.0 | 7.5 | 7.6 | 7.3 | 6.9 |
| 3. | Total Dissolved Solids | mg/L | 31600 | 34560 | 30500 | 30990 | 16440 | 18060 |
| 4. | Total Suspended Solids | mg/L | 40 | 46 | 14 | 9 | 28 | 35 |
| 5. | Dissolved Oxygen | mg/L | 5.8 | 5.7 | 5.9 | | 5.7 | 5.7 |
| 6. | Biochemical Oxygen demand (At 27°C for 3 Days) | mg/L | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] |
| 7. | Salinity | PPTH | 38.0 | 35.9 | 35.9 | 36.5 | 30.1 | 30.7 |
| 8. | Ammonia as NH ₃ -N | µmol/L | 4.6 | 2.1 | 5.0 | 2.1 | 4.4 | 2.3 |
| 9. | Nitrite as NO ₂ ⁻ -N | µmol/L | 0.9 | 0.3 | 1.2 | 0.3 | 0.7 | 0.3 |
| 10. | Nitrate as NO ₃ ⁻ -N | µmol/L | 4.6 | 6.3 | 5.5 | 6.3 | 4.6 | 6.1 |
| 11. | Phosphate as PO ₄ ³⁻ -P | µmol/L | 2.4 | 0.5 | 2.4 | 0.5 | 2.6 | 0.6 |
| 12. | Total Nitrogen | µmol/L | 10.5 | 9.4 | 13.1 | 9.3 | 10.9 | 9.3 |
| 13. | Petroleum Hydrocarbons | µg/L | BDL[DL=0.10] | BDL[DL=0.10] | BDL[DL=0.10] | BDL[DL=0.10] | BDL[DL=0.10] | BDL[DL=0.10] |
| 14. | Total Bacterial Count | CFU/ml | 222 X 10 ² | 240 X 10 ² | 186 X 10 ² | 180 X 10 ² | 204 X 10 ² | 228 X 10 ² |
| 15. | Total Coliform Bacteria | MPN/100 ml | 63 | 33 | 84 | 31 | 63 | 84 |
| 16. | <i>Escherichia coli</i> | - | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT |
| 17. | <i>Enterococcus species</i> | MPN/100 ml | 79 | 70 | 110 | 46 | 110 | 140 |
| 18. | <i>Salmonella species</i> | - | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT |
| 19. | <i>Shigella species</i> | - | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT |
| 20. | <i>Vibrio species</i> | - | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT |



| Sl. No | PARAMETER | UNIT | RESULTS | | | | | |
|-------------------|--|------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| SAMPLING LOCATION | | | Berth No.1 Dighi | | | | | |
| DATE OF SAMPLING | | | 25/08/2023 | | 16/09/2023 | 17/09/2023 | 21/10/2023 | |
| TIDE | | | LOW | HIGH | LOW | HIGH | LOW | HIGH |
| 1. | Turbidity | NTU | 23.6 | 32.5 | 25.6 | 28.6 | 37.5 | 28.6 |
| 2. | pH | --- | 7.9 | 7.9 | 7.7 | 7.7 | 7.8 | 7.7 |
| 3. | Total Dissolved Solids | mg/L | 30750 | 28440 | 28530 | 28590 | 34520 | 28590 |
| 4. | Total Suspended Solids | mg/L | 24 | 37 | 26 | 26 | 54 | 26 |
| 5. | Dissolved Oxygen | mg/L | 5.6 | 5.5 | 5.4 | 5.1 | 5.6 | 5.1 |
| 6. | Biochemical Oxygen demand (At 27°C for 3 Days) | mg/L | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] |
| 7. | Salinity | PPTH | 35.2 | 31.8 | 34.6 | 35.2 | 36.5 | 35.2 |
| 8. | Ammonia as NH ₃ -N | µmol/L | 5.7 | 3.7 | 6.0 | 4.4 | 1.1 | 4.4 |
| 9. | Nitrite as NO ₂ -N | µmol/L | 1.6 | 0.7 | 1.9 | 0.8 | 1.1 | 0.8 |
| 10. | Nitrate as NO ₃ -N | µmol/L | 6.3 | 7.3 | 7.1 | 8.1 | 6.3 | 8.1 |
| 11. | Phosphate as PO ₄ ³⁻ -P | µmol/L | 4.0 | 0.6 | 4.6 | 0.8 | 3.0 | 0.8 |
| 12. | Total Nitrogen | µmol/L | 12.3 | 10.9 | 11.8 | 8.6 | 2.38 | 8.6 |
| 13. | Petroleum Hydrocarbons | µg/L | BDL[DL=0.10] | BDL[DL=0.10] | BDL[DL=0.10] | BDL[DL=0.10] | 2.31 | BDL[DL=0.10] |
| 14. | Total Bacterial Count | CFU/ml | 240 X 10 ³ | 118 X 10 ⁴ | 120 X 10 ⁴ | 110 X 10 ⁴ | 160 X 10 ⁴ | 210 X 10 ⁴ |
| 15. | Total Coliform Bacteria | MPN/100 ml | 150 | 170 | 110 | 150 | 120 | 180 |
| 16. | <i>Escherichia coli</i> | - | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT |
| 17. | <i>Enterococcus species</i> | MPN/100 ml | 210 | 220 | 170 | 170 | 180 | 220 |
| 18. | <i>Salmonella species</i> | - | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT |
| 19. | <i>Shigella species</i> | - | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT |
| 20. | <i>Vibrio species</i> | - | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT | PRESENT |



| Sl. No. | PARAMETER | UNIT | RESULTS | | | | | |
|-------------------|--|--------------------|-----------------------|------------|------------|------------|------------|------------|
| | | | At Berth No.-01 Dighi | | | | | |
| SAMPLING LOCATION | | | 15/05/2023 | 28/06/2023 | 19/07/2023 | 25/08/2023 | 16/09/2023 | 21/10/2023 |
| DATE OF SAMPLING | | | 15/05/2023 | 28/06/2023 | 19/07/2023 | 25/08/2023 | 16/09/2023 | 21/10/2023 |
| 1 | <i>Chlorophyll-a</i> | mg/m ³ | 3.9 | 4.3 | 4.5 | 4.3 | 4.4 | 4.2 |
| 2 | <i>Phaeophytin</i> | mg/m ³ | 0.1 | 0.2 | 0.3 | 0.2 | 0.2 | 0.2 |
| 3 | <i>Total Abundance of Phytoplankton</i> | No./L | 490000 | 690000 | 720000 | 750000 | 810000 | 850000 |
| 4 | <i>Total No. of Genus in Phytoplankton</i> | - | 11 | 11 | 11 | 11 | 12 | 12 |
| 5 | <i>Zooplankton</i> | No./m ³ | 64 | 78 | 96 | 105 | 111 | 125 |
| 6 | <i>Total No. of Genus in Zooplankton</i> | - | 10 | 10 | 10 | 10 | 11 | 11 |
| 7 | <i>Total Abundance of Zooplankton</i> | No./L | 6400 | 8300 | 9600 | 10500 | 11100 | 12500 |
| 8 | <i>Benthos Macro</i> | No/m ² | 280 | 345 | 361 | 368 | 370 | 385 |
| 9 | <i>Benthos Macro</i> | No/m ² | 96 | 110 | 123 | 135 | 141 | 152 |
| 10 | <i>Total No. of Genus in Benthos</i> | - | 5 | 5 | 5 | 5 | 5 | 5 |

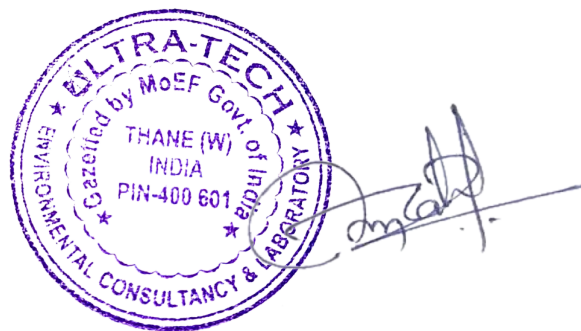


6. MARINE SEDIMENT QUALITY MONITORING [HARBOR& CREEK]

| Sl. No. | PARAMETER | UNIT | RESULTS | | | | | |
|-------------------|-----------------------------|-------|-----------------|------------|------------|------------|------------|------------|
| SAMPLING LOCATION | | | AGARDANDA JETTY | | | | | |
| DATE OF SAMPLING | | | 15/05/2023 | 28/06/2023 | 19/07/2023 | 25/08/2023 | 16/09/2023 | 21/10/2023 |
| 1. | Texture | -- | Clay Loam | Clay Loam | Clay Loam | Clay Loam | Clay Loam | Clay Loam |
| 2. | Total Organic Matter | % | 1.69 | 1.72 | 1.77 | 1.75 | 1.79 | 1.82 |
| 3. | Total Phosphorous as P | mg/kg | 1603 | 1609 | 1623 | 1618 | 1627 | 1653 |
| 4. | Chromium as Cr | mg/kg | 170 | 159 | 147 | 161 | 151 | 165 |
| 5. | Copper as Cu | mg/kg | 72 | 70 | 65 | 69 | 68 | 67 |
| 6. | Iron as Fe | mg/kg | 75287 | 70218 | 68450 | 71025 | 65842 | 63820 |
| 7. | Lead as Pb | mg/kg | 5 | BDL[DL=5] | BDL[DL=5] | BDL[DL=5] | BDL[DL=5] | BDL[DL=50] |
| 8. | Mercury as Hg | mg/kg | 2 | BDL[DL=2] | BDL[DL=2] | BDL[DL=2] | BDL[DL=3] | 2 |
| 9. | Nickel as Ni | mg/kg | 49 | 46 | 43 | 46 | 50 | 46 |
| 10. | Zinc as Zn | mg/kg | 69 | 63 | 62 | 65 | 65 | 64 |
| 11. | Manganese as Mn | mg/kg | 1230 | 1054 | 915 | 95 | 856 | 864 |
| 12. | Sand | % | 27.7 | 27.8 | 27.6 | 27.9 | 28.0 | 28.1 |
| 13. | Silt | % | 42.5 | 43.1 | 42.9 | 42.7 | 42.5 | 42.3 |
| 14. | Clay | % | 30.1 | 29.3 | 29.6 | 29.6 | 29.7 | 29.6 |
| 15. | Total Petroleum Hydrocarbon | mg/kg | BDL[DL=0.1] | 1.2 | 1.1 | 1.3 | 1.1 | 1.1 |
| 16. | Aluminum as Al | mg/kg | 33155 | 31385 | 30265 | 33235 | 29631 | 28588 |



