


EC Compliance for the period of April'23 to Sep'23 of BEIL Infrastructure Ltd.- Ankleshwar-9701 –16 GIDC Industrial Estate, Ankleshwar - 393002

Mr. BHUPENDRA DALWADI (CEO – BEIL) <dalwadibd@beil.co.in>

Sat 12/30/2023 12:37 PM

To:iro.gandhingr-mefcc@gov.in <iro.gandhingr-mefcc@gov.in>;ec-rdw.cpcb@gov.in <ec-rdw.cpcb@gov.in>

Cc:Rakshita Vyas/Environment/Ankleshwar <rakshita.vyas@beil.co.in>

 1 attachments (8 MB)

EC Compliance for the period of April'23 to Sep'23 of BEIL Infrastructure Ltd.-Ankleshwar.pdf;

Dear sir,

Please find the EC compliance report for the period of April'23 to Sep'23 of BEIL Infrastructure Ltd.-
Ankleshwar.

Regards,

Bhupendra Dalwadi

(Chief Executive Officer)

BEIL Infrastructure Ltd.,

Plot No 9701-16,

GIDC Industrial Estate,

GIDC,

Ankleshwar – 393002

Gujarat. India.

Cell: +91 99099 94959

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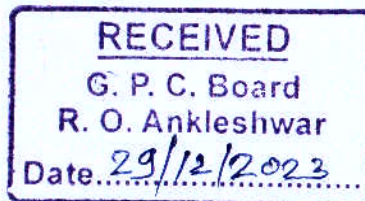
BEIL INFRASTRUCTURE LIMITED
(Formerly Known As Bharuch Enviro Infrastructure Limited)

Ref.: BEIL/ANK/2023-24/68

Date: 29.12.2023

XGN ID: 14983

To,
Integrated Regional Office
Ministry of Environment, Forest and Climate Change,
A wing- 407 & 409, Aranya Bhawan,
Near CH-3 Circle, Sector-10A,
Gandhi Nagar-382010.



Subject: Half yearly EC Compliance Status of Environmental clearance for facilities at Ankleshwar by M/s BEIL Infrastructure Limited for the period April'23 to September'23.

- Ref.: (1) Environmental Clearance No. 10-48/2007-IA-III dated 4th March,2008
(2) Environmental Clearance No. F. 10-10/2014-IA.III dated 31st December 2015.
(3) Environmental Clearance No. F. 10-10/2014-IA.III dated 1st August, 2017.
(4) Environmental Clearance No. F. 10-10/2014-1A-III dated 16th April,2018
(5) Environmental Clearance No. F. 10-25/2019-IA-III dated 15th October,2020

Dear Sir,

BEIL is operating a TSDF Facility consisting of a Secured Landfill Facility, Common Incineration Systems, Pre-processing Facility and Multi Effect Evaporation followed by spray dryer system at Plot No. 9701-16, GIDC-Estate, Ankleshwar Dist. Bharuch. BEIL is an ISO 14001:2015 and ISO 45001:2018 certified unit.

We are submitting herewith the half yearly EC Compliance status report for the period of April 2023 – September 2023 of Environmental clearance for facilities at Ankleshwar issued by MoEF&CC letter No. 10-48/2007 IA-III dated 04th March 2008, EC # F.10-10/2014-IA.III dated 31.12.2015, Environmental Clearance No. F. 10-10/2014-IA.III dated 1st August, 2017, Environmental Clearance No. F. 10-10/2014-1A-III dated 16th April 2018 and Environmental Clearance No. F. 10-25/2019-IA-III dated 15th October,2020.

Landfillable Hazardous waste details are as below:

| | |
|--|-----------------|
| Landfillable Waste received (During 01.04.23 to 30.09.23) | 98,594.78 MT |
| Cumulative quantity disposed in landfill from the beginning (up to 30.09.23) | 40,55,567.171MT |

Incinerable waste details are as follows:

| Incinerable Waste Receipt | Incinerated |
|--|--|
| During 01.04.23 to 30.09.23: 39,000.702 MT | During 01.04.23 to 30.09.23: 7895.337 MT |
| Cumulative Up to 30.09.23: 486209.935 MT | Cumulative Up to 30.09.23: 316372.067 MT |

Pre-processing details are as follows:

| | |
|--|---------------|
| Pre-processed (During 01.04.23 to 30.09.23:) | 27,104.945 MT |
| Cumulative quantity of waste sends for Pre-processing from beginning to 30.09.23 | 162165.007 MT |



BEIL INFRASTRUCTURE LIMITED
(Formerly Known As Bharuch Enviro Infrastructure Limited)

We are sending blended liquid & solid waste for Co-processing in Cement kiln:

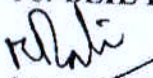
| Sr. No. | Name of Cement Industries |
|---------|---|
| 1 | M/s Ambuja Cement Ltd. Kodinar, Junagadh |
| 2 | M/s Birla Corporation Ltd.Chandaria, Tal: Chittorgarh, Rajasthan |
| 3 | M/s Shree Cement Ltd, Ras, Dist.: Pali, Rajasthan |
| 4 | M/s JK Cement Works, Mangrol, Nimbahera, Dist.: Chittorgarh, Rajasthan |
| 5 | M/s JK Cement Works, Kailash Nagar, Nimbahera, Dist.: Chittorgarh, Rajasthan. |
| 6 | M/s Ambuja Cement, Bhatapara, Chhattisgarh |
| 7 | ACC Limited, Jamul, Chhattisgarh |
| 8 | Nuvoco Vistas Corp. Ltd, Sondhi, Chhattisgarh |
| 9 | M/s Wonder Cement Ltd., Chittorgarh (Rajasthan) |
| 10 | M/s J.K Cement Works, Madhapur (Karnataka) (|
| 11 | M/s Dalmia cement Bharat Limited, Sundargarh (Odisha) (Rajasthan) |
| 12 | M/s Dalmia cement Bharat Limited, Chikkodi (Karnataka) |
| 13 | M/s Dalmia cement Bharat Limited, Chandrapur (Maharashtra) |
| 14 | M/s Prism Johnson Limited, Rampur Baghelan, Unit - 1 and Unit - 2. (M.P) |
| 15 | M/s Shree Cement Limited, Beawar (Rajasthan) |
| 16 | M/s. Sanghi Industries Ltd |

We are regularly submitting Information in online protocol of performance Evaluation and Monitoring of our TSDF to Central Pollution Control Board site.

In case you need any additional information, we will provide the same on hearing from you.

Thanking you,
Yours faithfully,

For BEIL Infrastructure Limited


Manoj Patel
(V P - Operations)

C.C: (1) Gujarat Pollution Control Board, Ankleshwar
(2) Central Pollution Control Board, Vadodara

Compliance Status of Environmental clearance for expansion and common incineration facilities at Ankleshwar by M/s. BEIL Infrastructure Limited
Environmental Clearance No. 10-48/2007-IA-III dated 4th March 2008

Reference is invited to letters No. camp/f/28/07, No. camp/f/44/07, dated 7.6.2007 and dated 18.9.2007 by M/s BEIL Infrastructure Limited on the above-mentioned subject. No Objection Certificate from the Gujarat State Pollution Control Board has been obtained vide Consent to Establish No. GPCB/CE/BRCH/NOC-3354CCA-167(5)/14483, dated 22.5.2007.

| Sr. No. | Observation/Conditions as per Environmental Clearance No. 10-48/2007-IA-III dated 4 th March, 2008 | | | Status of compliance of EC Conditions |
|---------|--|--|---|---|
| 2 | <p>The project involves development & operation of a secured landfill for treatment, storage, and disposal of hazardous waste at GIDC, Ankleshwar, Gujarat. BEIL designed the existing TSDF with German Technical Assistance through NPC. New Delhi as phase -1 with a capacity of 5,00,000 MT and Incineration capacity at 6.5 million K. Cal/hour. At present there are 450 member units who use secured landfill facility, during the last seven years of the operation of the facility, BEIL reported to have collected and disposed of more than 4,16,000 MT of hazardous waste and the existing facility is reported to be sufficient only till the end of 2006. Hence, BEIL proposes to expand the existing. Facility as per the CPCB guidelines. The cost of the proposed expansion is estimated to be about Rs.45.45 Crores. The details of the existing and proposed expansion are given as follows:</p> | | | Noted. |
| Sr. No. | Activity | Existing | Proposed | |
| 1 | Secured Landfill (SLF) | Capacity: 5,00,000 MT | Additional Capacity: 14,00,000 MT | <p>Complied.</p> <ul style="list-style-type: none"> As per our CCA No- AWH 126148, Phase 1 & 2: 23,00,000 MT, Phase 3: 14,58,000 MT and Phase 4 cell A :3,60,000 MT capacity of landfill. Till Sep'23 40,55,567.171 MT waste is disposed. And 43,247.575 MT waste is stored in temporary Shed during monsoon. |
| 2 | Incinerator | Capacity: 6.5 million K. Cal/hour (24 – 60 MT per day) | Additional Incinerator capacity: 25 million K. Cal/hour with heat recovery system (i.e.6-10 MT/hr.) | <p>Complied.</p> <p>As per our CCA No- AWH 126148, we are operating both the incinerators at 6.5 million K. Cal/hour capacity each, i.e. (6.5 million K. Cal/hour X 2)</p> |

| | | | | |
|---|---|---|----------------------|--|
| 3 | Solvent Recovery System | - | 50 MT/day | Project is on hold and not yet Implemented. |
| 4 | Drum decontamination and disposal system | - | 500 No. of Drums/day | Complied. We have installed drums decontamination system in the year 2008 and for that we have obtained CCA with drums decontamination capacity -108000 nos /Year. |
| 5 | Evaporation plant | - | 15 MT/hour | Complied. Evaporation plant with capacity of 15 MT/Hr is installed and commissioned on 19 th March 2012 and is being operated. For that we have obtained Consent to operate i.e., CC &A AWH 126148. |
| 6 | Fly Ash Brick Manufacturing plant | - | 10,000 Nos/day | Project is on hold and yet to be implemented. |
| 7 | Bio-gas plant from Kitchen waste | - | 5 MT/day | We are not operating the old biogas plant from 11 th June 2019. We have installed a new Kitchen waste processing unit and is being operated. |
| 3 | All the proposed facility, except landfill expansion, stated to be accommodated in the existing area itself. Waste generated from the treatment facility will be disposed off in secured landfill which includes ash from incinerated around 12,600 MT/Year: Discarded packing materials around 5,40,000 nos/years, the salt from Multiple Effect Evaporation system around 9,000 MT / Year. With regard to the capacity of the facility it was indicated that second phase of secured landfill facility will be 17.00 Lacs MT and the additional common incineration system will be 25.00 million kcal per hours. Public hearing was conducted on 30.08.2005 based on Environmental Impact Assessment. Minutes of public hearing were submitted. The proponents made a detailed presentation on each of the issues raised by the public and the action taken report. | | | Complied. All the Proposed facility, except landfill expansion are accommodated in the existing area itself. Waste generated from the treatment facility is disposed off in secured landfill which includes incineration ash- 6734.46 MT and salt from MEE system-7625.36 MT during April'23 to September'23. |
| 4 | The proposal falls under the category 'A', 7(d) of Environmental Impact Assessment Notification 2006 and was considered by Expert committee at its meeting held on 21 st & 22 nd June, 2007 and 23 rd , 24 th & 25 th January, 2008 and has recommended. Accordingly, the clearance is here by accorded under Environment Impact. | | | Noted. |

Specific Condition:

| Sr. No. | Description | Status |
|---------|---|--|
| (i) | The project proponent shall ensure that the TSDF fulfills all the provision of hazardous waste (management and handling) rules 2003 and the design of landfill is as per the guidelines of the Central Pollution Control Board with proper leachate collection arrangement. | Complied. We had fulfilled all the provisions of hazardous waste (management and handling) rules 2003 and its amendments from time to time and compliance is attached as Annexure-1 . Moreover, we have proper leachate collection arrangement and treatment facility. |
| (ii) | The project proponent shall ensure that the transportation of the hazardous wastes to the TSDF conforms to the norms laid down in the hazardous waste (Management and Handling) rules 2003 | Complied. Transportation of hazardous waste confirm to the provisions of hazardous waste (management and handling) rules 2003 and its amendments from time to time. Now, we have fulfilled all the provisions of hazardous waste and other waste (management and Transboundary movement) rules 2016, compliance is attached as Annexure-1 . |
| (iii) | The TSDF shall only handle the waste generated from the member units. | Complied. <ul style="list-style-type: none">• We accept waste only of member units, who have valid CC&A obtained from GPCB.• At present we are having 801 members for landfill and 965 members of incinerator. In support of this we are submitting returns to GPCB. |
| (iv) | Forced evaporation shall be provided to treat the effluent/leachate generated from the landfill. | Complied. <ul style="list-style-type: none">• We have installed Multiple Effect Evaporator to treat the effluent/leachate generated from the landfill. Effluent / Leachate generated from the landfill is evaporated and generated condensate is treated in ETP to achieve ZLD and generated salt is being dumped at BEIL. In case of shutdown/maintenance of MEE of M/s. BEIL., Ankleshwar, Leachate/ Effluent shall be sent to MEE of BEIL, Dahej and/or sent to M/s ETL for treatment and disposal.• In the Period April'23 to Sep'23: 11124 KL leachate treated in MEE plant. |
| (v) | All the conditions stipulated in the letter of Gujarat PCB vide their letter dated 22.05.2007 should be strictly implemented along with hazardous (Management and Handling) Rules,2003 | Complied. <ul style="list-style-type: none">• All the 37 conditions stipulated in the letter of Gujarat PCB vide their letter dated 22.05.2007 have been implemented along with hazardous (Management and Handling) Rules 2003 and Hazardous & Other Wastes (Management & Trans- Boundary Movement) Rules 2016 and complied. Compliance of the same is attached as Annexure-1.• The relevant compliance of hazardous waste and other waste (management and Transboundary movement) |

| | | |
|--------|--|--|
| | | rules, 2016 are attached as Annexure 2 . |
| (vi) | No ground water shall be tapped for project. | Complied. Water is being provided by GIDC for process purpose but when there is shortage of water, we use borewell water to meet requirement. As per EC F. 10-10/2014-IA-III dated. 31.12.15 specific condition point (X) we have received NOC. No. CGWA/NOC/IND/ORIG/2021/10974 dated 10.02.21. from CGWA to utilize ground water. |
| (vii) | The project proponent shall monitor the ambient air quality, groundwater and noise abutting the site as per norms laid down by CPCB. | Complied. <ul style="list-style-type: none"> • For ambient air monitoring we are having 4 Monitoring stations. • We are carrying out internally 2 times a week ambient air monitoring, monthly ground water monitoring & weekly noise level monitoring. • Moreover, ambient air monitoring, ground water monitoring & noise level monitoring are carried out monthly through third party as per norms laid down by CPCB and results are attached for period April'23 to September'23 as Annexure 4, Annexure 5, and Annexure 6 respectively. • The average results are attached as Annexure 7. |
| (viii) | Incineration of hazardous wastes shall be carried as per the guidelines of CPCB. The emissions from the incinerator shall be passed through APCS and disposal through 30-meter stack. | Complied. <ul style="list-style-type: none"> • Incineration of hazardous wastes is carried out as per the guidelines of CPCB wherein the operating temperatures of RK and SC are maintained, Online stack monitoring system(CEMS) has been installed, the results of which are transmitted to GPCB/CPCB. • The emission from the incinerator is passed through two stages Scrubbing system (dry scrubber and wet scrubber) for Air pollution control. The stack height of each Incinerator plant is 45 meters as mentioned in CC&A. |
| (ix) | Project proponent shall ensure that wastes with organic content >5% of degradable organic matters are not disposed into the landfill. However, required arrangement for collection treatment and disposal of gases from the landfill of any, should be provided. | Complied. <ul style="list-style-type: none"> • Comprehensive analysis is being carried out at the time of enrolling members. • We are carrying out finger-print analysis of every truck load of waste received at site. We ensure that waste with organic content >5% of degradable organic matters are not disposed into landfill. Once the quick test is passed, truck is allowed to enter the premises. If any truck does not meet the hazardous solid waste disposal criteria, we contact to member industry and suggest to treatment, BEIL undertake the treatment at a cost if the industry agrees otherwise, it will be returned to member industry for necessary treatment. The reports of comprehensive analysis and fingerprint analysis are attached as Annexure 8. • We have provided adequate nos. of vent to closed |

| | | |
|--|--|---|
| | | portion and regular monitoring is done every month and the concentrations of hydrocarbons are very low. |
|--|--|---|

| (x) | Project proponent Shall have Environmental management plan And onsite emergency management plan. | Complied. <ul style="list-style-type: none"> Summary of EMP Compliance is as below, and Detailed EMP Compliance is attached as Annexure-9. | | | | | | | | | | | | | | | | | | |
|-----|--|---|---|-----------|-------------------|----|---------------------------------------|---|----|--------------------------------|--|----|-------------------------|---|----|---------------------|--|----|----------------------------|---|
| | | <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Condition</th> <th>Compliance Status</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Temporary storage for hazardous waste</td> <td>Complied. Temporary storage of hazardous waste for monsoon period has been provided.</td> </tr> <tr> <td>2.</td> <td>Loading and unloading of waste</td> <td>Complied. Adequate facility and equipment for unloading of waste has been provided.</td> </tr> <tr> <td>3.</td> <td>Transportation of waste</td> <td>Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the Hazardous and other wastes (management and transboundary Movement) Rules, 2016. Total Approved 529 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.</td> </tr> <tr> <td>4.</td> <td>Monitoring activity</td> <td>Complied. We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis.</td> </tr> <tr> <td>5.</td> <td>Leachate management system</td> <td>Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed.</td> </tr> </tbody> </table> | Sr. No. | Condition | Compliance Status | 1. | Temporary storage for hazardous waste | Complied. Temporary storage of hazardous waste for monsoon period has been provided. | 2. | Loading and unloading of waste | Complied. Adequate facility and equipment for unloading of waste has been provided. | 3. | Transportation of waste | Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the Hazardous and other wastes (management and transboundary Movement) Rules, 2016. Total Approved 529 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF. | 4. | Monitoring activity | Complied. We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis. | 5. | Leachate management system | Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed. |
| | Sr. No. | Condition | Compliance Status | | | | | | | | | | | | | | | | | |
| | 1. | Temporary storage for hazardous waste | Complied. Temporary storage of hazardous waste for monsoon period has been provided. | | | | | | | | | | | | | | | | | |
| | 2. | Loading and unloading of waste | Complied. Adequate facility and equipment for unloading of waste has been provided. | | | | | | | | | | | | | | | | | |
| | 3. | Transportation of waste | Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the Hazardous and other wastes (management and transboundary Movement) Rules, 2016. Total Approved 529 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF. | | | | | | | | | | | | | | | | | |
| | 4. | Monitoring activity | Complied. We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis. | | | | | | | | | | | | | | | | | |
| 5. | Leachate management system | Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed. | | | | | | | | | | | | | | | | | | |
| | <ul style="list-style-type: none"> BEIL has prepared on site Emergency plan, and it is updated annually. Onsite emergency plan is including points like hazard identification and risk analysis, organization setup, communication system, action on site, link with offsite emergency plan, training rehearsals and record aspects, offsite effects of any emergency, the duties and functions to control any emergency etc. Mock drills are also being conducted. On-site Emergency Plan is submitted to DISH and the inward letter copy is attached as Annexure 10. BEIL has Implemented Prestigious Environmental Management system standard ISO 14001:2015 & ISO 45001: 2018 Safety system. Certificates are attached as Annexure 11. | | | | | | | | | | | | | | | | | | | |

| | | |
|------|--|--|
| (xi) | Project proponent shall carry out periodical groundwater/soil monitoring in and around the site to check the contamination including TCLP test for heavy metals. | Complied. <ul style="list-style-type: none"> We carry out ground water and soil monitoring once in a Month externally in and around the site to check the contamination, the results of which are attached as Annexure 5 and Annexure 12. And the average results are attached as Annexure 7. Moreover, we have carried out Hydrogeological study for TSDF facility through NEERI. And report was submitted. |
|------|--|--|

| | | |
|--------|---|---|
| (xii) | Adequate dust and noise separation measures should be put in place during construction of the plant. | Complied. Adequate dust suppression systems water sprinkling, adequate enclosure, etc. were applied and noise separation measures like acoustic enclosures, wherever possible, were put in place during construction of the plant. |
| (xiii) | Green belt development to a tune of 41,000 m ² with thick canopy trees around the project site should be taken up to mitigate the impacts on the overall air quality at the site. | Complied. <ul style="list-style-type: none"> • Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. Layout of green belt within the premises is attached as Annexure – 13. • Additionally, we have taken a land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as Annexure-13(A). |
| (xiv) | The groundwater, surface water and air quality should be monitored regularly to assess the leachate contamination. | Complied. <ul style="list-style-type: none"> • For ambient air monitoring we are having 4 Monitoring stations. • We are carrying out internally 2 times a week ambient air monitoring, monthly ground water monitoring & quarterly surface water monitoring. • Moreover, ambient air monitoring & ground water monitoring are carrying out monthly, and quarterly surface water monitoring through third party as per norms laid down by CPCB and results are attached for period April'23 to September'23 as Annexure 4, Annexure 5, and Annexure 5(A) respectively. |
| (xv) | A leachate collection system should be provided to collect the leachate at a collection point. Treatment facility for the collected leachate should be provided. The treated water shall be reused as far as possible in the project. | Complied. <ul style="list-style-type: none"> • A well-designed leachate collection system is developed. • The SLF have 6 nos. to Phase I, 7 nos. to Phase II, 3 nos. for phase III and 3 nos. for phase IV leachate collection wells . Leachate is collected and either treated at the MEE in the premises or sent to CETP (M/S Enviro Technology Limited) / BEIL Dahej for treatment. • In the period April'23 to September'23-11124 leachate is generated and treated in MEE plant. |

| (xvi) | The landfill site should be as per the norms laid down by CPCB. | <p>Complied.</p> <ul style="list-style-type: none"> We have fulfilled all the guidelines of the central pollution control board i.e., complying all location, planning – design, phase operation, liner system, closure and post closure maintenance plan, site infrastructure, environment monitoring system, financial assurance, etc. criteria along with leachate collection arrangement. IIT Delhi, is guiding for construction and operation of the Landfill. Compliance of the central pollution control board guidelines is attached as Annexure 2. | | | | | | | | | | | | | | | | | | |
|-------------|--|--|------|------------------------|------------------------|-------------|-----|-------|-------------|--------|--------|-------------|--------|--------|-------------|--------|--------|-------------|---------|--------|
| (xvii) | A separate environment management cell with suitably qualified staff to carry out various environment related functions should be set up under the charge of a senior executive who will report directly to the chief executive of the organization. | <p>Complied.</p> <ul style="list-style-type: none"> Company have separate Environmental Management cell. Vice president (VP) – Operation, Environmental lab head, are directly reporting to Chief executive officer / Director. Details of the persons engaged in the Environment cell are as below: Mr. Manoj Patel: VP– Operation (BE Civil) Ms. Rakshita Vyas: –DGM-Environment (PGD-Environment) Mr. Satish Gaddam: Head, Environment Laboratory Bhoomi Tambda: Executive- Environment (ME - Environment) Foram Patel: Officer- Environment (ME - Environment) Krishna Ichhapuria: Officer- Environment (BE Environment) Khushboo Patel: Trainee - Environment (BE Environment) Corporate Environment Cell: Mr. B.D. Dalwadi - CEO - (BE – Chemical) Dr. P N Parameswaran: Advisor – Environment | | | | | | | | | | | | | | | | | | |
| (xviii) | <p>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.</p> <p>A year wise expenditure on environmental safeguards should be reported to this ministry’s regional office at Bhopal.</p> | <p>Complied.</p> <ul style="list-style-type: none"> A separate account (ESCROW) is maintained for environment protection and the cumulative amount till September’23 is 1951.10 Lakh. These funds are not diverted for any other activity. Year wise expenditure on environmental protection is as below. <table border="1" data-bbox="715 1794 1493 2094"> <thead> <tr> <th>Year</th> <th>Capital Expense (Lacs)</th> <th>Revenue Expense (Lacs)</th> </tr> </thead> <tbody> <tr> <td>2018 - 2019</td> <td>185</td> <td>43.44</td> </tr> <tr> <td>2019 - 2020</td> <td>626.50</td> <td>413.80</td> </tr> <tr> <td>2020 - 2021</td> <td>644.07</td> <td>429.82</td> </tr> <tr> <td>2021 - 2022</td> <td>691.25</td> <td>184.87</td> </tr> <tr> <td>2022 - 2023</td> <td>1994.96</td> <td>330.92</td> </tr> </tbody> </table> | Year | Capital Expense (Lacs) | Revenue Expense (Lacs) | 2018 - 2019 | 185 | 43.44 | 2019 - 2020 | 626.50 | 413.80 | 2020 - 2021 | 644.07 | 429.82 | 2021 - 2022 | 691.25 | 184.87 | 2022 - 2023 | 1994.96 | 330.92 |
| Year | Capital Expense (Lacs) | Revenue Expense (Lacs) | | | | | | | | | | | | | | | | | | |
| 2018 - 2019 | 185 | 43.44 | | | | | | | | | | | | | | | | | | |
| 2019 - 2020 | 626.50 | 413.80 | | | | | | | | | | | | | | | | | | |
| 2020 - 2021 | 644.07 | 429.82 | | | | | | | | | | | | | | | | | | |
| 2021 - 2022 | 691.25 | 184.87 | | | | | | | | | | | | | | | | | | |
| 2022 - 2023 | 1994.96 | 330.92 | | | | | | | | | | | | | | | | | | |

General Condition:

| No. | Description | Status |
|-------|---|--|
| (i) | Construction of the proposed structures should be undertaken meticulously confirming to the existing central/local rules and regulations. All the construction designs/drawings relation to the proposed construction activities must have approvals of the concerned state government department/agencies. | Complied. <ul style="list-style-type: none">• Our all designs and drawings are approved by concerned state government department.• Approval letter from GIDC and DISH are attached as Annexure 14. |
| (ii) | To meet any emergency situation, appropriate fire-fighting system should be available. Appropriate arrangements for uninterrupted power and water supply to meet the requirements of the environment protection equipment and continuous water supply for the firefighting system should be made. | Complied. <ul style="list-style-type: none">• The fire Hydrant system is designed as per the TAC guideline. All storage sheds are covered by water sprinkler system as well as heat and smoke detector system. TSDF has three pumps (Jokey, Electrical and Diesel) each of capacity are 10 m³/Hr, 273 m³/Hr and 273 m³/Hr respectively. And have 1000 KL storage for water.• We also have membership of Disaster Prevention and Maintenance Center, Ankleswar which is equipped with all facilities to meet any emergency. |
| (iii) | Full support should be extended to the officers of this ministry's regional office at Bhopal and the officers of the central and furnishing full details and action plans including the action taken reports in respect of mitigative measures and other environmental protection activities. | Noted and complied. |
| (iv) | 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 one for ensuring environmental protection. The project proponents should be responsible for implementing the suggested safeguard measures. | Complied. <ul style="list-style-type: none">• There has been no deviation or alteration in the project including the implementing agency.• For modification and expansion, we have obtained EC vide letter no. F.No. 10-10/2014-IA.III dated 31.12.2015, F.No. 10-10/2014-IA.III dated 01.08.2017, F.No. 10-10/2014-IA.III dated 16.04.2018 and F. No 10-25/2019-IA-III dated 15th October, 2020. |
| (v) | This ministry reserves the right to revoke this clearance. If any of the conditions are not complied with to the satisfaction of this ministry. | Noted. |
| (vi) | This ministry or any other competent authority may stipulate any other additional conditions subsequently. If deemed necessary, for environmental protection, which shall be compelled with. | Noted. |

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| (vii) | A copy of the clearance letter shall be marked to the concerned panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal. | Complied. We had marked the copy of the clearance letter to all the concerned dated 24.03.2008 and recorded. Same is attached as Annexure 15 . |
| (viii) | Gujarat Pollution Control Board should display a copy of the clearance letter at the district industries center and collector's office/tehsildar's office for 30 days. | Complied. We had submitted the copy of EC along with the letter dated 24.03.2008. |
| (ix) | The project proponent should advertise at least in two local newspapers widely circulated in the region around the project one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Gujarat State Pollution Control Board and may also be seen at website of the ministry of environment & forests at http://www.envfor.nic.in | Complied. We gave advertisement in papers SANDESH (vernacular language) & THE INDIAN EXPRESS dated 22.03.2008 and copy is attached as Annexure 16 . |
| (x) | The project proponents should inform regional office 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 work. | Complied. <ul style="list-style-type: none"> • The consent & Authorization for the project is accorded by GPCB vide letter no GPCB/CCA-BRCH-167(13)/ID-14983/134176 dated 04.01.2013. • We have informed MoEF&CC-Bhopal as well as ministry the date of start of work and financial closure by concerned authority via our letter BEIL- PH-III/MOEF/03 dated 19.12.1014. Same is attached as Annexure 17. |

Compliance Status of Environmental Clearance EC# F.No.10-10/2014-IA.III for Expansion of Secured Landfill (Phase-III) of Existing Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) in GIDC Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s BEIL Infrastructure Ltd. Dated 31.12.2015

Environmental Clearance No. F. 10-10/2014-IA.III dated 31st December 2015.