| Sl. No. | PARAMETER | UNIT | RESULTS | | | | | |
|-------------------|-----------------------------|-------|----------------------|------------|------------|------------|------------|------------|
| SAMPLING LOCATION | | | At Berth No-01 Dighi | | | | | |
| DATE OF SAMPLING | | | 15/05/2023 | 28/06/2023 | 19/07/2023 | 25/08/2023 | 16/09/2023 | 21/10/2023 |
| 1. | Texture | -- | Clay Loam | Clay Loam | Clay Loam | Clay Loam | Clay Loam | Clay Loam |
| 2. | Total Organic Matter | % | 3.23 | 3.26 | 3.31 | 3.30 | 3.23 | 3.29 |
| 3. | Total Phosphorous as P | mg/kg | 1668 | 1688 | 1702 | 1695 | 1703 | 1737 |
| 4. | Chromium as Cr | mg/kg | 190 | 175 | 165 | 169 | 164 | 165 |
| 5. | Copper as Cu | mg/kg | 72 | 69 | 65 | 69 | 63 | 65 |
| 6. | Iron as Fe | mg/kg | 78953 | 72545 | 70563 | 70895 | 68975 | 69641 |
| 7. | Lead as Pb | mg/kg | BDL[DL=5] | BDL[DL=5] | BDL[DL=5] | BDL[DL=5] | BDL[DL=5] | BDL[DL=50] |
| 8. | Mercury as Hg | mg/kg | 2 | 2 | BDL[DL=2] | BDL[DL=2] | BDL[DL=3] | BDL[DL=3] |
| 9. | Nickel as Ni | mg/kg | 53 | 48 | 46 | 49 | 42 | 43 |
| 10. | Zinc as Zn | mg/kg | 69 | 65 | 64 | 64 | 63 | 63 |
| 11. | Manganese as Mn | mg/kg | 952 | 1154 | 1025 | 1150 | 1124 | 1135 |
| 12. | Sand | % | 28.2 | 28.4 | 28.5 | 28.3 | 28.5 | 28.5 |
| 13. | Silt | % | 39.4 | 39.9 | 40.2 | 40.1 | 40.4 | 40.2 |
| 14. | Clay | % | 31.6 | 31.8 | 31.3 | 31.7 | 31.1 | 31.3 |
| 15. | Total Petroleum Hydrocarbon | mg/kg | BDL[DL=0.1] | 1.21 | 1.1 | 1.2 | 1.1 | 1.1 |
| 16. | Aluminum as Al | mg/kg | 25445 | 31021 | 29345 | 32061 | 28349 | 29669 |

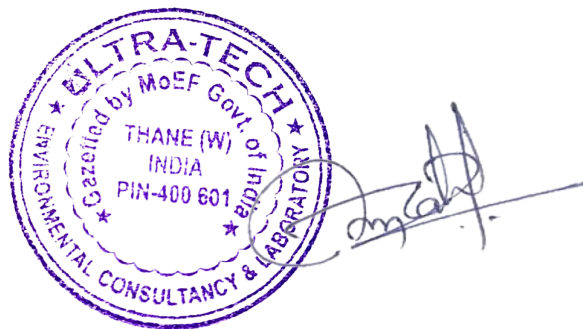


7.

D. G. SET STACK EMISSION MONITORING

| Sl. No. | Parameters | D G SET (180 KVA) at Office Area | | Diesel Pump Area D G Set (125 KVA) | | Liquid Tank Area D G Set (500 KVA) | |
|---------|--|----------------------------------|--------|------------------------------------|--------|------------------------------------|--------|
| | | May-23 | Aug-23 | May-23 | Aug-23 | May-23 | Aug-23 |
| 1 | Particulate Matter (TPM) [gm/kW-Hr] | 0.004 | 0.004 | 0.061 | 0.01 | 0.001 | 0.003 |
| 2 | Sulphur Dioxide (SO ₂) [mg/Nm ³] | <5 | <5 | <5 | <5 | <5 | <5 |
| 3 | Oxides of Nitrogen (NO ₂) [gm/kW-Hr] | 0.016 | 0.023 | 0.049 | 0.04 | 0.004 | 0.008 |
| 4 | Carbon Monoxide (CO) [gm/kW-Hr] | 2.039 | 1.575 | 1.76 | 0.808 | 0.143 | 0.473 |
| 5 | Hydrocarbons as Methane [gm/kW-Hr] | <0.137 | 2.057 | 4.502 | <0.080 | <0.020 | 0.541 |

| Sl. No. | Parameters | Liquid Tank Area D G Set (125 KVA) | | D G Set (25 KVA) at Coal Yard | | D G Set (125 KVA) at DPL house | |
|---------|--|------------------------------------|--------|-------------------------------|--------|--------------------------------|--------|
| | | May-23 | Aug-23 | May-23 | Aug-23 | May-23 | Aug-23 |
| 1 | Particulate Matter (TPM) [gm/kW-Hr] | 0.022 | 0.005 | 0.027 | 0.011 | 0.008 | 0.012 |
| 2 | Sulphur Dioxide (SO ₂) [mg/Nm ³] | <5 | <5 | 8 | 6 | <5 | <5 |
| 3 | Oxides of Nitrogen (NO ₂) [gm/kW-Hr] | 0.019 | 0.017 | 0.157 | 0.092 | <0.009 | 0.022 |
| 4 | Carbon Monoxide (CO) [gm/kW-Hr] | 0.096 | 0.483 | <0.057 | 3.02 | 1.151 | 0.627 |
| 5 | Hydrocarbons as Methane [gm/kW-Hr] | 2.592 | 0.401 | 55.475 | 2.51 | <0.063 | 0.979 |