The proposal for Expansion of Secured Landfill (Phase-III) of Existing Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) in GIDC Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s BEIL Infrastructure Ltd, was considered by the Expert Appraisal Committee (EAC) in the Ministry for Infrastructure Development, Coastal Regulation Zone, Building/Construction and Miscellaneous Projects, in its meeting held on 24th-26th June 2015

| No. | Observation/Conditions as per Environmental Clearance No. F. 10-10/2014-IA.III dated 31 st December 2015. | Status of compliance of EC Conditions |
|-------|--|--|
| 3. | The details of the project, as per the documents submitted by the project proponents (PP), and also as informed during the above EAC meetings, are reported to be as under: - | |
| (ii) | The Project was accorded TOR vide letter No. 10-10/2014-IA-III dated 18.09.2014. | Noted. |
| (iii) | The Project involves expansion of Secured Landfill (Phase-III) of existing Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) in GIDC Industrial Estate, Ankleshwar of District Bharuch (Gujarat) by M/s BEIL Infrastructure Ltd. The Project is located at 21°36'55"-21°37'09" Latitude and 73°02'03"-73°02'59" longitude. | Noted. |
| (iv) | The Total site area is 69 acres, pit area 2.98 acres and closure area is 14.755 acres. | Noted. |
| (v) | Green Belt development (20% of construction projects and 33% for others). The main objective of the green belt is to provide a barrier between the plant surroundings areas. Total 2,79,233.34 sqm land area is available at site; out of this about 41,000 sqm (14.683%) area is covered as green belt and other forms of greenery. | Complied. Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. Layout of green belt within the premises is attached as Annexure – 13 . Additionally, we have taken a land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as Annexure-13(A) . |

| (vi) | <p>Water requirement will be met through GIDC water supply. Total GIDC water supply required is at 631 KL/day for industrial purpose and 26 KLD for domestic Purpose.</p> | <p>Noted and complied. After Amendment the Total Water Requirement is 743.4 KLD out of 26 KLD is for Domestic, 83 is for Gardening & 634.4 KLD is for industrial purpose which is fulfilled by the GIDC water and from minimum usage of ground water . The water consumption is as below:</p> <table border="1" data-bbox="874 528 1477 1016"> <thead> <tr> <th>Month</th> <th>GIDC Water cons. (KL) (A)</th> <th>Tanker+ Borewell cons. (KL) (B)</th> <th>Total water cons. (A+ B) (KL)</th> </tr> </thead> <tbody> <tr> <td>April'23</td> <td>3751</td> <td>207</td> <td>3958</td> </tr> <tr> <td>May'23</td> <td>3980</td> <td>10</td> <td>3980</td> </tr> <tr> <td>June'23</td> <td>3261</td> <td>9</td> <td>3261</td> </tr> <tr> <td>July'23</td> <td>3780</td> <td>14</td> <td>3794</td> </tr> <tr> <td>Aug'23</td> <td>3726</td> <td>28</td> <td>3754</td> </tr> <tr> <td>Sep'23</td> <td>4629</td> <td>5</td> <td>4634</td> </tr> <tr> <td>Total</td> <td>23108</td> <td>273</td> <td>23381</td> </tr> <tr> <td>Avg</td> <td colspan="3">128 KLD</td> </tr> </tbody> </table> | Month | GIDC Water cons. (KL) (A) | Tanker+ Borewell cons. (KL) (B) | Total water cons. (A+ B) (KL) | April'23 | 3751 | 207 | 3958 | May'23 | 3980 | 10 | 3980 | June'23 | 3261 | 9 | 3261 | July'23 | 3780 | 14 | 3794 | Aug'23 | 3726 | 28 | 3754 | Sep'23 | 4629 | 5 | 4634 | Total | 23108 | 273 | 23381 | Avg | 128 KLD | | |
|-----------|--|---|-------------------------------|--------------------------------|---|-------------------------------|----------|------|--------|------|--------|---------|------|------|---------|------|------|--------|---------|------|--------|------|--------|-------|-------|-------|-----------|-------|--------|------|-------|-------|-----|-------|-----|---------|--|--|
| Month | GIDC Water cons. (KL) (A) | Tanker+ Borewell cons. (KL) (B) | Total water cons. (A+ B) (KL) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| April'23 | 3751 | 207 | 3958 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May'23 | 3980 | 10 | 3980 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| June'23 | 3261 | 9 | 3261 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| July'23 | 3780 | 14 | 3794 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aug'23 | 3726 | 28 | 3754 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sep'23 | 4629 | 5 | 4634 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 23108 | 273 | 23381 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | 128 KLD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (vii) | <p>The wastewater generation is limited to 312 KLD.</p> | <p>Noted and complied. After Amendment the Total wastewater generation is 470.5 KLD out of 26 KLD is from Domestic & 444.5 KLD is from industrial purpose which is treated/reused in STP/ quencher/MEE/ETP or sent to ETL. Leachate, Condensate Generation data are as below:</p> <table border="1" data-bbox="874 1361 1461 1823"> <thead> <tr> <th>Month</th> <th>Leachate (Treated in MEE) (KL)</th> <th>Condensate (Sent to ETL/treated in ETP)</th> </tr> </thead> <tbody> <tr> <td>April'23</td> <td>1782</td> <td>2945</td> </tr> <tr> <td>May'23</td> <td>1839</td> <td>3379</td> </tr> <tr> <td>June'23</td> <td>1817</td> <td>2891</td> </tr> <tr> <td>July'23</td> <td>1916</td> <td>3711</td> </tr> <tr> <td>Aug'23</td> <td>1916</td> <td>3440</td> </tr> <tr> <td>Sep'23</td> <td>1854</td> <td>3557</td> </tr> <tr> <td>Total</td> <td>11124</td> <td>19923</td> </tr> <tr> <td>Avg (KLD)</td> <td>61.12</td> <td>109.46</td> </tr> </tbody> </table> | Month | Leachate (Treated in MEE) (KL) | Condensate (Sent to ETL/treated in ETP) | April'23 | 1782 | 2945 | May'23 | 1839 | 3379 | June'23 | 1817 | 2891 | July'23 | 1916 | 3711 | Aug'23 | 1916 | 3440 | Sep'23 | 1854 | 3557 | Total | 11124 | 19923 | Avg (KLD) | 61.12 | 109.46 | | | | | | | | | |
| Month | Leachate (Treated in MEE) (KL) | Condensate (Sent to ETL/treated in ETP) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| April'23 | 1782 | 2945 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May'23 | 1839 | 3379 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| June'23 | 1817 | 2891 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| July'23 | 1916 | 3711 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aug'23 | 1916 | 3440 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sep'23 | 1854 | 3557 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 11124 | 19923 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg (KLD) | 61.12 | 109.46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (viii) | <p>The quantity of wastewater generated will be 80.5 KLD from various stages of the operation and most of the wastewater is treated and recycled to minimize the usage of ground water. The entire wastewater will be treated and reused for various activities such as vehicle tire washing, dust suppression</p> | <p>Noted and complied. Wastewater (Leachate) generated is either treated in MEE and the condensate is used for various activities or sent to ETL.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| (ix) | No additional power is required. Gujarat Electricity Board (GEB) will supply the power. In case of power failure D.G. Set can be used (2×600 kVA capacity each). | Complied. <ul style="list-style-type: none"> No additional power was required during phase III project. And for power failure D.G. Set is being used (2×975 kVA capacity each) & and also being used GD Set(600 KVA). |
| (x) | Investment/Cost: The total cost of the project Is Rs. 30 Crores. | Complied. The total cost is within the limits. |
| (xi) | Public Hearing: Public Hearing is not required for Projects/activities located within the industrial estates/parks as per Office Memorandum from MoEF&CC (IA) letter no. j-11013/36/2014-ia-I DATED 10.12.2014 | Not Applicable. BEIL is located within the notified industrial estate, so public hearing was not required as per Office Memorandum from MoEF&CC (IA) letter no. j-11013/36/2014-ia-I dated 10.12.2014. |
| (xii) | Wildlife issues: There are no National Parks, Wildlife Sanctuary, biosphere reserves found in the 10 km buffer zone. | Not Applicable. There are no National Parks, Wildlife Sanctuary, biosphere reserves found in the 10 km buffer zone. BEIL is located within the Notified industrial estate. |
| (xiii) | Forests Land: No Forest land is involved in the project | Not applicable. No Forest land is involved in the project. BEIL is located within the Notified industrial estate. |
| (xiv) | There are no Court cases/violations pending with the project proponent. | Complied. There are no Court cases/violations pending with the project proponent. |
| 4 | The EAC, after detailed deliberation, recommended the project in its meeting held on 24 th – 26 th June 2015 for grant of Environmental Clearance. As per the recommendations of EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance for the above-mentioned project “Expansion of Secured Landfill (Phase-III) of Existing Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) in GIDC Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s BEIL Infrastructure Ltd.” under the provisions of the EIA Notification, 2006 and amendments thereto and circulars issued thereon and subject to the compliance of the following specific and general conditions: | Noted. |

Specific Condition:

| No. | Description | Status |
|-------|---|---|
| (I) | 'Consent to Establish' shall be obtained from State Pollution Control Board under the Air (Prevention and control of Pollution) Act, 1981 and the Water (Prevention and Control of pollution) Act, 1974 | Complied. We have obtained CTE vide letter no. GPCB/CCA – BRCH – 167 (15)/ID – 14983/347176 & 347182 dtd. 02.03.2016 & CTO vide letter no. GPCB/ CCA, ID – 14983 /AWH- 89137/123296 dtd. 02.11.2017 from GPCB. |
| (ii) | Water from bore-wells shall not be used for the proposed activities. Existing bore-wells shall be used only for monitoring the quality of ground water. | Noted & complied. <ul style="list-style-type: none"><li data-bbox="879 685 1481 965">• The provided monitoring wells at upstream (6 nos.) and downstream (6 nos.) of the TSDF is use for monitoring the quality of ground water. An average of all the monitoring results ofground water results in and around the site are mentioned in Annexure-7.<li data-bbox="879 981 1481 1048">• All the third-party reports are attached as Annexure – 5. |
| (iii) | The proposed layout plan shall be realigned in such a way that the waste tipping area and processing area and other project components which produces maximum air and noise pollution is farthest from the habitation. | Complied. Existing site is located inside notified industrial estate. |
| (iv) | State of the art measures shall be adopted for odor control from the plant. | Complied. <ul style="list-style-type: none"><li data-bbox="879 1312 1481 1413">• For landfillable waste handling we have provided scrubber in stabilization shed to control odor.<li data-bbox="879 1420 1481 1704">• For Incinerable waste handling we have provided scrubber in preprocessing area and waste handling area to control odor. Odor control system is also installed at plant area. Moreover, we have also provided double stage scrubber system (wet and dry) in incinerator plant to control air pollution. |
| (v) | The Waste lying at the existing dumping site shall be excavated and should be accumulated to designated place within the site and this accumulated waste shall be compacted and closed scientifically after reaching the design height. | Complied. <ul style="list-style-type: none"><li data-bbox="879 1792 1481 1928">• There is no dumping site. Waste received from the member industries are checked and treated/ directly go to the landfilling site.<li data-bbox="879 1935 1481 2190">• Existing Secured Landfill Phase 1 – 6,01,404.117 MT waste disposed and capped in March 2007. Phase 2 landfill operation started on 12th March 2007 and after disposal of 17,75,274 MT waste disposed and capped in Feb'17. Phase 3 started on May 2016 and after disposal of |

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| | | <p>13,89,672.268 MT waste disposed and closed. Phase 4 started on April 2022 and 3,08,556.031MT waste is disposed till Sep'23.</p> <ul style="list-style-type: none"> Secured Landfills are already being compacted and closed scientifically after reaching the design height. |
| (vi) | Project Proponent shall develop green belt as committed | <p>Complied.</p> <p>Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. Layout of green belt within the premises is attached as Annexure – 13. Additionally, we have taken a land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as Annexure-13(A).</p> |
| (vii) | The connectivity road to the side shall be as per IRC guidelines. | <p>Not Applicable.</p> <p>This pertained to GIDC who has provided connectivity roads.</p> |
| (viii) | The waste is proposed to be transported through the village roads, the roads shall be properly widened or proper road for transportation shall be provided. Details shall be incorporated in the EMP. | <p>Not Applicable</p> <p>Existing site, located inside notified industrial estate hence, waste is not being transported through village roads. Proper Road network is available to receive waste at site from members industries.</p> |
| (ix) | The gas generated from the landfill facility shall be collected and disposed as per rules | <p>Complied.</p> <p>Since the waste is treated, stabilized, and disposed, there is no Gas Generation from the Secured Landfill. Gas vents have been Provided for the Existing Sites and the same Provisions will be made for the Secured Landfill Phase-IV. We are monitoring the vent pipes of landfill internally and almost all readings we are getting BDL. The records are maintained in the laboratory.</p> <p>Results are attached as Annexure 18.</p> |
| (x) | The proponent shall obtain necessary clearance from the Ground water Authority for the use of ground water. | <p>Noted and complied.</p> <p>We have got NOC from CGWA dated 10.02.21 for usage of borewell water and the copy of the same is attached as Annexure 19.</p> |
| (xi) | The depth of the Landfill site shall be decided based on the ground water table at the site. | <p>Noted and complied.</p> <p>The landfill is being developed as per CPCB criteria & approved drawings before starting the construction work of cell. Depth of the water table for existing site is around 30 meters, and we have gone up to 7 meters below the surface level. Hence, fulfilling the criteria of CPCB guidelines.</p> |

| (xii) | An On-Site Emergency Management Plan shall be prepared and implemented. | <p>Noted & complied.</p> <ul style="list-style-type: none"> BEIL has prepared on site Emergency plan, and it is updated annually. On site emergency plans including points like hazard identification, organization setup, communication system, action on site, link with offsite emergency plan, training rehearsals and record aspects, offsite effects of any emergency, the duties and functions to control any emergency etc. Mock drills are also being conducted. On-site Emergency Plan is submitted separately with this. The ACK copy of letter submitted to DISH is attached as Annexure-9. | | | | | | | | | | | | | | | | | | |
|--------|---|--|-----|-----------|-------------------|----|---------------------------------------|---|----|--------------------------------|--|----|-------------------------|--|----|---------------------|--|----|----------------------------|---|
| (xiii) | All the recommendation of the EMP shall be complied with letter and spirit. All the mitigation measures submitted in the EIA report shall be prepared in a matrix format and the compliance for each mitigation plan shall be submitted to MOEF&CC along with half yearly compliance report to MOEF&CC -RO. | <p>Complied.</p> <ul style="list-style-type: none"> Summary of EMP Compliance is as below, and Detailed EMP Compliance is attached as Annexure -9. <table border="1" data-bbox="411 947 1477 1944"> <thead> <tr> <th data-bbox="416 947 472 1021">No.</th> <th data-bbox="477 947 699 1021">Condition</th> <th data-bbox="703 947 1473 1021">Compliance Status</th> </tr> </thead> <tbody> <tr> <td data-bbox="416 1028 472 1167">1.</td> <td data-bbox="477 1028 699 1167">Temporary storage for hazardous waste</td> <td data-bbox="703 1028 1473 1167">Complied. Temporary storage of hazardous waste for monsoon period has been provided.</td> </tr> <tr> <td data-bbox="416 1173 472 1279">2.</td> <td data-bbox="477 1173 699 1279">Loading and unloading of waste</td> <td data-bbox="703 1173 1473 1279">Complied. Adequate facility and equipment for unloading of waste has been provided.</td> </tr> <tr> <td data-bbox="416 1285 472 1576">3.</td> <td data-bbox="477 1285 699 1576">Transportation of waste</td> <td data-bbox="703 1285 1473 1576">Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the Hazardous and other wastes (management and transboundary Movement) Rules, 2016. Total Approved 529 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.</td> </tr> <tr> <td data-bbox="416 1583 472 1722">4.</td> <td data-bbox="477 1583 699 1722">Monitoring activity</td> <td data-bbox="703 1583 1473 1722">Complied. We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis.</td> </tr> <tr> <td data-bbox="416 1729 472 1937">5.</td> <td data-bbox="477 1729 699 1937">Leachate management system</td> <td data-bbox="703 1729 1473 1937">Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed.</td> </tr> </tbody> </table> | No. | Condition | Compliance Status | 1. | Temporary storage for hazardous waste | Complied. Temporary storage of hazardous waste for monsoon period has been provided. | 2. | Loading and unloading of waste | Complied. Adequate facility and equipment for unloading of waste has been provided. | 3. | Transportation of waste | Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the Hazardous and other wastes (management and transboundary Movement) Rules, 2016. Total Approved 529 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF. | 4. | Monitoring activity | Complied. We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis. | 5. | Leachate management system | Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed. |
| No. | Condition | Compliance Status | | | | | | | | | | | | | | | | | | |
| 1. | Temporary storage for hazardous waste | Complied. Temporary storage of hazardous waste for monsoon period has been provided. | | | | | | | | | | | | | | | | | | |
| 2. | Loading and unloading of waste | Complied. Adequate facility and equipment for unloading of waste has been provided. | | | | | | | | | | | | | | | | | | |
| 3. | Transportation of waste | Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the Hazardous and other wastes (management and transboundary Movement) Rules, 2016. Total Approved 529 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF. | | | | | | | | | | | | | | | | | | |
| 4. | Monitoring activity | Complied. We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis. | | | | | | | | | | | | | | | | | | |
| 5. | Leachate management system | Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed. | | | | | | | | | | | | | | | | | | |