WEATHER STATION DATA - April 2023

| Sr. No. | Date | Temperature in 0 C | | | Relative Humidity in % | | | Wind Speed in m/s | | | Wind Direction in degree | Rain in mm | | |
|---------|------------|--------------------|------|---------|------------------------|------|---------|-------------------|-----|---------|--------------------------|------------|-------------|------------|
| | | Max | Min | Average | Max | Min | Average | Max | Min | Average | Average | Max | Daily Total | Cumulative |
| 1 | 01.04.2023 | 34.6 | 24.5 | 28.9 | 76.7 | 42.1 | 64.2 | 4.7 | 0.1 | 2.4 | 29.9 | 0.0 | 0.0 | 0.0 |
| 2 | 02.04.2023 | 32.0 | 22.8 | 27.7 | 80.8 | 58.9 | 68.7 | 5.5 | 0.5 | 2.6 | 250.0 | 0.0 | 0.0 | 0.0 |
| 3 | 03.04.2023 | 32.8 | 22.8 | 27.6 | 80.6 | 59.2 | 70.6 | 5.1 | 0.5 | 2.6 | 252.4 | 0.0 | 0.0 | 0.0 |
| 4 | 04.04.2023 | 32.4 | 23.9 | 28.2 | 80.7 | 63.0 | 73.4 | 5.7 | 0.2 | 2.7 | 249.6 | 0.0 | 0.0 | 0.0 |
| 5 | 05.04.2023 | 32.6 | 24.3 | 28.3 | 83.6 | 62.7 | 75.2 | 5.5 | 0.1 | 2.4 | 268.6 | 0.0 | 0.0 | 0.0 |
| 6 | 06.04.2023 | 33.9 | 24.8 | 28.7 | 84.7 | 58.4 | 74.8 | 5.9 | 0.6 | 2.9 | 277.3 | 0.0 | 0.0 | 0.0 |
| 7 | 07.04.2023 | 37.1 | 26.2 | 30.4 | 75.8 | 54.0 | 68.9 | 6.0 | 0.3 | 2.5 | 284.1 | 0.0 | 0.0 | 0.0 |
| 8 | 08.04.2023 | 40.5 | 27.1 | 31.8 | 80.9 | 46.0 | 65.1 | 3.8 | 0.7 | 1.9 | 240.7 | 0.0 | 0.0 | 0.0 |
| 9 | 09.04.2023 | 38.6 | 26.9 | 31.2 | 75.7 | 48.2 | 67.2 | 4.5 | 0.5 | 2.0 | 243.3 | 0.0 | 0.0 | 0.0 |
| 10 | 10.04.2023 | 38.8 | 27.6 | 31.4 | 76.9 | 51.9 | 69.0 | 5.0 | 0.3 | 2.2 | 262.6 | 0.0 | 0.0 | 0.0 |
| 11 | 11.04.2023 | 35.9 | 26.3 | 30.5 | 82.1 | 61.7 | 72.4 | 4.7 | 0.1 | 2.2 | 271.4 | 0.0 | 0.0 | 0.0 |
| 12 | 12.04.2023 | 35.8 | 27.0 | 30.8 | 80.5 | 59.5 | 71.3 | 5.6 | 0.1 | 2.8 | 270.1 | 0.0 | 0.0 | 0.0 |
| 13 | 13.04.2023 | 34.1 | 28.1 | 30.9 | 77.2 | 59.1 | 70.8 | 5.2 | 1.0 | 2.9 | 265.2 | 0.0 | 0.0 | 0.0 |
| 14 | 14.04.2023 | 35.2 | 27.2 | 30.3 | 82.0 | 60.8 | 74.0 | 5.4 | 0.4 | 2.8 | 289.0 | 0.0 | 0.0 | 0.0 |
| 15 | 15.04.2023 | 38.0 | 27.2 | 30.8 | 77.9 | 44.4 | 68.6 | 5.0 | 0.2 | 2.2 | 280.8 | 0.0 | 0.0 | 0.0 |
| 16 | 16.04.2023 | 33.8 | 26.0 | 29.7 | 80.3 | 63.2 | 71.9 | 5.6 | 0.1 | 2.5 | 285.3 | 0.0 | 0.0 | 0.0 |
| 17 | 17.04.2023 | 35.3 | 26.5 | 29.6 | 81.6 | 55.3 | 72.2 | 5.5 | 0.2 | 2.7 | 283.4 | 0.0 | 0.0 | 0.0 |
| 18 | 18.04.2023 | 36.0 | 27.4 | 30.9 | 81.7 | 49.1 | 70.9 | 6.0 | 0.7 | 3.2 | 286.7 | 0.0 | 0.0 | 0.0 |
| 19 | 19.04.2023 | 37.1 | 27.0 | 31.3 | 83.8 | 53.7 | 70.9 | 5.6 | 0.4 | 2.5 | 262.3 | 0.0 | 0.0 | 0.0 |
| 20 | 20.04.2023 | 37.5 | 26.6 | 30.8 | 81.9 | 57.9 | 71.4 | 4.2 | 0.1 | 1.8 | 269.2 | 0.0 | 0.0 | 0.0 |
| 21 | 21.04.2023 | 34.1 | 24.5 | 29.2 | 81.0 | 60.5 | 71.7 | 4.3 | 0.2 | 2.4 | 273.9 | 0.0 | 0.0 | 0.0 |
| 22 | 22.04.2023 | 34.8 | 24.4 | 29.2 | 84.2 | 60.4 | 73.0 | 4.3 | 0.3 | 2.2 | 242.0 | 0.0 | 0.0 | 0.0 |
| 23 | 23.04.2023 | 33.3 | 24.7 | 29.0 | 83.5 | 61.3 | 73.7 | 5.7 | 0.2 | 2.5 | 249.7 | 0.0 | 0.0 | 0.0 |
| 24 | 24.04.2023 | 33.4 | 25.0 | 29.2 | 82.4 | 63.9 | 75.2 | 4.6 | 0.0 | 2.2 | 241.9 | 0.0 | 0.0 | 0.0 |
| 25 | 25.04.2023 | 36.1 | 26.8 | 30.6 | 84.8 | 61.5 | 73.7 | 3.5 | 0.1 | 1.4 | 232.3 | 0.0 | 0.0 | 0.0 |
| 26 | 26.04.2023 | 37.8 | 26.7 | 30.5 | 83.1 | 54.8 | 70.9 | 4.7 | 0.3 | 2.0 | 233.3 | 0.0 | 0.0 | 0.0 |
| 27 | 27.04.2023 | 35.9 | 26.2 | 30.0 | 79.7 | 59.4 | 71.1 | 4.7 | 0.2 | 2.3 | 257.3 | 0.0 | 0.0 | 0.0 |
| 28 | 28.04.2023 | 35.0 | 26.1 | 30.0 | 79.8 | 64.3 | 72.2 | 3.8 | 0.1 | 1.8 | 237.2 | 0.0 | 0.0 | 0.0 |
| 29 | 29.04.2023 | 35.6 | 25.4 | 30.1 | 80.0 | 55.8 | 69.7 | 3.6 | 0.2 | 1.9 | 261.0 | 0.0 | 0.0 | 0.0 |
| | | 40.5 | 28.1 | 31.8 | 84.8 | 64.3 | 75.2 | 6.0 | 1.0 | 3.2 | 289.0 | 0.0 | | 0.0 |

WEATHER STATION DATA - May 2023

| Sr. No. | Date | Temperature in 0 C | | | Relative Humidity in % | | | Wind Speed in m/s | | | Wind Direction in degree | Rain in mm | | |
|---------|------------|--------------------|-------|---------|------------------------|------|---------|-------------------|------|---------|--------------------------|------------|-------------|------------|
| | | Max | Min | Average | Max | Min | Average | Max | Min | Average | Average | Max | Daily Total | Cumulative |
| 1 | 01.05.2023 | 36.1 | 26.5 | 30.7 | 84.9 | 55.7 | 70.3 | 3.9 | 0.3 | 2.1 | 247.1 | 0.0 | 0.0 | 0.0 |
| 2 | 02.05.2023 | 34.9 | 25.7 | 30.0 | 80.5 | 58.8 | 70.0 | 4.8 | 0.0 | 2.0 | 245.3 | 2.3 | 2.3 | 2.3 |
| 3 | 03.05.2023 | 34.96 | 26.22 | 30.34 | 80.5 | 58.8 | 70.0 | 4.79 | 0.04 | 2.03 | 245.29 | 0.0 | 0.0 | 2.3 |
| 4 | 04.05.2023 | 35.1 | 25.6 | 30.0 | 82.6 | 60.1 | 71.3 | 4.7 | 0.1 | 2.0 | 224.3 | 0.0 | 0.0 | 2.3 |
| 5 | 05.05.2023 | 34.5 | 25.5 | 29.9 | 82.9 | 62.5 | 72.3 | 4.6 | 0.3 | 2.0 | 247.7 | 0.0 | 0.0 | 2.3 |
| 6 | 06.05.2023 | 34.4 | 25.8 | 30.1 | 82.2 | 61.8 | 72.3 | 4.8 | 0.4 | 2.5 | 251.8 | 0.0 | 0.0 | 2.3 |
| 7 | 07.05.2023 | 33.8 | 28.4 | 30.6 | 79.3 | 63.2 | 72.0 | 5.2 | 0.5 | 2.6 | 279.6 | 0.0 | 0.0 | 2.3 |
| 8 | 08.05.2023 | 33.9 | 28.9 | 30.6 | 79.2 | 63.9 | 73.9 | 5.1 | 0.4 | 2.7 | 280.6 | 0.0 | 0.0 | 2.3 |
| 9 | 09.05.2023 | 33.5 | 28.9 | 30.5 | 81.9 | 66.2 | 75.4 | 4.3 | 1.0 | 2.4 | 308.4 | 0.0 | 0.0 | 2.3 |
| 10 | 10.05.2023 | 36.4 | 28.5 | 31.6 | 85.3 | 59.3 | 75.3 | 4.0 | 0.4 | 1.8 | 276.7 | 0.0 | 0.0 | 2.3 |
| 11 | 11.05.2023 | 39.0 | 27.8 | 31.9 | 85.1 | 56.5 | 75.0 | 3.2 | 0.3 | 1.6 | 237.5 | 0.0 | 0.0 | 2.3 |
| 12 | 12.05.2023 | 38.9 | 27.7 | 32.0 | 86.0 | 58.2 | 75.1 | 3.7 | 0.3 | 1.7 | 227.1 | 0.0 | 0.0 | 2.3 |
| 13 | 13.05.2023 | 37.1 | 27.7 | 31.9 | 83.9 | 58.2 | 73.4 | 3.3 | 0.5 | 1.6 | 249.0 | 0.0 | 0.0 | 2.3 |
| 14 | 14.05.2023 | 37.1 | 27.4 | 31.8 | 84.6 | 56.7 | 72.3 | 3.0 | 0.3 | 1.7 | 265.3 | 0.0 | 0.0 | 2.3 |
| 15 | 15.05.2023 | 36.8 | 28.3 | 32.0 | 83.0 | 58.0 | 72.0 | 3.3 | 0.8 | 1.9 | 272.6 | 0.0 | 0.0 | 2.3 |
| 16 | 16.05.2023 | 37.0 | 28.5 | 32.2 | 82.1 | 53.7 | 70.8 | 3.9 | 0.1 | 2.0 | 259.1 | 0.0 | 0.0 | 2.3 |
| 17 | 17.05.2023 | 35.3 | 27.5 | 31.4 | 81.8 | 60.8 | 72.1 | 5.1 | 0.1 | 2.6 | 252.8 | 0.0 | 0.0 | 2.3 |
| 18 | 18.05.2023 | 34.9 | 28.2 | 31.3 | 80.2 | 61.8 | 72.6 | 5.9 | 0.4 | 2.9 | 229.9 | 0.0 | 0.0 | 2.3 |
| 19 | 19.05.2023 | 34.0 | 28.1 | 30.8 | 83.1 | 66.7 | 75.7 | 6.0 | 1.1 | 3.8 | 244.1 | 0.0 | 0.0 | 2.3 |
| 20 | 20.05.2023 | 34.7 | 27.8 | 31.0 | 83.2 | 62.5 | 73.9 | 4.9 | 0.2 | 2.6 | 265.4 | 0.0 | 0.0 | 2.3 |
| 21 | 21.05.2023 | 34.4 | 27.6 | 31.0 | 83.7 | 62.2 | 72.9 | 5.5 | 0.4 | 2.8 | 250.4 | 0.0 | 0.0 | 2.3 |
| 22 | 22.05.2023 | 36.3 | 27.9 | 31.2 | 82.2 | 58.0 | 73.4 | 4.7 | 0.3 | 2.7 | 244.6 | 0.0 | 0.0 | 2.3 |
| 23 | 23.05.2023 | 34.1 | 27.4 | 30.7 | 85.1 | 63.4 | 75.1 | 5.8 | 0.4 | 3.0 | 259.3 | 0.0 | 0.0 | 2.3 |
| 24 | 24.05.2023 | 34.9 | 27.7 | 31.2 | 83.4 | 59.5 | 73.0 | 4.7 | 0.2 | 2.3 | 249.8 | 0.0 | 0.0 | 2.3 |
| 25 | 25.05.2023 | 36.2 | 28.7 | 31.9 | 78.9 | 55.3 | 69.3 | 3.3 | 0.4 | 1.9 | 301.9 | 0.0 | 0.0 | 2.3 |
| 26 | 26.05.2023 | 36.8 | 29.0 | 32.1 | 78.7 | 60.6 | 70.2 | 3.6 | 0.7 | 1.9 | 275.0 | 0.0 | 0.0 | 2.3 |
| 27 | 27.05.2023 | 36.5 | 27.2 | 31.6 | 83.0 | 57.9 | 70.4 | 4.0 | 0.6 | 2.0 | 260.9 | 0.0 | 0.0 | 2.3 |
| 28 | 28.05.2023 | 35.5 | 29.1 | 31.9 | 77.1 | 61.8 | 70.4 | 4.1 | 0.2 | 2.5 | 280.0 | 0.0 | 0.0 | 2.3 |
| 29 | 29.05.2023 | 36.3 | 28.6 | 31.8 | 81.0 | 58.4 | 73.2 | 6.2 | 0.2 | 2.7 | 229.6 | 0.0 | 0.0 | 2.3 |
| 30 | 30.05.2023 | 36.8 | 28.0 | 31.7 | 84.2 | 60.3 | 74.1 | 5.9 | 0.4 | 2.5 | 276.0 | 0.0 | 0.0 | 2.3 |
| 31 | 31.05.2023 | 36.0 | 27.7 | 31.4 | 83.5 | 63.3 | 76.0 | 6.2 | 0.0 | 2.6 | 270.0 | 0.0 | 0.0 | 2.3 |
| | | 39.0 | 29.1 | 32.2 | 86.0 | 66.7 | 76.0 | 6.2 | 1.1 | 3.8 | 308.4 | 2.3 | 2.3 | 2.3 |