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| (xiv) | Environmental Monitoring program shall be implemented as per EIA-EMP report and guidelines prescribed by CPCB for Hazardous waste facilities. Periodical ground water/soil monitoring to check the contamination in and around the site be carried out. | <p>Complied.</p> <ul style="list-style-type: none"> • Environmental Monitoring program is implemented as per EIA-EMP report and guidelines prescribed by CPCB for Hazardous waste facilities. • We carry out ground water and soil monitoring once in a Month externally in and around the site to check the contamination, the results of which are attached as Annexure 5 and Annexure 12. And the average results are attached as Annexure 7. • Moreover, we have carried out Hydrogeological study for TSDF facility through NEERI, Nagpur. And report was submitted. |
| (xv) | The Leachate from the facility shall be collected and treated to meet the prescribed standards before disposal. | <p>Complied.</p> <ul style="list-style-type: none"> • A well-designed leachate collection system is developed. • The SLF shall have 6 nos. to Phase I, 7 nos. to Phase II, 3 nos. for phase III and 3 nos. for phase IV leachate collection wells have been provided. Leachate is collected and either treated at the MEE in the premises or sent to CETP (M/S Enviro Technology Limited) / BEIL Dahej for treatment and disposal. • In the period April'23 to September'23- 11124 KL leachate is generated and treated in MEE plant. |
| (xvi) | Rainwater runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant. | <p>Complied.</p> <p>Separate provision for storm water runoff has been provided surrounding the landfill and other areas, which leads to GIDC drainage. Storm water is discharged into the GIDC drainage line only once its analysis is carried out and the results are found satisfactory. If results are not satisfactory, then the rainwater runoff from the storm water drain is collected and treated in MEE through ETP to achieve ZLD/ETL as per our CCA.</p> |
| (xvii) | The responses/ commitments made to the issues raised during public hearing shall be complied with in letter and spirit. A Hard copy of the actions taken shall be submitted to the Ministry. | <p>Not Applicable.</p> <p>Existing site is in notified industrial area. Public Hearing is Not Applicable as per MoEF&CC memorandum No. J- 11013/36 /2014-IA-I Dated 10th December,2014.</p> |

| | | | | |
|---------|---|---|---------------------------------------|---|
| (xviii) | The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report so also during the presentation of EAC. | Complied. | | |
| | | <ul style="list-style-type: none"> Summary of EMP Compliance is as below, and Detailed EMP Compliance is attached as Annexure-9. | | |
| | | No. | Condition | Compliance Status |
| | | 1. | Temporary storage for hazardous waste | Complied. Temporary storage of hazardous waste for monsoon period has been provided. |
| | | 2. | Loading and unloading of waste | Complied. Adequate facility and equipment for unloading of waste has been provided. |
| | | 3. | Transportation of waste | Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the Hazardous and other wastes (management and transboundary Movement) Rules, 2016. Total Approved 529 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF. |
| 4. | Monitoring activity | Complied. We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis. | | |
| 5. | Leachate management system | Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed. | | |

General Condition:

| No. | Description | Status |
|-------|--|---|
| (I) | The project proponent should set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive. | Complied. <ul style="list-style-type: none">• Company have separate Environmental Management cell. Vice president (VP) – Operation, Environmental lab head, are directly reporting to Chief executive officer / Director.• Details of the persons engaged in the Environment cell are asbelow: Mr. Manoj Patel: VP– Operation (BE Civil) Ms. Rakshita Vyas: –DGM-Environment (PGD-Environment) Mr. Satish Gaddam: Head, Environment Laboratory Bhoomi Tambedia: Executive- Environment (ME-Environment) Foram Patel: Officer- Environment (ME-Environment) Krishna Ichhapuria: Officer- Environment (BE Environment) Khushboo Patel: Trainee-Environment (BE Environment)• Corporate Environment Cell: Mr. B.D. Dalwadi - CEO - (BE – Chemical) Dr. P N Parameswaran: Advisor – Environment |
| (ii) | The Project proponent should extend full support to the officers of this Ministry/regional Office during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect to mitigation measures and other environmental protection activities. | Noted and complied. Full support is extended to the officers of the Ministry/regional Office during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect to mitigation measures and other environmental protection activities. |
| (iii) | The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under the provisions of the EPA, 1986, to ensure effective implementation of suggestions safeguard measures in a time bound and satisfactory manner. | Noted. |

| (iv) | In the event of a change in the implementation agency, a fresh clearance shall be obtained from the Ministry of Environment, forest and Climate Change. | Complied. Name change had been done from Bharuch Enviro Infrastructure Ltd to BEIL InfrastructureLtd. for that EC received wide letter F.No. 10-10/2014-IA.III dated 18.11.2021. | | | | | | | | | | | | | | | | | | |
|---------|---|---|---------|-----------|-------------------|----|---------------------------------------|---|----|--------------------------------|--|----|-------------------------|---|----|---------------------|--|----|----------------------------|---|
| (v) | A copy of the clearance letter will be marked to concerned Panchayat/local NGO, if any, from whom any suggestions/representations has been made received while processing the proposal. | Complied. Letter dated 09.01.2016 sent to the GPCB Regional Office, District Industries center and Collector's Office. The same is attached as Annexure 20 . | | | | | | | | | | | | | | | | | | |
| (vi) | The environmental safeguard contained in the EIA Report should be implemented in letter and spirit. | <p>Complied.</p> <ul style="list-style-type: none"> Summary of EMP Compliance is as below, and Detailed EMP Compliance is attached as Annexure-9. <table border="1" data-bbox="523 768 1516 1805"> <thead> <tr> <th data-bbox="523 768 584 846">N o.</th> <th data-bbox="584 768 815 846">Condition</th> <th data-bbox="815 768 1516 846">Compliance Status</th> </tr> </thead> <tbody> <tr> <td data-bbox="523 846 584 992">1.</td> <td data-bbox="584 846 815 992">Temporary storage for hazardous waste</td> <td data-bbox="815 846 1516 992">Complied. Temporary storage of hazardous waste for monsoon period has been provided.</td> </tr> <tr> <td data-bbox="523 992 584 1104">2.</td> <td data-bbox="584 992 815 1104">Loading and unloading of waste</td> <td data-bbox="815 992 1516 1104">Complied. Adequate facility and equipment for unloading of waste has been provided.</td> </tr> <tr> <td data-bbox="523 1104 584 1440">3.</td> <td data-bbox="584 1104 815 1440">Transportation of waste</td> <td data-bbox="815 1104 1516 1440">Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the Hazardous and other wastes (management and transboundary Movement) Rules, 2016. Total Approved 529 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.</td> </tr> <tr> <td data-bbox="523 1440 584 1585">4.</td> <td data-bbox="584 1440 815 1585">Monitoring activity</td> <td data-bbox="815 1440 1516 1585">Complied. We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis.</td> </tr> <tr> <td data-bbox="523 1585 584 1805">5.</td> <td data-bbox="584 1585 815 1805">Leachate management system</td> <td data-bbox="815 1585 1516 1805">Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed.</td> </tr> </tbody> </table> | N o. | Condition | Compliance Status | 1. | Temporary storage for hazardous waste | Complied. Temporary storage of hazardous waste for monsoon period has been provided. | 2. | Loading and unloading of waste | Complied. Adequate facility and equipment for unloading of waste has been provided. | 3. | Transportation of waste | Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the Hazardous and other wastes (management and transboundary Movement) Rules, 2016. Total Approved 529 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF. | 4. | Monitoring activity | Complied. We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis. | 5. | Leachate management system | Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed. |
| N o. | Condition | Compliance Status | | | | | | | | | | | | | | | | | | |
| 1. | Temporary storage for hazardous waste | Complied. Temporary storage of hazardous waste for monsoon period has been provided. | | | | | | | | | | | | | | | | | | |
| 2. | Loading and unloading of waste | Complied. Adequate facility and equipment for unloading of waste has been provided. | | | | | | | | | | | | | | | | | | |
| 3. | Transportation of waste | Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the Hazardous and other wastes (management and transboundary Movement) Rules, 2016. Total Approved 529 dedicated vehicles equipped with VLTS-GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF. | | | | | | | | | | | | | | | | | | |
| 4. | Monitoring activity | Complied. We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis. | | | | | | | | | | | | | | | | | | |
| 5. | Leachate management system | Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well is designed. | | | | | | | | | | | | | | | | | | |
| (vii) | A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries center and Collector's Office/Tehsildar's Office for 30 days. | Complied. Letter dated 09.01.2016 sent to the GPCB Regional Office, District Industries center and Collector's Office. The same is attached as Annexure 20 . | | | | | | | | | | | | | | | | | | |

| (viii) | The funds earmarked for Environmental protection measures shall be kept in separate account and shall be reported to this Ministry and its concerned Regional Office. | <p>Complied.</p> <p>A separate account (ESCROW) is maintained for environment protection and the cumulative amount till Sep'23 is 1951.10 Lac. These funds are not diverted for any other activity.</p> <p>Year wise expenditure on environmental protection is as below.</p> <table border="1" data-bbox="624 506 1497 801"> <thead> <tr> <th data-bbox="624 506 836 591">Year</th> <th data-bbox="836 506 1171 591">Capital Expense (Lacs)</th> <th data-bbox="1171 506 1497 591">Revenue Expense (Lacs)</th> </tr> </thead> <tbody> <tr> <td data-bbox="624 591 836 633">2018 - 2019</td> <td data-bbox="836 591 1171 633">185</td> <td data-bbox="1171 591 1497 633">43.44</td> </tr> <tr> <td data-bbox="624 633 836 676">2019 - 2020</td> <td data-bbox="836 633 1171 676">626.50</td> <td data-bbox="1171 633 1497 676">413.80</td> </tr> <tr> <td data-bbox="624 676 836 719">2020 - 2021</td> <td data-bbox="836 676 1171 719">644.07</td> <td data-bbox="1171 676 1497 719">429.82</td> </tr> <tr> <td data-bbox="624 719 836 761">2021 - 2022</td> <td data-bbox="836 719 1171 761">691.25</td> <td data-bbox="1171 719 1497 761">184.87</td> </tr> <tr> <td data-bbox="624 761 836 801">2022 - 2023</td> <td data-bbox="836 761 1171 801">1994.96</td> <td data-bbox="1171 761 1497 801">330.92</td> </tr> </tbody> </table> | Year | Capital Expense (Lacs) | Revenue Expense (Lacs) | 2018 - 2019 | 185 | 43.44 | 2019 - 2020 | 626.50 | 413.80 | 2020 - 2021 | 644.07 | 429.82 | 2021 - 2022 | 691.25 | 184.87 | 2022 - 2023 | 1994.96 | 330.92 |
|-------------|--|--|------|------------------------|------------------------|-------------|-----|-------|-------------|--------|--------|-------------|--------|--------|-------------|--------|--------|-------------|---------|--------|
| Year | Capital Expense (Lacs) | Revenue Expense (Lacs) | | | | | | | | | | | | | | | | | | |
| 2018 - 2019 | 185 | 43.44 | | | | | | | | | | | | | | | | | | |
| 2019 - 2020 | 626.50 | 413.80 | | | | | | | | | | | | | | | | | | |
| 2020 - 2021 | 644.07 | 429.82 | | | | | | | | | | | | | | | | | | |
| 2021 - 2022 | 691.25 | 184.87 | | | | | | | | | | | | | | | | | | |
| 2022 - 2023 | 1994.96 | 330.92 | | | | | | | | | | | | | | | | | | |
| 5. | The above stipulations would be forced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974 the Air (Prevention and Control of pollution) Act, 1981, the Environment (Protection) Act, 1986, The Public Liability (Insurance) Act, 1991 and Municipal Solid Wastes (Management and Handling Rules, 2000 including the amendments and rules made thereafter. | Noted. | | | | | | | | | | | | | | | | | | |
| 6. | All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities. | <p>Complied.</p> <p>Existing site is in notified GIDC area and already have applicable clearance/permissions from respective authority. Permission of Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. is not required as our existing site is already in notified GIDC area.</p> | | | | | | | | | | | | | | | | | | |
| 7. | The project proponent should advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental clearance and copies of clearance letters are available with the State Pollution Control Board and Man also be seen on the website of the Ministry of Environment, forest & Climate Change at http://www.envfor.nic.in . The advertisement should be made within seven days from the date of receipt of The Clearance Letter and a copy of the same Should be forwarded to the Regional Office of this Ministry at Bhopal. | <p>Complied.</p> <p>Advertisement Published in Times of India (English Language) and Divya Bhaskar (Gujarati Language). The Same has been informed to MoEF Regional Office Bhopal, MoEF New Delhi, CPCB Regional Office Vadodara and, GPCP Gandhinagar and GPCB regional Office Ankleshwar vide Letter # BEIL/ANK/EC/PH3 Dated 04.01.2016.</p> <p>Advertisement copies are attached as Annexure 21.</p> | | | | | | | | | | | | | | | | | | |

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| 8. | This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project. | Not Applicable. BEIL is located inside notified industrialestate. |
| 9. | Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green tribunal Act, 2010 | Not applicable. |
| 10. | Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website. | Complied. The EC Compliance has been uploaded on the Company Website. |
| 11. | A copy of the clearance letter shall be sent by the proponent to concern Panchayat, Zilla Parishad/ Municipal Corporation, Urban Local Body and the local NGO, if any from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent. | Complied. <ul style="list-style-type: none"> • We had marked the copy of the clearance letter to all the concerned dated 09.01.2016 and recorded. Same is attached as Annexure 20. • The Clearance Letter has been uploaded on the Company Website. |
| 12. | The proponent shall upload the status of the compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB. | Complied. The EC Compliance has been uploaded on the Company Website. |
| 13. | The Project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in Hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and The SPCB. | Complied. <ul style="list-style-type: none"> • We are submitting regularly six-monthly report for all ECs conditions to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB. • Last six- monthly EC compliance report for the period of Oct'22 – March'23 was submitted on 29.06.2023 |

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| 14. | The environmental statement for each financial year ending 31 st March in Form – V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective regional Office of MoEF&CC by e-mail. | Complied. <ul style="list-style-type: none"> • We are submitting Form –V (Environmental Statement) every financial year and it is displaying on website. • Last Form – V (period 2022 - 23) submitted is attached as Annexure 22. |
| 15. | This issues with the prior approval of the Competent Authority. | Noted. |

Compliance Status of Environmental Clearance EC# F. No. 10-10/2014-IA-111 for Enhancement of capacity of Existing phase III Landfill Facility at Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at plot No. 9601-9604, 10001-10003, G-7 & 8, 7924-7927, 9401-9412, 9501-9506, 7905 E to H adjoining Gujarat Industrial Development Corporation(GIDC) Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s BEIL Infrastructure Ltd. Dated 16.04.18

Environmental Clearance No. F. 10-10/2014-IA.III dated 16th April 2018.

The proposal for grant of Environmental clearance to the project “Enhancement of capacity of Existing phase III Landfill Facility at Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) at plot No. 9601-9604, 10001-10003, G-7 & 8, 7924-7927, 9401-9412, 9501-9506, 7905 E to H adjoining Gujarat Industrial Development Corporation (GIDC) Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s BEI Infrastructure Limited was considered by the Expert Appraisal Committee (infra-2) in its 24th meeting held on 30-31 October, 2017.

The details of the project as per the documents submitted by the project proponent, and also as informed during the above said meeting are under: -

| Sr. No. | Observation/Conditions as per Environmental Clearance No. F. 10-10/2014-IA.III dated 31 st December 2015. | Status of compliance of EC Conditions |
|---------|---|---------------------------------------|
| (i) | The proposal is for amendment of the Phase -III Environment Clearance and permit us enhancement of capacity from 11.58 lacs MT to 14.58 lacs MT a within the same disposal facility (CHWTSDF) | Noted. |
| (ii) | Environmental Clearance to the project was granted by MoEF&CC vide letter No. 10-10/2014-IA-III dated 21.12.2015. | Noted. |
| (iii) | BEIL Infrastructure Limited (BEIL) is operating Common Hazardous waste Treatment, Storage and Disposal Facility (CHWTSDF) consisting of secured landfill (SLF) (since 1997) and common Incineration System (since 2004) at GIDC Ankleshwar. This is the first common landfill facility developed in India, under the guidance of National Productivity Council, New Delhi and the German experts with them. | Noted. |
| (iv) | The CHWTSDF has been notified by Government of Gujarat. Phase-I of secured landfill facility, after disposal of 6 Lakhs MT of solid/Hazardous wastes, has been capped as per CPCB guidelines. Phase-II of secured landfill has been designed by IIT Delhi and is in operation (since 2007) having the capacity of 17 Lakhs MT. Till August 2015, approximately 15.5 Lakhs MT of solid/hazardous wastes has been disposed. The remaining capacity of 2 Lakhs MT is equivalent to approximately 1 years land filling at the current rate. BEIL, during its 18 years of operation, have collected and disposed of approximately 22 Lakhs MT of hazardous wastes in the secured landfill (SLF). Phase III of secured landfill (SLF) have been designed by IIT Delhi and is in under construction phase having the capacity of 11.58 Lakhs MT (assuming a density 1.5 Mg/m ³). | Noted. |

| (v) | Common Incineration System for treating organic waste was setup in 2004 with thermal capacity of 6.5million kcal/hour. BEIL have setup second incinerator in 2012 and in this system, waste heat is also recovered. The steam generated is used in the Multiple Effect Evaporation System (MEE). Solid Liquid/ other types of wastes are being treated in the Common Incineration system and so far, approximately 1.53 Lakhs MT waste has been incinerated. | Noted. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|--|---|-------|---------------------------|----------------------------------|----------|------|-----|--------|------|----|---------|------|---|---------|------|----|--------|------|----|--------|------|---|-------|-------|-----|-----|---------|--|
| (vi) | The present proposal is an expansion project to utilize the area of Phase III to enhance the existing capacity of secured landfill (SLF) (Phase III) from 11.58 Lakhs MT to 14.58 Lakhs MT Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF). Phase III Pit Area = 2.98 Acre (12084 sqm)Phase III Closure Area = 14.755 Acre (59731 sqm) & capital cost involve in installation of the project is 30 Lakhs. | Noted. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (vii) | GIDC Water permission for 610 KLD including domestic water consumption. No additional power is required. | <p>Noted and complied.</p> <p>After Amendment the Total Water Requirement is 743.4 KLD out of 26 KLD is for Domestic, 83 is for Gardening & 634.4 KLD is for industrial purpose which is fulfilled by the GIDC water and from minimum usage of ground water borewell. The water consumption is as below:</p> <table border="1" data-bbox="1102 1312 1497 1839"> <thead> <tr> <th>Month</th> <th>GIDC Water cons. (KL) (A)</th> <th>Tanker + Borewell cons. (KL) (B)</th> </tr> </thead> <tbody> <tr> <td>April'23</td> <td>3751</td> <td>207</td> </tr> <tr> <td>May'23</td> <td>3980</td> <td>10</td> </tr> <tr> <td>June'23</td> <td>3261</td> <td>9</td> </tr> <tr> <td>July'23</td> <td>3780</td> <td>14</td> </tr> <tr> <td>Aug'23</td> <td>3726</td> <td>28</td> </tr> <tr> <td>Sep'23</td> <td>4629</td> <td>5</td> </tr> <tr> <td>Total</td> <td>23108</td> <td>273</td> </tr> <tr> <td>Avg</td> <td colspan="2">128 KLD</td> </tr> </tbody> </table> | Month | GIDC Water cons. (KL) (A) | Tanker + Borewell cons. (KL) (B) | April'23 | 3751 | 207 | May'23 | 3980 | 10 | June'23 | 3261 | 9 | July'23 | 3780 | 14 | Aug'23 | 3726 | 28 | Sep'23 | 4629 | 5 | Total | 23108 | 273 | Avg | 128 KLD | |
| Month | GIDC Water cons. (KL) (A) | Tanker + Borewell cons. (KL) (B) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| April'23 | 3751 | 207 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May'23 | 3980 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| June'23 | 3261 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| July'23 | 3780 | 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aug'23 | 3726 | 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sep'23 | 4629 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 23108 | 273 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | 128 KLD | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (viii) | Supply source: Gujarat Electricity Board (GEB). In case of power failure, D.G. Set can be used (2 nos 975KVA capacity each) | Noted and complied. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (ix) | Project falls under Category "A" as it is an existing Integrated Common hazardous waste treatment, storage and disposal facilities (TSDFs). | Noted. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (x) | Leachate / Effluent from landfill will be treated in our Multiple Effect Evaporator (MEE) plant. Whenever MEE is not in operation, leachate will be sent to CETP of Enviro Technology Limited at Ankleshwar. | Noted and complied. | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|------|--|--|
| (xi) | Total 2,79,233.34 sqm land area is available at site; out of this area about 50514.29 sqm area is covered as greenbelt and otherforms of greenery. Total Rs.10 Lakhs shall be spent for green development within premises. | Complied. Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. Layout of green belt within the premises is attached as Annexure – 13 . Additionally, we have taken a land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as Annexure-13(A) . |
|------|--|--|

The EAC, in its meeting held on 30-31 October 2017 recommended to the amendment so as to include only the additional quantity of solid wastes handled without any other changes in the conditions of E.C. issued earlier. Based on the recommendations of EAC, the Ministry hereby accord the amendment to the EC letter F. No. 10-10/2014-IA-III dated 31.12.2015 for enhancement of capacity from 11.58 Lakhs MT to 14.58 Lakhs MT within the same disposal facility (CHWTSDF) and stipulated following additional condition: "The amendment is being granted only with relation to increased handling of Municipal solid wastes due to improved handling and compaction. Apart from this, the project proponents will not make any changes in the project nature, structure or configuration and limit themselves to activities for which the environmental clearance has been given earlier".

All the other conditions contained in the MoEF&CC letter F. No. 10-10/2014-IA-III dated 31.12.2015 remains the same.

The Corrigendum for point 4 was received on 18th October 2018 and the corrected statement is

"The amendment is being granted only with relation to increased handling of Hazardous wastes due to improved handling and compaction. Apart from this, the project proponents will not make any changes in the project nature, structure or configuration and limit themselves to activities for which the environmental clearance has been given earlier".

Compliance Status of Environmental clearance for expansion of secured landfill (PhaseIV) of Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility(TSDF) at Ankleshwar by M/s BEIL Infrastructure Limited

Environmental Clearance No. 10-25/2019-IA-III dated 15th October 2020

Note: Change of name in EC letter No. 10-25/2019-IA-III dated 15.10.20 from M/s. Bharuch Enviro Infrastructure Limited to M/s BEIL Infrastructure Limited was received vide letter F. No. 21-48/2021-IA-III dated 17.06.21.

Environmental Clearance F. No. 21-48/2021-IA-III dated 17th June 2021

F. No. 21-48/2021-IA-III
Government of India
Ministry of Environment, Forest and Climate Change
(IA.III Section)
Indira Paryavaran Bhawan,
Jor Bagh Road, New Delhi - 110003

June 17th, 2021

To,

Shri. B.D. Dalwadi
M/s BEIL INFRASTRUCTURE LTD
Plot No.9701-16, GIDC Estate, P.B.No. 82
Ankleshwar-393002
Email: dalwadibd@bell.co.in

Subject: Proposed expansion of secured landfill (Phase IV) of Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) at Plot Number 9701-16, 9801-28, 9901-06, 9923-28, 9601-04, 10001 - 10003, G7 & 8, 7924 - 7927, 9401 - 12, 9501-06, 7905/E-7905/H, GIDC Ankleshwar, proposed by M/s. BEIL Infrastructure Ltd.- Change of name in the Environmental Clearance -reg.

Sir,

This has reference to your online application/proposal No. IA/GJ/MIS/206351/2021 dated 27.03.2021 through Parivesh Portal regarding Change of name in the EC to the above mentioned project from M/s. Bharuch Enviro Infrastructure Limited to M/s BEIL Infrastructure Limited.

2. The Ministry had earlier issued EC to the project for Expansion of secured landfill (Phase IV) of Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) at Plot number 9701-9716, GIDC Ankleshwar.

3. M/s BEIL Infrastructure Limited has informed that they have changed their name from M/s. Bharuch Enviro Infrastructure Limited to M/s BEIL Infrastructure Limited.

4. M/s BEIL Infrastructure Limited has submitted a copy of undertaking/NOC as signed by the authorized signatory to abide by the terms and conditions stipulated in the EC granted vide letter No. 10-25/2019-IA.III dated 15.10.2020 issued by the Ministry of Environment, Forest and Climate Change to the M/s. Bharuch Enviro Infrastructure Limited.

5. As per the relevant provisions of the EIA Notification 2006, the EC to the Proposed expansion of secured landfill (Phase IV) of Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) at Plot number 9701-9716, GIDC Ankleshwar granted by the Ministry of



| Sr. No. | Observation/Conditions as per Environmental Clearance No. 10-25/2019-IA-III dated 15 th October, 2020 | Compliance | | | | | | | | |
|--|---|---|-------------------------------|---------------------------|--|--|--|--------|--|--|
| 2 | The project was considered by the Expert Appraisal Committee (Infra-2) in its 51 st meeting held during 21-22 May, 2020 and thereafter in its 54 th meeting held during 27-28 August, 2020. The details of the project, as per the documents submitted by the project proponent, and also as informed during the above meeting are as under: | | | | | | | | | |
| i. | M/s Bharuch Enviro Infrastructure Limited (BEIL) pioneer in Treatment, Storage and Disposal of Hazardous waste is operating an Integrated TSDF at Ankleshwar with two Common Incineration Systems having thermal capacity of 6.5 million kcal/hour. The existing capacity of Landfill at Integrated TSDF site and their status are: Phase I: 6,000,00 MT —Completed & Capped Phase II: 17,00,000 MT completed. Phase III was developed between Phases I and II, having capacity 11.58 Lacs MT is Operational | Noted. | | | | | | | | |
| ii. | The Environmental Clearance for enhancement incapacity from 11.58 Lacs MT to 14.58 Lacs MT was issued vide letter F. No. 10-10/2014- IA- 111, dated 16.04.2018. | Noted. | | | | | | | | |
| iii. | The proposed Phase IV landfill development comprises of optimization of the landfill capacity of the entire site to add 8,90,000 M3 space to accommodate 13,40,000 MT of hazardous waste (waste density 1.5 Mg/m ³) The objective of proposed expansion is to have continued operation of TSDF. The Phase-I and Phase-II sites has been completed and Phase-III is nearing completion. The total remaining capacity is approximately 8,30,000 tones, equivalent to about 3 years landfill operations. Till September 2019, an amount of 31,049,29.65 MT waste has been disposed at the site. | Noted. | | | | | | | | |
| iv. | <p>The feasibility report has identified a proposed scheme to extend the life of the hazardous waste landfill at Ankleshwar for an additional approximately 5.5 years. The additional landfill capacity would comprise an extension to the existing landfill, at four locations around the perimeter. Engineering solutions have been identified to deliver the proposed Phase IV landfill extension. Area and classification of land is as under:</p> <table border="1" data-bbox="165 1375 1289 1686"> <thead> <tr> <th data-bbox="165 1375 550 1413">Phase II</th> <th data-bbox="555 1375 930 1413">Phase III</th> <th data-bbox="935 1375 1289 1413">Phase IV</th> </tr> </thead> <tbody> <tr> <td data-bbox="165 1420 550 1686">Total Site Area = 69 acre. (2,79,233.33 Sq. Meters) = 27.92 ha</td> <td data-bbox="555 1420 930 1686">Total Site Area = 69 acres (2,79,233.33 Sq. Meters) Phase III Pit Area = 2.98 Acre (12084 Sq. Meters) Phase III Closure Area = 14.755 Acre (59731 Sq. Meters).</td> <td data-bbox="935 1420 1289 1686">Available space: 8,90,000 m³</td> </tr> </tbody> </table> | Phase II | Phase III | Phase IV | Total Site Area = 69 acre. (2,79,233.33 Sq. Meters) = 27.92 ha | Total Site Area = 69 acres (2,79,233.33 Sq. Meters) Phase III Pit Area = 2.98 Acre (12084 Sq. Meters) Phase III Closure Area = 14.755 Acre (59731 Sq. Meters). | Available space: 8,90,000 m ³ | Noted. | | |
| Phase II | Phase III | Phase IV | | | | | | | | |
| Total Site Area = 69 acre. (2,79,233.33 Sq. Meters) = 27.92 ha | Total Site Area = 69 acres (2,79,233.33 Sq. Meters) Phase III Pit Area = 2.98 Acre (12084 Sq. Meters) Phase III Closure Area = 14.755 Acre (59731 Sq. Meters). | Available space: 8,90,000 m ³ | | | | | | | | |
| v. | Permission for total water consumption of 657 KLD for existing facility including for domestic purpose (27 KLD) is already available from Gujarat Industrial Development Corporation (GIDC) supply. No additional water will be required, since; proposed capacity expansion will be the continued operation of secured land filling for disposal of hazardous waste. | <p>Noted and complied.</p> <p>After Amendment the Total Water Requirement is 743.4 KLD out of 26 KLD is for Domestic, 83 is for Gardening & 634.4 KLD is for industrial purpose which is fulfilled by the GIDC water and from minimum usage of ground water borewell. The water consumption is as below:</p> <table border="1" data-bbox="857 1984 1544 2168"> <thead> <tr> <th data-bbox="857 1984 1027 2022">Month</th> <th data-bbox="1032 1984 1155 2168">GIDC Water cons. (KL) (A)</th> <th data-bbox="1160 1984 1310 2168">Tanker+ Borewell cons. (KL) (B)</th> <th data-bbox="1315 1984 1544 2168">Total water cons. (A+ B) (KL)</th> </tr> </thead> <tbody> <tr> <td data-bbox="857 2029 1027 2168"></td> <td data-bbox="1032 2029 1155 2168"></td> <td data-bbox="1160 2029 1310 2168"></td> <td data-bbox="1315 2029 1544 2168"></td> </tr> </tbody> </table> | Month | GIDC Water cons. (KL) (A) | Tanker+ Borewell cons. (KL) (B) | Total water cons. (A+ B) (KL) | | | | |
| Month | GIDC Water cons. (KL) (A) | Tanker+ Borewell cons. (KL) (B) | Total water cons. (A+ B) (KL) | | | | | | | |
| | | | | | | | | | | |