| WEATHER STATION DATA - JUN 2023 | | | | | | | | | | | | | | |
|---------------------------------|-------------|--------------------|------|---------|------------------------|------|---------|-------------------|-----|---------|--------------------------|------------|-------------|------------|
| Sr. No. | Date | Temperature in 0 C | | | Relative Humidity in % | | | Wind Speed in m/s | | | Wind Direction in degree | Rain in mm | | |
| | | Max | Min | Average | Max | Min | Average | Max | Min | Average | Average | Max | Daily Total | Cumulative |
| June-23 | | | | | | | | | | | | | | |
| 1 | 1-Jun-2023 | 35.1 | 27.3 | 31.1 | 83.5 | 63.9 | 75.9 | 4.7 | 0.0 | 2.4 | 271.1 | 0.0 | 0.0 | 0.0 |
| 2 | 2-Jun-2023 | 35.1 | 27.8 | 31.5 | 82.7 | 62.5 | 73.0 | 4.6 | 0.1 | 2.3 | 286.5 | 0.0 | 0.0 | 0.0 |
| 3 | 3-Jun-2023 | 36.7 | 28.2 | 32.1 | 84.2 | 59.0 | 73.5 | 4.6 | 0.4 | 2.2 | 261.7 | 0.0 | 0.0 | 0.0 |
| 4 | 4-Jun-2023 | 35.9 | 28.7 | 32.0 | 84.5 | 60.5 | 74.2 | 4.3 | 0.3 | 2.0 | 264.0 | 0.3 | 0.5 | 0.5 |
| 5 | 5-Jun-2023 | 36.4 | 27.9 | 31.8 | 86.7 | 60.5 | 73.4 | 3.4 | 0.2 | 1.8 | 246.1 | 0.0 | 0.0 | 0.5 |
| 6 | 6-Jun-2023 | 36.2 | 28.2 | 31.9 | 84.7 | 60.1 | 72.2 | 3.6 | 0.3 | 2.0 | 253.5 | 0.0 | 0.0 | 0.5 |
| 7 | 7-Jun-2023 | 37.5 | 28.4 | 32.5 | 81.7 | 57.5 | 70.2 | 4.0 | 0.6 | 1.8 | 261.9 | 0.0 | 0.0 | 0.5 |
| 8 | 8-Jun-2023 | 39.5 | 28.7 | 33.0 | 82.4 | 56.1 | 70.8 | 3.7 | 0.2 | 1.9 | 207.1 | 0.0 | 0.0 | 0.5 |
| 9 | 9-Jun-2023 | 38.3 | 28.8 | 32.9 | 82.2 | 57.7 | 72.1 | 3.8 | 1.3 | 2.8 | 171.4 | 0.0 | 0.0 | 0.5 |
| 10 | 10-Jun-2023 | 36.8 | 27.2 | 32.1 | 83.6 | 52.1 | 71.0 | 5.1 | 2.0 | 3.9 | 163.3 | 1.8 | 2.3 | 2.8 |
| 11 | 11-Jun-2023 | 36.4 | 26.8 | 31.0 | 84.8 | 56.9 | 73.6 | 6.2 | 1.8 | 4.1 | 166.3 | 4.1 | 6.4 | 9.1 |
| 12 | 12-Jun-2023 | 34.5 | 27.1 | 30.3 | 85.2 | 66.4 | 77.9 | 6.9 | 2.7 | 4.8 | 163.9 | 3.6 | 7.4 | 16.5 |
| 13 | 13-Jun-2023 | 34.3 | 26.4 | 29.3 | 91.3 | 70.1 | 83.5 | 3.8 | 0.6 | 2.6 | 178.5 | 18.5 | 54.1 | 70.6 |
| 14 | 14-Jun-2023 | 36.4 | 29.4 | 31.8 | 83.2 | 64.3 | 76.2 | 3.1 | 1.5 | 2.1 | 221.4 | 0.8 | 1.8 | 72.4 |
| 15 | 15-Jun-2023 | 36.2 | 29.6 | 32.1 | 80.4 | 61.5 | 72.5 | 3.9 | 1.7 | 2.4 | 205.9 | 0.0 | 0.0 | 72.4 |
| 16 | 16-Jun-2023 | 36.2 | 29.1 | 31.0 | 83.7 | 62.4 | 76.8 | 3.5 | 1.5 | 2.2 | 218.5 | 6.6 | 10.4 | 82.8 |
| 17 | 17-Jun-2023 | 35.8 | 29.4 | 31.6 | 83.1 | 66.8 | 76.9 | 3.1 | 1.5 | 2.2 | 276.6 | 0.0 | 0.0 | 82.8 |
| 18 | 18-Jun-2023 | 34.5 | 28.5 | 31.1 | 87.0 | 66.5 | 77.7 | 3.7 | 1.0 | 2.4 | 302.7 | 0.3 | 0.3 | 83.0 |
| 19 | 19-Jun-2023 | 35.7 | 28.9 | 31.4 | 83.0 | 63.8 | 75.3 | 2.9 | 1.1 | 2.1 | 305.9 | 0.0 | 0.0 | 83.0 |
| 20 | 20-Jun-2023 | 37.0 | 29.1 | 32.0 | 81.6 | 60.8 | 73.7 | 2.8 | 1.1 | 1.9 | 301.2 | 0.0 | 0.0 | 83.0 |
| 21 | 21-Jun-2023 | 36.3 | 28.8 | 31.8 | 81.8 | 61.2 | 73.5 | 3.2 | 1.0 | 1.9 | 306.1 | 0.0 | 0.0 | 83.0 |
| 22 | 22-Jun-2023 | 35.7 | 28.1 | 31.6 | 83.6 | 62.8 | 74.1 | 2.9 | 0.5 | 1.6 | 281.8 | 0.0 | 0.0 | 83.0 |
| 23 | 23-Jun-2023 | 37.2 | 28.6 | 32.1 | 82.8 | 59.0 | 72.4 | 2.6 | 0.3 | 1.2 | 256.3 | 0.0 | 0.0 | 83.0 |
| 24 | 24-Jun-2023 | 35.1 | 25.6 | 27.7 | 93.0 | 68.3 | 86.8 | 3.4 | 0.4 | 1.5 | 206.0 | 0.5 | 0.8 | 83.8 |
| 25 | 25-Jun-2023 | 32.2 | 25.2 | 26.9 | 94.7 | 77.1 | 89.6 | 4.1 | 0.2 | 1.9 | 220.8 | 0.3 | 1.0 | 84.8 |
| 26 | 26-Jun-2023 | 31.5 | 25.8 | 29.6 | 93.8 | 76.1 | 82.1 | 4.1 | 1.6 | 2.8 | 286.4 | 0.0 | 0.0 | 84.8 |
| 27 | 27-Jun-2023 | 33.2 | 27.3 | 29.1 | 88.5 | 72.0 | 83.1 | 3.7 | 0.4 | 2.1 | 283.8 | 0.5 | 0.5 | 85.3 |
| 28 | 28-Jun-2023 | 28.1 | 25.5 | 26.5 | 95.0 | 86.2 | 91.6 | 3.5 | 0.2 | 1.3 | 233.0 | 10.4 | 54.1 | 139.4 |
| 29 | 29-Jun-2023 | 30.5 | 25.0 | 26.2 | 95.6 | 79.6 | 91.6 | 5.8 | 0.6 | 2.0 | 262.9 | 21.8 | 126.2 | 265.6 |
| 30 | 30-Jun-2023 | 30.5 | 25.0 | 26.2 | 95.6 | 79.6 | 91.6 | 5.8 | 0.6 | 2.0 | 262.9 | 21.8 | 126.2 | 391.8 |
| | | 39.5 | 29.6 | 33.0 | 95.6 | 86.2 | 91.6 | 6.9 | 2.7 | 4.8 | 306.1 | 21.8 | 126.2 | 391.8 |