| | | | | | |
|-------|---|--|---------|-----|-------|
| | | April'23 | 3751 | 207 | 3958 |
| | | May'23 | 3980 | 10 | 3980 |
| | | June'23 | 3261 | 9 | 3261 |
| | | July'23 | 3780 | 14 | 3794 |
| | | Aug'23 | 3726 | 28 | 3754 |
| | | Sep'23 | 4629 | 5 | 4634 |
| | | Total | 23108 | 273 | 23381 |
| | | Avg | 128 KLD | | |
| vi. | No additional power is required. The existing source of electricity is Dakshin Gujarat Vij Company Limited (DGVCL). In case of power failure, existing two D.G. Sets of 975 KVA each and 1 DG set of 600 KVA capacity shall be used. | Complied. <ul style="list-style-type: none"> No additional power was required during phase IV project. And during power failure D.G. Set is being used (2×975 kVA capacity each) & and also being used DG Set (500 KVA). | | | |
| vii. | Project requires appraisal as Category "A" as the project lies in the Critically Polluted Area, as per the MoEF&CC Office Memorandum J-11013/5/2010/1A- II (I) dated 25th November 2016. The moratorium has been lifted in Ankleshwar. Integrated TSDF is listed under Projects of activity at Sr No 7 (d) as per EIA Notification dated 14th September 2006 and its subsequent amendments. | Noted. | | | |
| viii. | Leachate / Effluent from landfill will be treated in the existing Multiple Effect Evaporator (MEE) plant. Whenever MEE is not in operation, leachate will be sent to CETP of Enviro Technology Limited at Ankleshwar. | Complied. The leachate generated from phase IV leachate wells is treated in MEE. | | | |
| ix. | Green belt is developed in area measuring total 41,000.82 sqm all along the plant area. Additionally, after the closure and capping of Secured Landfill landscaped area is developed as green area. This practice will also be undertaken for the SLF to be capped. | Complied. Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. Layout of green belt within the premises is attached as Annexure – 13 . Additionally, we have taken a land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as Annexure-13(A) . | | | |
| x. | Terms of Reference (ToR) for the proposed expansion (Phase-IV) was granted by MoEF & CC vide Letter F.No. 10-25/2019-IA-III dated 17.05.2019. | Noted. | | | |
| xi. | Earlier, Public Hearing was exempted as the project site is located in the GIDC Notified industrial area, Gujarat. | Noted. | | | |
| xii. | Investment/Cost of the project is Rs. 50.58 Crores. | Noted. | | | |

| | | |
|-------|---|--------|
| xiii. | Benefits of the Project: Continuing the operation of TSDF for scientific disposal of hazardous waste in secured landfill will be a positive environmental impact and sustainable development. | Noted. |
| xiv. | Employment Potential: Long term employment opportunity for the local people as well as migrants from nearby areas. | Noted. |
| 3. | The project/activity is covered under category 'B' of item 7 (d) 'Common hazardous waste treatment, storage and disposal facilities (TSDFs)' of the Schedule to the EIA Notification, 2006 and its subsequent amendments, and requires appraisal at SEAC level. However, due to applicability of General Condition i.e. Project is located in Ankleshwar, one of Critically Polluted Areas; the proposal is appraised at Central Level by Sectoral EAC. The moratorium has been lifted in Ankleshwar. | Noted. |
| 4. | The EAC also noted that the proposal is for capacity enhancement of Secured Landfill to utilize available space of 8,90,000 m ³ to accommodate 13,40,000 MT of hazardous waste over a period of 5.5 years @ disposal rate of approximately 2,40,000 tones/year for Treatment, Storage and Disposal of Hazardous waste as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016. The baseline study was carried out during 16.10.19 - 15.01.2020. The EAC also deliberated on the certified compliance report provided by the MoEF & CC's Regional Office (WZ), Bhopal vide letter No. 5-28/2008(ENV)/185 dated 02.03.2020 and asked the project proponent to submit additional information. Project Proponent submitted the additional information on Ministry's website on 29.07.2020. Subsequently the proposal was considered the EAC in its 54th meeting held during 27-28 August 2020. The EAC also took note point wise reply submitted by Project Proponent towards observations of the EAC. | Noted. |
| 5 | The EAC, based on the information submitted and clarifications provided by Project Proponent and detailed discussions held on all the issues, recommended the project for grant of environmental clearance with stipulated specific conditions along with other Standard EC Conditions as specified by the Ministry vide OM dated 4th January 2019 for the said project/activity, while considering for accord of environmental clearance. | Noted. |
| 6 | As per recommendations of EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance for the proposed expansion (implementation of Phase-IV) of existing the facility subject to the following specific and general condition. | Noted. |

A. Specific Conditions:

| | | |
|-----|--|-----------|
| i. | The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes as applicable to the project. | Noted. |
| ii. | All possible measures shall be adopted for odor control. Odor shall be controlled by providing proper ventilation in the site, spraying ecocar (organic and biodegradable chemical) around odor generation areas at regular intervals and by developing greenbelt with odor control species. | Complied. |

| iii. | Existing water consumption is 657 KL/day. No additional water will be required for proposed expansion. Water is being supplied by GIDC Ankleshwar. No ground water shall be extracted for proposed facility. | <p>Noted and complied.</p> <ul style="list-style-type: none"> After Amendment the Total Water Requirement is 743.4 KLD out of 26 KLD is for Domestic, 83 is for Gardening & 634.4 KLD is for industrial purpose which is fulfilled by the GIDC water and from minimum usage of ground water borewell. As per EC F. 10-10/2014-IA-III dated. 31.12.15 specific condition point (X) we have received NOC No. CGWA/NOC/IND/ORIG/2021/10974 dated 10.02.21 from CGWA to utilize ground water. The water consumption is as below: <table border="1" data-bbox="480 589 1485 974"> <thead> <tr> <th>Month</th> <th>GIDC Water cons. (KL) (A)</th> <th>Tanker+ Borewell cons. (KL) (B)</th> <th>Total water cons. (A+ B) (KL)</th> </tr> </thead> <tbody> <tr> <td>April'23</td> <td>3751</td> <td>207</td> <td>3958</td> </tr> <tr> <td>May'23</td> <td>3980</td> <td>10</td> <td>3980</td> </tr> <tr> <td>June'23</td> <td>3261</td> <td>9</td> <td>3261</td> </tr> <tr> <td>July'23</td> <td>3780</td> <td>14</td> <td>3794</td> </tr> <tr> <td>Aug'23</td> <td>3726</td> <td>28</td> <td>3754</td> </tr> <tr> <td>Sep'23</td> <td>4629</td> <td>5</td> <td>4634</td> </tr> <tr> <td>Total</td> <td>23108</td> <td>273</td> <td>23381</td> </tr> <tr> <td>Avg</td> <td colspan="3">128 KLD</td> </tr> </tbody> </table> | Month | GIDC Water cons. (KL) (A) | Tanker+ Borewell cons. (KL) (B) | Total water cons. (A+ B) (KL) | April'23 | 3751 | 207 | 3958 | May'23 | 3980 | 10 | 3980 | June'23 | 3261 | 9 | 3261 | July'23 | 3780 | 14 | 3794 | Aug'23 | 3726 | 28 | 3754 | Sep'23 | 4629 | 5 | 4634 | Total | 23108 | 273 | 23381 | Avg | 128 KLD | | |
|----------|--|--|-------------------------------|---------------------------|---------------------------------|-------------------------------|----------|------|-----|------|--------|------|----|------|---------|------|---|------|---------|------|----|------|--------|------|----|------|--------|------|---|------|-------|-------|-----|-------|-----|---------|--|--|
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| April'23 | 3751 | 207 | 3958 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May'23 | 3980 | 10 | 3980 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| June'23 | 3261 | 9 | 3261 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| July'23 | 3780 | 14 | 3794 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sep'23 | 4629 | 5 | 4634 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 23108 | 273 | 23381 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg | 128 KLD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| iv. | Total 396.5 KLD of wastewater will be generated from existing as well as from proposed facility form Leachate of landfill and effluent from various sources like scrubber, washings from lab, drum washing, and cooling water blow down. It shall be treated in existing Multiple Effect Evaporator (MEE) plant. CETP facility shall only be used whenever entire MEE plant is put in maintenance as per SOP. | <p>Noted and complied.</p> <ul style="list-style-type: none"> After Amendment the Total wastewater generation is 470.5 KLD out of 26 KLD is from Domestic & 444.5 KLD is from industrial purpose which is treated/reused in STP/ quencher/MEE/ETP or sent to ETL. Leachate, Condensate Generation data are as below: <table border="1" data-bbox="863 1335 1538 1787"> <thead> <tr> <th>Month</th> <th>Leachate (Treated in MEE) (KL)</th> <th>Condensate (Sent to ETL/treater in ETP)</th> </tr> </thead> <tbody> <tr> <td>April'23</td> <td>1782</td> <td>2945</td> </tr> <tr> <td>May'23</td> <td>1839</td> <td>3379</td> </tr> <tr> <td>June'23</td> <td>1817</td> <td>2891</td> </tr> <tr> <td>July'23</td> <td>1916</td> <td>3711</td> </tr> <tr> <td>Aug'23</td> <td>1916</td> <td>3440</td> </tr> <tr> <td>Sep'23</td> <td>1854</td> <td>3557</td> </tr> <tr> <td>Total</td> <td>11124</td> <td>19923</td> </tr> <tr> <td>Avg (KLD)</td> <td>61.12</td> <td>109.46</td> </tr> </tbody> </table> | Month | Leachate (Treated in MEE) (KL) | Condensate (Sent to ETL/treater in ETP) | April'23 | 1782 | 2945 | May'23 | 1839 | 3379 | June'23 | 1817 | 2891 | July'23 | 1916 | 3711 | Aug'23 | 1916 | 3440 | Sep'23 | 1854 | 3557 | Total | 11124 | 19923 | Avg (KLD) | 61.12 | 109.46 |
|-----------|---|---|-------|--------------------------------|---|----------|------|------|--------|------|------|---------|------|------|---------|------|------|--------|------|------|--------|------|------|-------|-------|-------|-----------|-------|--------|
| Month | Leachate (Treated in MEE) (KL) | Condensate (Sent to ETL/treater in ETP) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| April'23 | 1782 | 2945 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| May'23 | 1839 | 3379 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| June'23 | 1817 | 2891 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| July'23 | 1916 | 3711 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aug'23 | 1916 | 3440 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sep'23 | 1854 | 3557 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 11124 | 19923 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Avg (KLD) | 61.12 | 109.46 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|-------|--|--|
| v. | As proposed total greenbelt at 36.14% (14.68% existing + 21.46% capped SLF area) of total plot area shall be maintained. | Complied. Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. Layout of green belt within the premises is attached as Annexure – 13. Additionally, we have taken a land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as Annexure-13(A). |
| vi. | The landfill operating area should be kept covered during monsoon period. During monsoon period, waste shall be collected and temporally stored in the covered storage provided at site. | Complied. At landfill site, during monsoon season the waste is stored in temporary storage shed and operational landfill site is covered with tarpaulin to prevent the seepage of rainwater. |
| vii. | Periodic inspection and routine maintenance at closed landfill site shall be carried out for a period, as proposed i.e. 30 years of closure. A maintenance schedule is to be drawn up in consultation with concerned SPCB. Such schedule should cover, inter-alia, cover system, detection of rupture/ faults, surface water drainage system etc. | Noted and shall be complied. |
| viii. | The Project proponent should ensure that the facility fulfils all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016 & the Protocol for 'Performance valuation and Monitoring for the same as published by the CPCB and Bio-Medical Waste Management Rules, 2016 and the revised guidelines issued by CPCB for Common Bio- Medical Waste Treatment and Disposal Facility. Tracking system for movement of Hazardous Waste from generator to the facility site shall be put in place. | Noted. |
| ix. | The project proponents shall adhere to all conditions as prescribed in the Protocol for 'Performance Evaluation and Monitoring of the Common Hazardous Waste Treatment, Storage and Disposal Facilities' published by the CPCB. | Noted. |
| x. | Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the ground water quality in consultation with the State Pollution Control Board / CPCB. Periodical ground water/soil monitoring to check the contamination in and around the site shall be carried out. | Complied. <ul style="list-style-type: none"> • We have 12 monitoring wells installed in existing site. • We carry out ground water and soil monitoring once in a Month externally in and around the site to check the contamination, the results of which are attached as Annexure 5 and Annexure 12. And the average results are attached as Annexure 7. |