| WEATHER STATION DATA - JULY 2023 | | | | | | | | | | | | | | |
|----------------------------------|-------------|--------------------|------|---------|------------------------|------|---------|-------------------|-----|---------|--------------------------|------------|-------------|------------|
| Sr. No. | Date | Temperature in 0 C | | | Relative Humidity in % | | | Wind Speed in m/s | | | Wind Direction in degree | Rain in mm | | |
| | | Max | Min | Average | Max | Min | Average | Max | Min | Average | Average | Max | Daily Total | Cumulative |
| Jun-23 | | | | | | | | | | | | | | |
| | | 39.5 | 29.6 | 33.0 | 95.6 | 86.2 | 91.6 | 6.9 | 2.7 | 4.8 | 306.1 | 21.8 | 126.2 | 391.8 |
| July-23 | | | | | | | | | | | | | | |
| 1 | 1-Jul-2023 | 30.5 | 24.4 | 27.2 | 96.5 | 81.1 | 89.7 | 3.2 | 0.5 | 2.0 | 257.9 | 10.7 | 37.1 | 428.9 |
| 2 | 2-Jul-2023 | 29.7 | 26.2 | 28.0 | 92.5 | 84.4 | 88.8 | 2.8 | 1.0 | 2.0 | 291.5 | 3.8 | 21.6 | 450.5 |
| 3 | 3-Jul-2023 | 31.5 | 26.7 | 28.5 | 92.4 | 79.8 | 87.8 | 3.8 | 0.5 | 1.7 | 274.1 | 5.8 | 13.2 | 463.6 |
| 4 | 4-Jul-2023 | 32.6 | 25.7 | 27.1 | 96.3 | 75.7 | 91.2 | 3.2 | 0.4 | 1.6 | 215.3 | 26.9 | 139.2 | 602.8 |
| 5 | 5-Jul-2023 | 30.8 | 25.6 | 27.0 | 94.5 | 77.1 | 90.1 | 3.8 | 0.5 | 2.2 | 170.5 | 7.9 | 17.3 | 620.1 |
| 6 | 6-Jul-2023 | 30.9 | 24.9 | 26.9 | 94.9 | 76.0 | 89.2 | 6.2 | 1.2 | 3.1 | 242.9 | 15.2 | 29.0 | 649.1 |
| 7 | 7-Jul-2023 | 30.1 | 25.2 | 26.6 | 95.5 | 84.1 | 92.4 | 2.6 | 0.9 | 1.8 | 250.3 | 24.1 | 141.2 | 790.3 |
| 8 | 8-Jul-2023 | 34.3 | 27.3 | 29.5 | 90.9 | 69.9 | 83.1 | 2.9 | 0.9 | 2.1 | 279.1 | 2.3 | 6.1 | 796.4 |
| 9 | 9-Jul-2023 | 34.3 | 27.3 | 29.8 | 88.9 | 70.4 | 81.9 | 2.4 | 1.2 | 1.7 | 274.1 | 1.0 | 4.6 | 801.0 |
| 10 | 10-Jul-2023 | 33.2 | 26.9 | 29.4 | 90.6 | 72.5 | 82.7 | 2.6 | 1.1 | 1.7 | 286.7 | 4.8 | 6.6 | 807.6 |
| 11 | 11-Jul-2023 | 32.7 | 27.4 | 29.5 | 88.6 | 73.3 | 81.9 | 2.4 | 1.4 | 1.9 | 300.3 | 0.0 | 0.0 | 807.6 |
| 12 | 12-Jul-2023 | 32.3 | 27.4 | 29.3 | 89.7 | 75.4 | 83.9 | 2.0 | 1.1 | 1.6 | 300.7 | 0.8 | 1.5 | 809.1 |
| 13 | 13-Jul-2023 | 33.0 | 27.5 | 29.3 | 88.7 | 74.1 | 83.3 | 2.8 | 1.3 | 1.8 | 298.9 | 0.5 | 0.5 | 809.6 |
| 14 | 14-Jul-2023 | 27.6 | 24.8 | 26.0 | 94.6 | 87.0 | 91.4 | 3.0 | 0.8 | 1.6 | 225.3 | 11.9 | 69.6 | 879.2 |
| 15 | 15-Jul-2023 | 33.9 | 25.6 | 29.2 | 94.9 | 71.2 | 84.5 | 2.6 | 0.9 | 2.0 | 273.4 | 2.0 | 5.3 | 884.5 |
| 16 | 16-Jul-2023 | 33.0 | 25.8 | 29.2 | 93.6 | 72.7 | 83.4 | 2.7 | 1.5 | 2.0 | 297.4 | 8.9 | 16.8 | 901.3 |
| 17 | 17-Jul-2023 | 28.6 | 25.7 | 26.9 | 96.5 | 84.6 | 90.1 | 3.3 | 1.2 | 2.2 | 299.0 | 16.8 | 71.6 | 972.9 |
| 18 | 18-Jul-2023 | 28.9 | 25.4 | 27.2 | 96.8 | 84.2 | 91.4 | 2.9 | 1.7 | 2.4 | 295.9 | 14.0 | 56.6 | 1029.5 |
| 19 | 19-Jul-2023 | 27.5 | 24.9 | 26.1 | 96.9 | 90.5 | 94.6 | 3.3 | 2.0 | 2.7 | 294.4 | 26.4 | 163.1 | 1192.6 |
| 20 | 20-Jul-2023 | 32.4 | 26.5 | 28.7 | 95.6 | 75.7 | 86.1 | 3.6 | 1.1 | 2.7 | 299.1 | 1.8 | 9.4 | 1202.0 |
| 21 | 21-Jul-2023 | 27.8 | 25.6 | 26.7 | 96.3 | 89.2 | 93.7 | 3.7 | 1.2 | 2.2 | 297.1 | 13.0 | 97.3 | 1299.3 |
| 22 | 22-Jul-2023 | 31.4 | 25.2 | 27.8 | 95.2 | 79.2 | 89.3 | 2.9 | 1.5 | 2.2 | 298.5 | 15.0 | 27.7 | 1327.0 |
| 23 | 23-Jul-2023 | 30.4 | 24.7 | 26.3 | 97.0 | 82.0 | 94.0 | 3.2 | 0.7 | 1.9 | 290.6 | 17.3 | 137.9 | 1464.9 |
| 24 | 24-Jul-2023 | 33.1 | 26.0 | 28.1 | 94.6 | 73.6 | 87.8 | 2.9 | 0.5 | 2.1 | 282.4 | 8.9 | 33.0 | 1497.9 |
| 25 | 25-Jul-2023 | 28.5 | 25.2 | 26.2 | 96.7 | 87.6 | 94.1 | 2.3 | 1.0 | 1.8 | 285.7 | 14.5 | 124.5 | 1622.3 |
| 26 | 26-Jul-2023 | 26.7 | 24.6 | 25.4 | 97.1 | 94.4 | 96.0 | 2.6 | 0.3 | 1.7 | 301.5 | 29.0 | 235.2 | 1857.6 |
| 27 | 27-Jul-2023 | 26.8 | 24.6 | 25.7 | 97.7 | 91.7 | 95.2 | 2.9 | 1.6 | 2.1 | 299.4 | 30.2 | 158.0 | 2015.5 |
| 28 | 28-Jul-2023 | 27.6 | 25.0 | 26.1 | 95.8 | 91.7 | 94.2 | 2.9 | 0.9 | 1.8 | 296.0 | 10.2 | 60.2 | 2075.7 |
| 29 | 29-Jul-2023 | 32.6 | 25.5 | 28.3 | 93.7 | 75.7 | 86.5 | 2.4 | 1.3 | 1.9 | 294.2 | 4.6 | 7.9 | 2083.6 |
| 30 | 30-Jul-2023 | 33.4 | 25.6 | 28.3 | 94.6 | 71.9 | 86.1 | 2.5 | 1.4 | 1.8 | 294.6 | 7.9 | 18.8 | 2102.4 |
| 31 | 31-Jul-2023 | 28.2 | 25.7 | 27.1 | 93.3 | 85.8 | 89.6 | 2.4 | 1.1 | 1.8 | 298.0 | 2.3 | 9.9 | 2112.3 |
| | | 34.3 | 27.5 | 29.8 | 97.7 | 94.4 | 96.0 | 6.2 | 2.0 | 3.1 | 301.5 | 30.2 | 235.2 | 2112.3 |

| WEATHER STATION DATA - AUG 2023 | | | | | | | | | | | | | | |
|---------------------------------|-------------|--------------------|------|---------|------------------------|------|---------|-------------------|-----|---------|--------------------------|------------|-------------|------------|
| Sr. No. | Date | Temperature in 0 C | | | Relative Humidity in % | | | Wind Speed in m/s | | | Wind Direction in degree | Rain in mm | | |
| | | Max | Min | Average | Max | Min | Average | Max | Min | Average | Average | Max | Daily Total | Cumulative |
| Jul-23 | | | | | | | | | | | | | | |
| | | 34.3 | 27.5 | 29.8 | 97.7 | 94.4 | 96.0 | 6.2 | 2.0 | 3.1 | 301.5 | 30.2 | 235.2 | 2112.3 |
| August-23 | | | | | | | | | | | | | | |
| 1 | 1-Aug-2023 | 32.1 | 25.5 | 28.0 | 94.0 | 75.9 | 86.8 | 2.4 | 1.4 | 1.9 | 296.9 | 7.1 | 18.3 | 2130.6 |
| 2 | 2-Aug-2023 | 32.5 | 26.2 | 28.4 | 92.9 | 74.1 | 85.9 | 2.7 | 1.4 | 2.2 | 295.3 | 14.0 | 21.6 | 2152.2 |
| 3 | 3-Aug-2023 | 32.6 | 26.7 | 28.5 | 91.8 | 75.1 | 84.6 | 2.4 | 1.4 | 2.0 | 291.7 | 4.3 | 9.4 | 2161.6 |
| 4 | 4-Aug-2023 | 32.2 | 25.7 | 28.7 | 91.4 | 77.3 | 85.5 | 2.5 | 1.2 | 1.7 | 281.8 | 5.3 | 8.1 | 2169.7 |
| 5 | 5-Aug-2023 | 32.8 | 26.0 | 28.2 | 92.6 | 74.1 | 86.4 | 2.2 | 1.1 | 1.7 | 291.0 | 2.5 | 10.4 | 2180.1 |
| 6 | 6-Aug-2023 | 32.9 | 26.0 | 29.0 | 91.1 | 72.5 | 83.6 | 2.4 | 0.3 | 1.7 | 292.5 | 2.8 | 3.3 | 2183.4 |
| 7 | 7-Aug-2023 | 33.0 | 27.3 | 29.4 | 88.1 | 73.4 | 82.5 | 2.2 | 0.9 | 1.6 | 291.6 | 0.0 | 0.0 | 2183.4 |
| 8 | 8-Aug-2023 | 33.6 | 27.7 | 29.0 | 87.4 | 71.4 | 82.8 | 2.2 | 1.0 | 1.6 | 292.2 | 0.8 | 0.8 | 2184.1 |
| 9 | 9-Aug-2023 | 34.1 | 26.0 | 29.1 | 92.1 | 71.2 | 83.7 | 2.2 | 0.9 | 1.4 | 298.2 | 2.5 | 4.6 | 2188.7 |
| 10 | 10-Aug-2023 | 34.1 | 27.1 | 29.3 | 89.6 | 68.7 | 82.4 | 2.2 | 1.0 | 1.4 | 297.3 | 0.8 | 1.0 | 2189.7 |
| 11 | 11-Aug-2023 | 33.7 | 26.1 | 29.4 | 91.1 | 67.3 | 80.5 | 1.9 | 1.1 | 1.5 | 298.1 | 0.8 | 1.5 | 2191.2 |
| 12 | 12-Aug-2023 | 32.6 | 25.9 | 28.9 | 89.3 | 71.3 | 81.6 | 2.1 | 1.2 | 1.6 | 296.9 | 3.8 | 4.6 | 2195.8 |
| 13 | 13-Aug-2023 | 32.6 | 25.3 | 28.0 | 91.3 | 71.6 | 84.0 | 2.3 | 0.7 | 1.6 | 291.3 | 2.3 | 6.9 | 2202.6 |
| 14 | 14-Aug-2023 | 34.1 | 27.2 | 29.3 | 86.6 | 68.4 | 80.3 | 2.0 | 1.2 | 1.6 | 289.8 | 4.6 | 4.8 | 2207.5 |
| 15 | 15-Aug-2023 | 32.1 | 26.3 | 28.6 | 88.9 | 73.9 | 82.7 | 2.0 | 0.9 | 1.3 | 283.3 | 0.8 | 2.5 | 2210.0 |
| 16 | 16-Aug-2023 | 34.0 | 26.4 | 29.4 | 91.4 | 68.7 | 80.9 | 2.1 | 0.8 | 1.4 | 293.4 | 1.0 | 1.5 | 2211.5 |
| 17 | 17-Aug-2023 | 33.4 | 26.5 | 29.4 | 88.3 | 66.8 | 79.1 | 2.1 | 1.0 | 1.6 | 296.0 | 0.5 | 0.8 | 2212.3 |
| 18 | 18-Aug-2023 | 33.1 | 26.7 | 28.7 | 89.0 | 69.7 | 80.9 | 2.8 | 1.0 | 1.8 | 302.7 | 0.5 | 1.0 | 2213.3 |
| 19 | 19-Aug-2023 | 33.1 | 27.2 | 29.2 | 88.2 | 69.8 | 81.6 | 2.7 | 1.4 | 2.1 | 300.2 | 0.3 | 0.3 | 2213.5 |
| 20 | 20-Aug-2023 | 34.2 | 27.3 | 29.4 | 88.4 | 67.8 | 81.1 | 2.4 | 0.5 | 1.8 | 297.0 | 0.5 | 0.5 | 2214.1 |
| 21 | 21-Aug-2023 | 33.3 | 25.6 | 28.5 | 90.3 | 70.0 | 81.9 | 2.8 | 0.3 | 1.3 | 287.9 | 2.5 | 6.6 | 2220.7 |
| 22 | 22-Aug-2023 | 33.0 | 24.6 | 27.7 | 95.9 | 71.8 | 86.5 | 2.1 | 0.6 | 1.4 | 217.2 | 12.5 | 21.1 | 2241.7 |
| 23 | 23-Aug-2023 | 34.3 | 25.8 | 29.2 | 91.8 | 67.5 | 81.7 | 5.7 | 0.2 | 1.8 | 280.1 | 8.1 | 13.5 | 2255.2 |
| 24 | 24-Aug-2023 | 35.9 | 25.6 | 29.0 | 91.4 | 66.3 | 83.0 | 2.0 | 0.2 | 1.2 | 258.7 | 2.3 | 7.1 | 2262.3 |
| 25 | 25-Aug-2023 | 33.4 | 25.7 | 28.0 | 92.8 | 73.3 | 86.5 | 1.5 | 0.5 | 1.1 | 250.3 | 4.6 | 21.8 | 2284.2 |
| 26 | 26-Aug-2023 | 34.6 | 25.8 | 28.5 | 94.1 | 68.6 | 85.2 | 2.0 | 0.5 | 1.2 | 271.1 | 8.9 | 22.4 | 2306.5 |
| 27 | 27-Aug-2023 | 35.3 | 25.2 | 28.6 | 93.8 | 64.4 | 84.2 | 1.6 | 0.2 | 1.1 | 247.8 | 12.5 | 24.1 | 2330.6 |
| 28 | 28-Aug-2023 | 35.0 | 25.4 | 28.5 | 94.1 | 65.6 | 84.3 | 2.0 | 0.2 | 0.9 | 213.9 | 6.4 | 23.1 | 2353.7 |
| 29 | 29-Aug-2023 | 36.2 | 25.1 | 29.5 | 94.5 | 61.2 | 80.3 | 2.3 | 0.5 | 1.5 | 218.1 | 1.0 | 1.0 | 2354.8 |
| 30 | 30-Aug-2023 | 35.8 | 25.1 | 29.6 | 93.1 | 60.7 | 78.6 | 2.2 | 0.2 | 1.3 | 215.7 | 0.0 | 0.0 | 2354.8 |
| 31 | 31-Aug-2023 | 36.2 | 25.5 | 29.7 | 91.6 | 62.1 | 79.1 | 2.4 | 0.5 | 1.5 | 235.9 | 0.0 | 0.0 | 2354.8 |
| | | 36.2 | 27.7 | 29.7 | 95.9 | 77.3 | 86.8 | 5.7 | 1.4 | 2.2 | 302.7 | 14.0 | 24.1 | 2354.8 |