| xi. | Trend analysis of ground water quality shall be carried out each season and information shall be submitted to the SPCB and the Regional Office of MoEF&CC. | <p>Complied.</p> <ul style="list-style-type: none"> The trend analysis of ground water quality for April'23 to Sep'23 is attached as Annexure-5(A). Moreover, we have carried out trend analysis of ground water results through NPC New Delhi. Report submitted. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|--|---|----------------|------------|---------------|--------------|---------|---------------------------|-------------|-----------|------------------------|--------|--------|---|--------|----------|---------|------------------------|-------------|----------|------------------------|--------|--------|------------------------|--------|----------|---------------------------|-------------|-----------|--|--|-------|-----------|
| xii. | Ambient air quality monitoring shall be carried out in and around the landfill site at up wind and downwind locations. On-line real time continuous monitoring facilities shall be provided as per the CPCB or State Board Directions. | <p>Complied.</p> <ul style="list-style-type: none"> We are carrying out Ambient Air quality Monitoring in and around the premises covering upwind and downwind directions. CAAQMS system is also installed at site. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| xiii. | As proposed, onsite and off-site disaster management plan shall be operationalized in consultation with district level authority in order to minimize the hazards to human health or environment from fires, explosion or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil or surface water. | <p>Complied.</p> <p>BEIL has prepared on site Emergency plan, and it is updated annually. Onsite emergency plan is including points like hazard identification and risk analysis, organization setup, communication system, action on site, link with offsite emergency plan, training rehearsals and record aspects, offsite effects of any emergency, the duties and functions to control any emergency etc. Mock drills are also being conducted.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| xiv. | As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 01.05.2018, and as proposed, a fund of Rs. 0.8257 Crores shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as Solar lights in adjacent villages, Construction of Toilets under Swatch Bharat Abhiyan, Construction of Water harvesting structures etc. The activities proposed under CER shall be restricted to the affected area around the project. The entire activities proposed under the CER shall be treated as project and shall be monitored. The monitoring report shall be submitted to the regional office as a part of half yearly compliance report, and to the District Collector. It should be posted on the website of the project proponent. | <p>Complied.</p> <table border="1" data-bbox="847 1220 1533 1937"> <thead> <tr> <th>Financial Year</th> <th>Activities</th> <th>Affected Area</th> <th>Amount (Rs.)</th> </tr> </thead> <tbody> <tr> <td rowspan="3">2020-21</td> <td>Amount spent on Education</td> <td>Anklesh war</td> <td>25,00,000</td> </tr> <tr> <td>Amount spent on Health</td> <td>Jitali</td> <td>51,012</td> </tr> <tr> <td>Amount spent on solid waste mgt. projects</td> <td>Dadhal</td> <td>1,32,000</td> </tr> <tr> <td rowspan="4">2021-22</td> <td>Amount spent on Health</td> <td>Anklesh war</td> <td>5,60,000</td> </tr> <tr> <td>Amount spent on Health</td> <td>Jitali</td> <td>41,862</td> </tr> <tr> <td>Amount spent on Health</td> <td>Jitali</td> <td>9,04,000</td> </tr> <tr> <td>Amount spent on Education</td> <td>Anklesh war</td> <td>50,00,000</td> </tr> <tr> <td></td> <td></td> <td>Total</td> <td>91,88,874</td> </tr> </tbody> </table> | Financial Year | Activities | Affected Area | Amount (Rs.) | 2020-21 | Amount spent on Education | Anklesh war | 25,00,000 | Amount spent on Health | Jitali | 51,012 | Amount spent on solid waste mgt. projects | Dadhal | 1,32,000 | 2021-22 | Amount spent on Health | Anklesh war | 5,60,000 | Amount spent on Health | Jitali | 41,862 | Amount spent on Health | Jitali | 9,04,000 | Amount spent on Education | Anklesh war | 50,00,000 | | | Total | 91,88,874 |
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| | | Total | 91,88,874 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

B. Standard Condition:

| I. Statutory Compliance: | | |
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| i. | The Project proponent should ensure that the TSDF fulfils all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016. | Noted. |
| ii. | Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator. | Complied. Incinerator is designed as per the CPCB guidelines. We have WHRB attached to our Incinerator plant from which we are using the steam generated in our MEE plants. |
| iii. | A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained. | Complied. Certificate is attached as Annexure-26 . |
| iv. | All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, and Civil Aviation Department shall be obtained, as applicable by project proponents from the respective competent authorities. | Complied. <ul style="list-style-type: none">Existing site is in notified GIDC area and already have applicable clearance/ permissions from respective authority.Permission from Civil Aviation Department etc.is not required as our existing site is already in notified GIDC area. |
| I. Air quality monitoring and preservation: | | |
| 1. | The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. | Complied. <ul style="list-style-type: none">Online stack monitoring system (CEMS) has been installed, the results of which are transmitted to GPCB/CPCB.Calibration is done regularly. |
| 2. | The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986. | Complied. The results are attached as Annexure-4 (A) . |
| 3. | The project proponent shall install system to carry out Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g., PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions. | Complied. <ul style="list-style-type: none">For ambient air monitoring we are having 4 Monitoring stations.3 stations are at angle of 120 and one station is at plant area. |
| 4. | Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions. | Complied. |

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| 5. | The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report. | Complied. The continuous monitoring stack emission and air quality monitoring are attached as CEMS SPD results as Annexure – 27 & CEMS Incineration results as Annexure – 28 and manual results are submitted in protocol (quarterly) and in EC compliance (Half yearly). |
| 6. | Appropriate Air Pollution Control (As proposed, air pollution control device viz. gas quencher; treatment with mixture of hydrated lime and activated powder for adsorption of partial acidity and VOCs (if any); bag filter/ESP for removal of particulate matter; venturi scrubber followed by packed bed scrubber with caustic circulation to neutralize the acidic vapors in flue gas; and demister column for arresting water carry over will be provided to the incinerator) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards. | Complied. We have provided appropriate air pollution control system in our existing plant. |
| 7. | The periodical monitoring of Dioxins and Furans in the Stack emissions shall be carried out. Analysis of Dioxins and Furans shall be done through CSIR- National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram or equivalent NABL Accredited laboratory. | Complied. We are monitoring Dioxins and Furans in the Stacks emissions quarterly. We are attaching herewith a report as Annexure-6(A) . |
| 8. | Gas generated in the Land fill should be properly collected, monitored and flared | Complied. We are monitoring the vents provided at the closed portion of the landfill every month and the concentrations of hydrocarbons are negligible. The results are attached as Annexure-18 . |
| 9. | A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 02 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 02 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments. | Noted. GIDC have provided wide roads in the estate and there is no traffic congestion. |

II. Water Quality monitoring and preservation:

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| 1. | The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report. | Not Applicable. We are not discharging any effluent. |
| 2. | No discharge in nearby river(s)/pond(s). | Complied |
| 3. | The depth of the land fill site shall be decided based on the ground water table at the site. | Complied. The landfill is being developed as per CPCB criteria & approved drawings before starting the construction work of cell. Depth of the water table for existing site is around 30 meters, and we have gone up to 7 meters below the surface level. Hence, fulfilling the criteria of CPCB guidelines. |
| 4. | The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals. | Complied. |
| 5. | All leachates arising from premises should be collected and treated in the ETP followed by RO. RO rejects shall be evaporated in MEE. Toxicity Characteristic Leaching Procedure (TCLP) test to be performed on leachates. | complied. We are treating leachate in MEE. We have received CC&A (AH-126200) for ETP (MAP+ RO) capacity of 150 KLD for treatment of condensate. TCLP test is performed. |
| 6. | The Company shall review the unit operations provided for the treatment of effluents, especially the sequencing of MEE after tertiary treatment, the source of permeate when no R.O. is recommended and the treatment of MEE condensate. The scheme for treatment of effluents shall be as permitted by the Pollution Control Board/Committee under the provisions of consent to establish. | Complied. We are ZLD unit. We have received CC&A for the installation of 150 KLPD ETP for treatment of MEE condensate water, dated: 22.08.2023. |
| 7. | Scrubber water, leachate water or wheel wash effluent shall be treated in the effluent treatment plant followed by RO to achieve zero liquid discharge. | Complied. We are treating Scrubber water, leachate water or wheel wash effluent in MEE. We have received CC&A (AH-126200) for ETP (MAP+ RO) capacity of 150 KLD for treatment of condensate to achieve ZLD. |
| 8. | Rainwater runoff from hazardous waste storage area shall be collected and treated in the effluent treatment plant | Complied. |
| III. Noise Monitoring prevention: | | |
| 1. | Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six- monthly compliance report | Complied. We are carrying out regular monitoring. Company is also carrying out monitoring through third party of noise level etc. as per norms laid down by CPCB. |
| 2. | The ambient noise levels should conform to the standards prescribed under E (P) A Rules, 1986 viz. 75 dB (A) during daytime and 70 dB (A) during nighttime. | Noted and complied. |

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| 3. | Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources. | Noted and complied. |
| IV. Energy Conservation measures: | | |
| 1. | Energy conservation measures like installation of LED/CFLs TTFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning. | Complied. |
| V. Waste Management: | | |
| 1. | The TSDF should only handle the waste generated from the member units. | Noted and complied. |
| 2. | Periodical soil monitoring to check the contamination in and around the site shall be carried out. | Complied. We carry out soil monitoring once in a Month externally, the results is Annexure 12. |
| 3. | The Project proponent shall not store the Hazardous Wastes more than the quantity that has been permitted by the CPCB/SPCB. | Noted. |
| 4. | The solid wastes shall be segregated, managed and disposed as per the norms of the Solid Waste Management Rules, 2016. | Not Applicable. |
| 5. | A certificate from the competent authority handling municipal solid wastes should be obtained, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project. | Not Applicable. |
| 6. | Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016. | Noted and shall be complied. |
| VI. Green Belt | | |
| 1. | Green belt shall be developed in an area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of the project site. | Complied. Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. Layout of green belt within the premises is attached as Annexure 13. Additionally, we have taken a land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as Annexure-13(A). |
| 2. | Topsoil shall be separately stored and used in the development of green belt. | Complied. |
| VII. Public hearing and Human health issues: | | |

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| 1. | Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented. | Complied. BEIL has prepared on site Emergency plan, and it is updated annually. Onsite emergency plan is including points like hazard identification and risk analysis, organization setup, communication system, action on site, link with offsite emergency plan, training rehearsals and record aspects, offsite effects of any emergency, the duties and functions to control any emergency etc. Mock drills are also being conducted. On-site Emergency Plan submitted to DISH inward letter copy is attached as Annexure 10. |
| 2. | Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. | Not Applicable. |
| 3. | Occupational health surveillance of the workers shall be done on a regular basis. | Complied. We are checking hemoglobin of every employee quarterly and full body check-up once in a year. |

VIII. Corporate Environment Responsibility:

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| 1. | The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/ deviation/ violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements/deviation /violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report. | Noted and shall be complied. |
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| 2. | A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization. | <p>Complied.</p> <ul style="list-style-type: none"> Company have separate Environmental Management cell. Vice president (VP) – Operation, Environmental lab head, are directly reporting to Chief executive officer / Director. Details of the persons engaged in the Environment cell are as below: Mr. Manoj Patel: VP– Operation (BE Civil) Ms. Rakshita Vyas: –DGM-Environment (PGD-Environment) Mr. Satish Gaddam: Head, Environment Laboratory Bhoomi Tambedia: Executive- Environment (ME -Environment) Foram Patel: Officer- Environment (ME-Environment) Krishna Ichhapuria: Officer- Environment (BE Environment) Khushboo Patel: Trainee-Environment (BE Environment) <ul style="list-style-type: none"> Corporate Environment Cell: Mr. B.D. Dalwadi - CEO - (BE – Chemical) Dr. P N Parameswaran: Advisor – Environment |
| 3. | Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report. | <p>Complied.</p> <ul style="list-style-type: none"> EMP Compliance is attached as Annexure – 9. A separate account (Escrow account) is maintained for environment protection. These funds are not diverted for any other activity. The details are submitted quarterly. |
| 4. | Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out. | <p>Complied.</p> <ul style="list-style-type: none"> Environment Audit is done every year by third party half yearly basis and same is submitted to State pollution control board (GPCB). |
| IX. Miscellaneous: | | |
| i. | The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently. | <p>Complied.</p> <p>Advertisement Published in Times of India (English Language) and Divya Bhaskar (Gujarati Language). The Same has been informed to MoEF&CC Regional Office Bhopal, GPCP Gandhinagar and GPCB regional Office Ankleshwar vide Letter # BEIL/ANK/2020-21/47 Dated 19.11.20 and the same as attached as Annexure – 24.</p> |

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| ii. | The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the government who in turn has to display the same for 30 days from the date of receipt. | Complied. We had marked the copy of the clearance letter to all the concerned authorities. Same is attached as Annexure – 25 . |
| iii. | The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis. | Complied. |
| iv. | The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest, and Climate Change at environment clearance portal. | Complied. |
| v. | The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company. | Complied. |
| vi. | The criteria pollutant levels namely, PM _{2.5} PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain. | Complied. we have digital display board at front of our main entry gate which displays all required data and monitoring parameters. |
| vii. | The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project. | Complied. The SPCB is informed time to time about the status of project. |
| viii. | The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government. | Noted. |
| ix. | The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and that during their presentation to the Expert Appraisal Committee. | Noted. |
| x. | No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC). | Noted. |
| xi. | Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986. | Noted. |
| xii. | The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory. | Noted. |

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| xiii. | The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions. | Noted. |
| xiv. | The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data / information/monitoring reports. | Noted and shall be complied. |
| xv. | The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air(Prevention & Control of Pollution) Act, 1981,the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India /High Courts/NGT and any other Court of Law relating to the subject matter. | Noted. |
| xvi. | Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010. | Noted. |
| 7 | The Environmental Clearance is granted to M/s. Bharuch Enviro Infrastructure Limited for expansion; namely, to develop additional capacity (13,40,000 MT) of secured landfill (Phase IV) of Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) in the space of 8,90,000 m ³ at plot number 9701-9716, GIDC Ankleshwar. | Noted. |
| 8 | This issues with the approval of the Competent Authority. | Noted. |

Annexure-1

Compliance hazardous waste and other waste (management and Transboundary movement) rules 2016 are as under:

| 16. Treatment, storage and disposal facility for hazardous and other wastes | | |
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| Sr. | Rule | Status |
| 1 | The State Government, occupier, operator of a facility or any association of occupiers shall individually or jointly or severally be responsible for identification of sites for establishing the facility for treatment, storage and disposal of the hazardous and other waste in the State. | Noted. |
| 2 | The operator of common facility or occupier of a captive facility, shall design and set up the treatment, storage and disposal facility as per technical guidelines issued by the Central Pollution Control Board in this regard from time to time and shall obtain approval from the State Pollution Control Board for design and layout in this regard. | Complied. Design of landfill is as per the guidelines of the central pollution control board i.e. complying all location, planning – design, phase operation, liner system, closure and post closure maintenance plan, site infrastructure, environment monitoring system, financial assurance, etc. criteria along with leachate collection arrangement and treatment facility. The designs are also approved by IIT Delhi and submitted to GPCB. Compliance of the central pollution control board guidelines are attached as Annexure 2 . |
| 3 | The State Pollution Control Board shall monitor the setting up and operation of the common or captive treatment, storage and disposal facility, regularly. | Complied. GPCB visits our facility every month. |
| 4 | The operator of common facility or occupier of a captive facility shall be responsible for safe and environmentally sound operation of the facility and its closure and post closure phase, as per guidelines or standard operating procedures issued by the Central Pollution Control Board from time to time. | Complied. Landfill operation, closure and post closure is done according to the guideline of CPCB. |
| 5 | The operator of common facility or occupier of a captive facility shall maintain records of hazardous and other wastes handled by him in Form 3 . | Complied. All relevant details are maintained as per Form 4 (Annual Return). |
| 6 | The operator of common facility or occupier of a captive facility shall file an annual return in Form 4 to the State Pollution Control Board on or before the 30 th day of June following the financial year to which that return relates. | Complied. We are submitting Form – 4 (Annual Return) for each financial year. |
| 18. Transportation of hazardous and other wastes. - | | |
| 1 | The transport of the hazardous and other waste shall be in accordance with the provisions of these rules and the rules made by the Central Government under the Motor Vehicles Act, 1988 and the guidelines issued by the Central Pollution Control Board from time to time in this regard. | Complied. We have ensured that the transportation of the hazardous waste is done according to the guidelines. |