WEATHER STATION DATA - SEPT 2023

| Sr. No. | Date | Temperature in 0 C | | | Relative Humidity in % | | | Wind Speed in m/s | | | Wind Direction in degree | Rain in mm | | |
|---------------------|-------------|--------------------|------|---------|------------------------|------|---------|-------------------|-----|---------|--------------------------|------------|-------------|------------|
| | | Max | Min | Average | Max | Min | Average | Max | Min | Average | Average | Max | Daily Total | Cumulative |
| Aug-23 | | | | | | | | | | | | | | |
| | | 36.2 | 27.7 | 29.7 | 95.9 | 77.3 | 86.8 | 5.7 | 1.4 | 2.2 | 302.7 | 14.0 | 24.1 | 2354.8 |
| September-23 | | | | | | | | | | | | | | |
| 1 | 1-Sep-2023 | 35.0 | 27.2 | 30.2 | 86.0 | 66.3 | 78.3 | 2.6 | 0.1 | 1.2 | 275.6 | 0.0 | 0.0 | 2354.8 |
| 2 | 2-Sep-2023 | 32.4 | 26.1 | 28.3 | 92.0 | 73.5 | 84.1 | 1.8 | 0.2 | 0.8 | 225.2 | 11.4 | 11.7 | 2366.4 |
| 3 | 3-Sep-2023 | 31.9 | 26.0 | 27.7 | 91.7 | 74.2 | 84.5 | 2.9 | 0.2 | 1.4 | 224.7 | 1.0 | 1.0 | 2367.5 |
| 4 | 4-Sep-2023 | 33.7 | 24.7 | 28.7 | 91.9 | 67.0 | 80.5 | 2.3 | 0.7 | 1.5 | 227.7 | 0.0 | 0.0 | 2367.5 |
| 5 | 5-Sep-2023 | 34.0 | 25.0 | 29.0 | 92.6 | 63.8 | 79.7 | 2.8 | 0.3 | 1.6 | 235.9 | 0.0 | 0.0 | 2367.5 |
| 6 | 6-Sep-2023 | 34.1 | 25.6 | 29.2 | 91.2 | 68.6 | 81.0 | 2.2 | 0.3 | 1.2 | 253.7 | 0.5 | 1.0 | 2368.5 |
| 7 | 7-Sep-2023 | 27.4 | 23.2 | 25.8 | 95.0 | 84.9 | 90.1 | 2.3 | 0.2 | 1.1 | 237.1 | 16.3 | 78.2 | 2446.7 |
| 8 | 8-Sep-2023 | 28.9 | 23.9 | 25.8 | 97.1 | 85.4 | 93.7 | 2.7 | 0.1 | 1.5 | 253.4 | 54.1 | 164.9 | 2611.6 |
| 9 | 9-Sep-2023 | 32.6 | 25.1 | 28.6 | 96.5 | 75.8 | 87.8 | 2.0 | 0.5 | 1.4 | 277.0 | 1.8 | 4.8 | 2616.4 |
| 10 | 10-Sep-2023 | 34.2 | 26.8 | 29.2 | 92.4 | 70.3 | 84.8 | 1.5 | 0.3 | 1.1 | 290.3 | 8.6 | 13.7 | 2630.1 |
| 11 | 11-Sep-2023 | 33.9 | 26.7 | 29.0 | 93.1 | 69.8 | 84.3 | 2.3 | 0.5 | 1.3 | 250.9 | 3.1 | 4.8 | 2634.9 |
| 12 | 12-Sep-2023 | 36.4 | 25.9 | 29.9 | 92.1 | 61.2 | 80.0 | 2.3 | 0.4 | 1.1 | 243.9 | 0.8 | 1.0 | 2635.9 |
| 13 | 13-Sep-2023 | 35.2 | 25.5 | 29.1 | 94.1 | 65.2 | 82.3 | 2.4 | 0.1 | 1.2 | 221.9 | 4.6 | 12.2 | 2648.1 |
| 14 | 14-Sep-2023 | 36.4 | 24.7 | 28.1 | 94.2 | 63.2 | 84.2 | 2.4 | 0.4 | 1.5 | 166.3 | 8.4 | 41.9 | 2690.0 |
| 15 | 15-Sep-2023 | 37.0 | 24.8 | 29.5 | 93.5 | 60.2 | 80.1 | 2.4 | 0.4 | 1.3 | 213.9 | 0.5 | 0.5 | 2690.5 |
| 16 | 16-Sep-2023 | 33.6 | 25.7 | 29.1 | 90.5 | 70.7 | 82.1 | 1.6 | 0.7 | 1.2 | 265.4 | 3.8 | 5.6 | 2696.1 |
| 17 | 17-Sep-2023 | 34.6 | 25.6 | 29.4 | 93.1 | 68.7 | 81.6 | 1.9 | 1.0 | 1.3 | 271.3 | 14.0 | 32.8 | 2728.9 |
| 18 | 18-Sep-2023 | 34.8 | 25.9 | 29.1 | 92.4 | 69.8 | 83.6 | 1.9 | 0.3 | 1.2 | 249.0 | 8.4 | 18.0 | 2746.9 |
| 19 | 19-Sep-2023 | 35.1 | 25.6 | 28.1 | 94.4 | 70.6 | 86.5 | 2.1 | 0.5 | 1.2 | 204.6 | 10.7 | 31.8 | 2778.7 |
| 20 | 20-Sep-2023 | 33.7 | 25.9 | 28.0 | 94.5 | 74.8 | 88.9 | 2.1 | 0.5 | 1.3 | 216.7 | 10.2 | 27.7 | 2806.3 |
| 21 | 21-Sep-2023 | 33.3 | 25.1 | 27.2 | 95.6 | 75.3 | 90.8 | 2.8 | 0.3 | 1.2 | 220.0 | 16.3 | 56.6 | 2863.0 |
| 22 | 22-Sep-2023 | 35.6 | 25.4 | 27.3 | 95.5 | 66.8 | 89.4 | 2.7 | 0.2 | 1.6 | 174.8 | 4.1 | 11.9 | 2874.9 |
| 23 | 23-Sep-2023 | 30.1 | 25.9 | 26.8 | 93.2 | 81.7 | 90.2 | 2.5 | 0.6 | 1.5 | 172.6 | 1.0 | 2.8 | 2877.7 |
| 24 | 24-Sep-2023 | 31.3 | 25.2 | 27.3 | 93.3 | 74.4 | 87.0 | 2.3 | 0.3 | 1.0 | 195.7 | 0.3 | 0.3 | 2877.9 |
| 25 | 25-Sep-2023 | 33.8 | 25.3 | 27.7 | 93.4 | 69.5 | 86.8 | 2.3 | 0.6 | 1.2 | 223.7 | 0.8 | 1.5 | 2879.5 |
| 26 | 26-Sep-2023 | 35.3 | 24.4 | 29.1 | 94.9 | 66.3 | 84.2 | 2.5 | 0.5 | 1.3 | 197.8 | 30.5 | 67.3 | 2946.8 |
| 27 | 27-Sep-2023 | 29.8 | 24.2 | 26.2 | 96.2 | 81.7 | 91.1 | 1.7 | 0.1 | 0.9 | 155.7 | 9.1 | 47.8 | 2994.5 |
| 28 | 28-Sep-2023 | 36.7 | 25.7 | 28.5 | 94.0 | 65.0 | 85.1 | 2.8 | 0.5 | 1.3 | 176.4 | 4.6 | 7.1 | 3001.6 |
| 29 | 29-Sep-2023 | 38.5 | 25.7 | 29.0 | 92.8 | 60.3 | 83.6 | 1.7 | 0.3 | 1.0 | 181.2 | 2.0 | 4.3 | 3005.9 |
| 30 | 30-Sep-2023 | 36.1 | 24.5 | 28.6 | 94.6 | 62.9 | 84.1 | 2.9 | 0.5 | 1.2 | 220.0 | 34.0 | 72.6 | 3078.6 |
| | | 38.5 | 27.2 | 30.2 | 97.1 | 85.4 | 93.7 | 2.9 | 1.0 | 1.6 | 290.3 | 54.1 | 164.9 | 3078.6 |

WEATHER STATION DATA - OCT 2023

| Sr. No. | Date | Temperature in 0 C | | | Relative Humidity in % | | | Wind Speed in m/s | | | Wind Direction in degree | Rain in mm | | |
|-------------------|-------------|--------------------|------|---------|------------------------|------|---------|-------------------|-----|---------|--------------------------|------------|-------------|------------|
| | | Max | Min | Average | Max | Min | Average | Max | Min | Average | Average | Max | Daily Total | Cumulative |
| Sep-23 | | | | | | | | | | | | | | |
| | | 38.5 | 27.2 | 30.2 | 97.1 | 85.4 | 93.7 | 2.9 | 1.0 | 1.6 | 290.3 | 54.1 | 164.9 | 3078.6 |
| October-23 | | | | | | | | | | | | | | |
| 1 | 1-Oct-2023 | 28.0 | 24.1 | 25.9 | 96.1 | 90.6 | 94.0 | 4.3 | 0.9 | 2.3 | 285.0 | 13.5 | 49.8 | 3128.4 |
| 2 | 2-Oct-2023 | 34.6 | 24.2 | 27.5 | 93.6 | 69.0 | 85.3 | 3.2 | 0.5 | 1.8 | 177.0 | 0.5 | 1.0 | 3129.4 |
| 3 | 3-Oct-2023 | 34.4 | 25.3 | 28.8 | 94.0 | 63.1 | 82.4 | 1.7 | 0.4 | 1.2 | 227.4 | 0.0 | 0.0 | 3129.4 |
| 4 | 4-Oct-2023 | 34.8 | 25.7 | 29.4 | 90.3 | 65.8 | 80.6 | 1.5 | 0.1 | 0.9 | 238.3 | 0.0 | 0.0 | 3129.4 |
| 5 | 5-Oct-2023 | 35.1 | 25.8 | 29.2 | 91.2 | 64.7 | 81.3 | 2.1 | 0.1 | 1.2 | 241.3 | 0.0 | 0.0 | 3129.4 |
| 6 | 6-Oct-2023 | 34.9 | 25.5 | 28.9 | 94.0 | 65.2 | 81.6 | 2.4 | 0.2 | 1.5 | 241.9 | 0.0 | 0.0 | 3129.4 |
| 7 | 7-Oct-2023 | 34.6 | 25.2 | 29.1 | 92.3 | 66.3 | 82.1 | 2.9 | 0.1 | 1.4 | 250.3 | 0.0 | 0.0 | 3129.4 |
| 8 | 8-Oct-2023 | 34.9 | 25.5 | 29.5 | 92.7 | 69.1 | 83.6 | 2.2 | 0.3 | 1.1 | 272.9 | 0.0 | 0.0 | 3129.4 |
| 9 | 9-Oct-2023 | 37.3 | 26.8 | 30.1 | 93.3 | 64.3 | 83.8 | 2.4 | 0.1 | 1.3 | 237.9 | 0.0 | 0.0 | 3129.4 |
| 10 | 10-Oct-2023 | 35.1 | 26.7 | 29.6 | 94.3 | 64.9 | 83.8 | 2.3 | 0.2 | 1.2 | 246.9 | 0.0 | 0.0 | 3129.4 |
| 11 | 11-Oct-2023 | 35.4 | 26.6 | 29.6 | 92.7 | 57.1 | 77.5 | 2.3 | 0.3 | 1.2 | 303.9 | 0.0 | 0.0 | 3129.4 |
| 12 | 12-Oct-2023 | 35.1 | 25.6 | 29.3 | 88.3 | 61.0 | 79.1 | 2.1 | 0.2 | 1.1 | 242.5 | 0.0 | 0.0 | 3129.4 |
| 13 | 13-Oct-2023 | 37.0 | 26.3 | 30.1 | 91.6 | 64.8 | 82.0 | 1.8 | 0.2 | 1.0 | 230.5 | 0.0 | 0.0 | 3129.4 |
| 14 | 14-Oct-2023 | 39.5 | 26.1 | 30.1 | 95.1 | 52.6 | 81.2 | 2.7 | 0.1 | 1.4 | 198.9 | 0.0 | 0.0 | 3129.4 |
| 15 | 15-Oct-2023 | 37.0 | 25.8 | 29.7 | 93.3 | 64.4 | 82.4 | 1.8 | 0.2 | 1.1 | 217.7 | 0.0 | 0.0 | 3129.4 |
| 16 | 16-Oct-2023 | 37.9 | 26.1 | 30.0 | 89.9 | 56.6 | 79.8 | 2.7 | 0.1 | 1.3 | 209.3 | 0.0 | 0.0 | 3129.4 |
| 17 | 17-Oct-2023 | 38.8 | 26.0 | 30.6 | 92.1 | 59.1 | 80.9 | 1.9 | 0.3 | 1.1 | 190.9 | 0.0 | 0.0 | 3129.4 |
| 18 | 18-Oct-2023 | 36.2 | 26.2 | 30.1 | 89.7 | 65.5 | 79.7 | 2.2 | 0.6 | 1.3 | 222.3 | 0.0 | 0.0 | 3129.4 |
| 19 | 19-Oct-2023 | 38.7 | 26.4 | 30.5 | 89.2 | 55.0 | 75.4 | 2.0 | 0.3 | 1.1 | 212.4 | 0.0 | 0.0 | 3129.4 |
| 20 | 20-Oct-2023 | 37.8 | 25.5 | 30.0 | 90.6 | 56.6 | 78.1 | 2.4 | 0.1 | 1.2 | 207.3 | 0.0 | 0.0 | 3129.4 |
| 21 | 21-Oct-2023 | 39.5 | 27.7 | 30.7 | 88.7 | 52.3 | 77.2 | 2.9 | 0.2 | 1.3 | 192.0 | 0.0 | 0.0 | 3129.4 |
| 22 | 22-Oct-2023 | 39.2 | 27.1 | 30.9 | 83.9 | 47.8 | 72.1 | 2.8 | 0.1 | 1.1 | 187.3 | 0.0 | 0.0 | 3129.4 |
| 23 | 23-Oct-2023 | 39.7 | 25.3 | 30.1 | 91.9 | 47.6 | 75.9 | 3.1 | 0.1 | 1.5 | 206.2 | 0.0 | 0.0 | 3129.4 |
| 24 | 24-Oct-2023 | 39.2 | 25.3 | 30.1 | 90.3 | 48.9 | 74.7 | 2.2 | 0.3 | 1.3 | 206.1 | 0.0 | 0.0 | 3129.4 |
| 25 | 25-Oct-2023 | 39.0 | 25.3 | 30.0 | 89.3 | 45.9 | 72.2 | 2.4 | 0.2 | 1.3 | 208.0 | 0.0 | 0.0 | 3129.4 |
| 26 | 26-Oct-2023 | 39.3 | 24.3 | 29.6 | 88.8 | 42.3 | 70.4 | 3.7 | 0.6 | 1.7 | 204.8 | 0.0 | 0.0 | 3129.4 |
| 27 | 27-Oct-2023 | 37.4 | 23.8 | 28.9 | 87.9 | 43.4 | 70.9 | 3.9 | 0.2 | 1.9 | 208.1 | 0.0 | 0.0 | 3129.4 |
| 28 | 28-Oct-2023 | 37.8 | 23.1 | 28.8 | 88.2 | 44.6 | 71.3 | 3.5 | 0.2 | 1.7 | 184.8 | 0.0 | 0.0 | 3129.4 |
| 29 | 29-Oct-2023 | 39.0 | 22.7 | 28.8 | 88.6 | 42.8 | 70.4 | 3.2 | 0.1 | 1.5 | 196.0 | 0.0 | 0.0 | 3129.4 |
| 29 | 30-Oct-2023 | 38.6 | 23.2 | 28.9 | 88.4 | 45.0 | 72.0 | 2.3 | 0.2 | 1.3 | 184.2 | 0.0 | 0.0 | 3129.4 |
| 30 | 31-Oct-2023 | 39.5 | 24.3 | 29.5 | 86.8 | 43.6 | 71.1 | 2.3 | 0.1 | 1.3 | 190.4 | 0.0 | 0.0 | 3129.4 |
| | | 39.7 | 27.7 | 30.9 | 96.1 | 90.6 | 94.0 | 4.3 | 0.9 | 2.3 | 303.9 | 13.5 | 49.8 | 3129.4 |

ANNEXURE No. 7

**Intimation to MoEF&CC,GoI regarding
acquisition of Dighi Port by APSEZ**

adani

Ports and
Logistics

DPL/ENV/2021/34

Date: 25-05-2021

**The Director (IA-III Division),
Ministry of Environment, Forest & Climate Change,
Indira Paryavaran Bhawan, Jor Bagh Road,
New Delhi – 110003**

Dear Sir,

Sub: Intimation regarding Acquisition of Dighi Port Limited by Adani Ports and Special Economic Zone Limited (APSEZ).

Ref: 1. Environment Clearance for Dighi Port Limited (Phase I) dated 30.09.2005 (File No: 10-8/2005-IA- III)
2. Corrigendum dated 26.12.2005: Dighi Port Development Project 1st Phase, Dighi, District Raigarh, Maharashtra-Environment Clearance –Regarding ((F.No. 10-8/2005-IA-III)
3. MoEF Letter dated 25.06.2012 "Handling of LNG Cargo at Dighi Port, Maharashtra, by M/s Dighi Port Regarding" (F.No. 10-8/2005-IA-III)

The Environment Clearance for Dighi Port Limited (Phase I) was granted by Ministry of Environment and Forests (MoEF) vide letter dated 30.9.2005 (**Reference 1**). EC Corrigendum was issued vide a MoEF letter dated 26.12.2004 (**Reference 2**) and Permission for Handling of LPG Cargo was given by MoEF vide its letter dated 25.06.2012 (**Reference 3**).

With reference to the captioned subject; this is to inform you that, National Company Law Tribunal (NCLT), has approved the resolution plan of Adani Ports and Special Economic Zone (APSEZ) to acquire the Dighi Port Limited (DPL) under the Insolvency and Bankruptcy Code 2016, (IBC). Pursuant to the approval of APSEZ's Resolution Plan by the NCLT, in accordance with the terms and conditions therein, APSEZ has completed the acquisition of the DPL on 15th February 2021.

This is for your kind information and record please.

Thanking you,

Yours Sincerely,

For, Dighi Port Limited

**Ganesh Poojary
Authorised Signatory**

Dighi Port Limited
At & Po Dighi
Taluka Shrivardhan
Dist: Raigad Maharashtra-402402
CIN: U35110MH2000PLC127953



info@adani.com
www.adaniports.com

Registered Office: New Excelsior Building, A. K. Nayak Marg, Fort Mumbai, Maharashtra - 400001



Ports and
Logistics

Encl:

1. Environment Clearance for Dighi Port Limited (Dated 30.09.2005)
2. EC Corrigendum dated 26.12.2005
3. MoEF Letter dated 25.06.2012 "Handling of LNG Cargo at Dighi Port"

Copy to:

1. Deputy Director General of Forest (c) Ministry of Environment, Forest & Climate Change, Integrated Regional Office, Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur – 440001 (Email : apccfcentral-ngp-mef@gov.in)
2. Zonal Office, Central Pollution Control Board, Parivesh Bhawan, Opp. Ward No. 10 VMC Office Subhanpura, Vadodara – 390 023, Gujarat (Email: westzonecpqb@yahoo.com)
3. The Member Secretary, Maharashtra Pollution Control Board, Kalpataru Point, 3rd Floor, Road No. 8, Sion Circle, Mumbai-400022 (Email : ms@mpcb.gov.in)
4. Member Secretary, Maharashtra Coastal Zone Management Authority, Director, Environment Department, 15th Floor, New Administrative Building, Opp. Mantralaya, Mumbai – 400032 ((Email : dir1.mev-mh@nic.in)
5. Regional Officer- Raigad, Maharashtra Pollution Control Board, Raigad Bhavan, 6th floor, Sector - 11, C.B.D Belapur, Navi Mumbai- 400 614 (Email : roraigad@mpcb.gov.in, mpcbraigad@mpcb.gov.in)
S.R.O. Mahad, Maharashtra Pollution Control Board, Samaik Suvidha Kendra Building, MIDC - Mahad, District Raigad - 402 309 (Email : sromahad@mpcb.gov.in)

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