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| 2 | The occupier shall provide the transporter with the relevant information in Form 9 , regarding the hazardous nature of the wastes and measures to be taken in case of an emergency and shall label the hazardous and other wastes containers as per Form 8 . | Complied. Proper Labelling system and TREM Card is provided to the transporter. Online manifest system is followed. |
| 4 | In case of transportation of hazardous and other waste for recycling or utilization including co-processing, the sender shall intimate both the State Pollution Control Boards before handing over the waste to the transporter. | Complied. For trial run purpose an intimation letter is giving to both the SPCBs. |
| 5 | In case of transit of hazardous and other waste for recycling, utilization including co- processing or disposal through a State other than the States of origin and destination, the sender shall give prior intimation to the concerned State Pollution Control Board of the States of transit before handing over the wastes to the transporter. | Complied. An intimation letter is giving to all the SPCBs involved. |
| 6 | In case of transportation of hazardous and other waste, the responsibility of safe transport shall be either of the sender or the receiver whosoever arranges the transport and has the necessary authorization for transport from the concerned State Pollution Control Board. This responsibility should be clearly indicated in the manifest. | Noted and has been followed. |
| 7 | The authorization for transport shall be obtained either by the sender or thereceiver on whose behalf the transportis being arranged. | Complied. We have authorized vehicle which are equipped with VLTS-GPS system and are being used for Transportation of Hazardous waste from member Industries to TSDF. |

Annexure-2

Compliance of CPCB Criteria for Hazardous waste landfill

| No. | Conditions | Status |
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| 1. | <p>Location Criteria:</p> <ul style="list-style-type: none"> - Lake or Pond : 200 Mtrs - River : 100 Mtrs - Flood plain : 100 years - Highway : 500 Mtrs - Habitation : 500 Mtrs - Public Parks : 500 Mtrs - Critical habitat Area : No landfill - Wet Lands: No landfill - Airport : No Landfill - Water Supply: 500 Mtrs - Coastal Regulation Zone : No landfill - Ground Water table level:< 2 meters below the base | <p>Complied.</p> <p>Landfill is located in Ankleshwar GIDC Estate fulfilling all the criteria mentioned in the guidelines.</p> <ul style="list-style-type: none"> • Nearest railway station is at about 2.4 km (NE), Dadhhal. • Nearest river is at about 1.15 km (E), Kondh ki Khadi. • Nearest village is at about 1.2 km (ENE), Jitali. • Nearest airport is at about 63km (SW), Surat. • Nearest highway is at about 5 km (W), NH No.8. |
| Planning And Design criteria: | | |
| 2. | <p>1. Essential Components:</p> <ul style="list-style-type: none"> - Liner System at base and sides of landfill - A leachate collection and treatment facility - Gas collection and treatment facility - Final cover system at top - Surface water drainage system - Environmental monitoring system - Closure and post closure plan | <p>Complied.</p> <p>Appropriate base and side liners has been provided according to the criteria. Leachate collection wells (6 for Phase I, 7 for Phase II and 3 for Phase III) has been provided for collecting leachate and 3 for phase – IV is designed, which further send to MEE or ETP (after commissioning) for treatment. Adequate nos. of vents have been provided for gas monitoring. Surface water drainage system is provided.</p> |
| | <p>2. Phased Operation:</p> <ul style="list-style-type: none"> - During the monsoon months the waste may stockpiled in a temporary holding area (covered with roof). During this period and the landfill may be kept capped with final cover/ intermediate cover and landfill operations suspended to reduce infiltration of rainwater into the landfill. | <p>Complied.</p> <p>Landfill site operation is being suspended during the 4 months of monsoon. We have separate storage shed. Which is also having same side and base lines system provided with roof. Landfill which is in operation is covered with tarpaulin during monsoon period.</p> |

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| <p>3. Liner system:</p> <ul style="list-style-type: none"> - Leachate control within a landfill involves the following steps: Prevention of migration of leachate from landfill sides and landfill base to the subsoil by suitable liner system; and Drainage of leachate collected at the base of a landfill to the side of the landfill and removal of the leachate from within the landfill. | <p>Complied. A proper base and side liners has been provided according to the criteria. Drainage system is also provided to avoid infiltration of surface water.</p> |
| <p>4. Leachate Management:</p> <ul style="list-style-type: none"> - Offsite Treatment - Onsite Treatment - Recirculation | <p>Complied. Leachate collection wells (6 for Phase I, 7 for Phase II and 3 for Phase III) has been provided, 3 for phase IV shall be provided and collected leachate is treated onsite in MEE or ETP treatment.</p> |
| <p>5. Gaseous Emission Management:</p> <ul style="list-style-type: none"> - Controlled passive venting - Controlled collection and treatment | <p>Complied. Adequate nos. of vents have been provided to collect and monitor generation of gas.</p> |
| <p>6. Final Cover System</p> | <p>Complied.</p> <ul style="list-style-type: none"> • Phase I & II has been closed and capped as per IIT approved drawings. • Phase-III is closed. • Currently Phase-IV is in Operation. |
| <p>7. Site Infrastructure:</p> <ul style="list-style-type: none"> - Site Entrance and Fencing. - Administrative and Site Control Offices - Access Roads - Waste Inspection and Sampling Facility. - Equipment Workshops and Garages. - Signs and Directions - Water Supply - Lighting - Vehicle Cleaning Facility - Fire Fighting Equipment | <p>Complied. All the facilities like site entrance and fencing, administration, site control offices, access roads, waste inspection, sampling facility, water supply, lightings, vehicle cleaning facility, firefighting equipment, signs and directions etc., have been provided.</p> |
| <p>8. Environment Monitoring System:</p> | <p>Complied.</p> <ul style="list-style-type: none"> • Regular monitoring of leachate quality, air quality, and noise is being carried out. • Monitoring of groundwater, leachate, VOC generation, ambient air monitoring, noise monitoring has been conducted on regular basis. |
| <p>9. Closure and post closure maintenance plan</p> | <p>Complied.</p> <ul style="list-style-type: none"> • Phase I & II has been closed and capped as per IIT approved drawings. • Phase-III is closed. |

| | | |
|----|--|--|
| | | <ul style="list-style-type: none"> • Currently Phase-IV is in Operation. |
| 3. | Waste Acceptance Criteria | <p>Complied. On arrival of any waste, it is first analyzed and if it follows GPCB/CPCB waste acceptance criteria then and only then it is accepted.</p> |
| 4. | <p>Construction and operational Criteria:</p> <ul style="list-style-type: none"> - Site Development - Phase development - Phase operation - Phase closure - Landfill closure - Post closure vegetative stabilization | <p>Complied. Proper facilities wise for site development like record keeping for site manual, site reports, vehicle inspection is provided.</p> |
| 5. | <p>Inspection, Monitoring and record keeping criteria:</p> <ul style="list-style-type: none"> - During construction of liners and covers - During operation - During closure and post closure period - Environmental Monitoring System | <p>Complied. Regular inspections of liners, and covers was being conducted during construction phase of landfill. Adequate environmental monitoring system has been provided.</p> |
| 6. | Financial Assurance Criteria | <p>Complied. We are regularly maintaining E-scow account for financial assurance criteria to meet closure and post closure activity of the landfill.</p> |
| 7. | Contingency Plan for Emergency | <p>Complied. We are having onsite emergency plan, which is updated on yearly basis and submitted to GPCB, RO.</p> |

BEIL Infrastructure Limited

Compliance Status for Consent To Establish (NOC) No GPCB/CE/BRCH/NOC-

3354[CCA-167(5)/14483 DATED 22nd May, 2007

Without Prejudice to the powers of this Board under the water (Prevention and Control of Pollution) Act-1974. the Air Act – 1981 and the Environment (Protection) Act-1986 and without reducing your responsibilities under the said Acts in any way this is to inform you that this Board grants Consent to Establish (NOC) for expansion of common incinerator plant along with Heat Recovery System & Evaporation System at new Notified site for TSDF at plot No. 9601 to 9604, 10001 to 10003 G-7 & 8, 7924 to 7927, 9401 to 9412, 9501 to 9506, 7906 E to H, 9901 to 9908 & 9923 to 9928, GIDC Ankleshwar Dist. Bharuch the Following items.

The Validity period of the order will be Five Years from date of issue.

| Sr. No. | Item | Capacity | Status |
|---------|--|---|------------------|
| 1 | Common incineration Facility Along with Heat Recovery System & Evaporation System. | Thermal Capacity 5 to 10 T/Hr (25 Million Kcal / Hr.) | Received CC & A. |

SUBJECT TO THE FOLLOWING SPECIFIC CONDITIONS:

(If ECC as per 14.9.2006 Notification is applicable only)

| Sr. No. | Item | Status |
|---------|--|--|
| 1 | Applicants have to obtain the Environmental Clearance from the relevant authority by 30.6.2007 since this project requires EIA clearance as per the EIA notification 2006 dated 14.9.2006. | Complied. Environmental clearance obtained No .10-48/2007IA-III Dated 4 th March ,2008 |
| 2 | In the mean time, unit can carry on with commencement of the project activities. | Complied. |
| 3 | Unit not seeking clearance under EIA-notification 2008 by 30.6.2007 will be treated as violation under section 15 of Environment (Protection) Act. 1986. | Noted. |
| 4 | Applicant shall comply with all the conditions stipulated by SEIAA / MOEF&CC in the order of Environment clearance as and when issued. | Complied. |
| 5 | Unit shall strictly follow the CPCB guideline for common incinerator, Publisher time to time. | Complied. We are strictly following the CPCB guidelines for common incinerator, publisher time to time. |

CONDITIONS UNDER WATER ACT. 1974.

| | | |
|---|--|--|
| 1 | Wastewater generated from Quencher (evaporative cooler) & wet scrubber of incinerator shall not exceed 67 m ³ /day (existing 30 m ³ /day from proposed incinerator) which shall be sent to CETP of M/s ETL Ankleshwar for treatment OR it will be treated in a proposed evaporation system at site and generated | Complied. Wastewater generated from Quencher (evaporative cooler) & wet scrubber of incinerator is not exceeding than consent We have installed Multiple Effect Evaporator to treat the effluent/leachate |
|---|--|--|

| | | |
|---|--|--|
| | <p>salt shell be proposed at land filling site at BEIL.</p> | <p>generated from the landfill. Effluent / Leachate generated from the landfill is evaporated and generated condensate is treated in ETP to achieve ZLD and generated salt is being dumped at BEIL. In case of shutdown/maintenance of MEE of M/s. BEIL., Ankleshwar, Leachate/ Effluent shall be sent to MEE of BEIL, Dahej and/or sent to M/s ETL for treatment and disposal. We have installed Multiple Effect Evaporator to treat the effluent/leachate generated from the landfill. Effluent / Leachate generated from the landfill is evaporated and generated condensate is treated in ETP to achieve ZLD and generated salt is being dumped at BEIL. In case of shutdown/maintenance of MEE of M/s. BEIL., Ankleshwar, Leachate/ Effluent shall be sent to MEE of BEIL, Dahej and/or sent to M/s ETL for treatment and disposal.</p> |
| 2 | <p>The quantity of the domestic wastewater (sewage) shall be nil.</p> | <p>Complied. The quantity of the domestic wastewater is nil.</p> |
| 3 | <p>The applicant shall operate the incinerator at a temperature at 1100 °C ± 100° with gas residence time of 2 (two) seconds at the post combustion chamber when the chlorine content is less than 1% when the chlorine content is more than 2% the temperature maintained will be 1200 °C ± 100 °C.</p> | <p>Complied. We are operating the incinerator at a temperature at 1100° C ± 100° C with gas residence time of 2 seconds at the post combustion chamber when the chlorine content is less than 1%, when the chlorine content is more than 2% the temperature is maintained at 1200 °C ± 100 °C.</p> |
| 4 | <p>The applicant shall be required to make storage facilities to store the effluent for at least 48 hours by providing acid proof brick lined impervious tanks/HDPE tanks.</p> | <p>Complied. We have made storage facilities to store the effluent for at least 48hours by providing acid proof brick lined</p> |

| | | |
|---|---|---|
| | | impervious tanks/HDPE tanks. |
| 5 | The applicant shall make fixed arrangement for loading the effluent from their collection tanks to the tanker of ETL. The unit shall not keep any by-pass line or system or loose or flexible pipeline for loading the effluent into the tanker of ETL. | Complied. We had made fixed arrangement for loading the effluent from their collection tanks to the tankers of ETL. |
| 6 | Leachate from the hazardous solid waste, if any shall also be connected into a collection tank through leachate collection facilities and shall be conveyed along with industrial effluent to the CETP of ETL. | Complied. Leachate are collected separately in leachate collection wells and sent to MEE or ETL for further treatment. |
| 7 | Magnetic flow meters shall be installed at the inlet & outlet of effluent collection tanks/ETP to measure the quantity of effluent lifted into the tanker of ETL. | Complied. Magnetic flow meters are installed at the inlet & outlet of effluent collection tanks/ETP to measure the quantity of effluent liquid into the tankers of ETL. |
| 8 | The ENTIRE quantity of industrial effluent shall have to be conveyed by ETL. In no circumstances the effluent either treated or untreated shall be discharged into GIDC drain or any where else. | Complied. Effluent generated from the industry is treated in MEE or sent to ETL for further treatment. No untreated effluent is discharged into GIDC drain or anywhere else. |

| | | |
|----|--|--|
| 9 | Disposal system for storm water shall be provided separately. In no circumstances storm water shall be mixed with the industrial effluent. | Complied. Storm water collection and disposal system is provided separately. Storm water is not being mixed with industrial effluent. |
| 10 | The applicant shall be responsible for loading its effluent into the tankers of the ETL for transporting the effluent. Due care shall be taken to avoid any leakage or spillage of effluent during loading the tanker. | Complied. Separate loading arrangement system is provided |
| 11 | If the effluent contains heavy metals, phenols & cyanide, the ETL member unit shall have to treat the effluent within its premises to conform to be following standards (whichever applicable) | Complied. |

| PARAMETERS | PERMISSIBLE LIMIT | |
|---------------------|-------------------|---------------------------------------|
| Zinc (Zn) | 5.0 mg/l | All parameters are well within limit. |
| Total Chromium | 2.0 mg/l | |
| Nickel (Ni) | 3.0 mg/l | |
| Mercury (Hg) | 0.01 mg/l | |
| Cyanide (as CN) | 0.2 mg/l | |
| Pesticides | Absent | |
| Phenolic Compounds | 1.0 mg/l | |
| Lead (Pb) | 0.1 mg/l | |
| Copper (Cu) | 3.0 mg/l | |
| Hexavaient Chromium | 0.1 mg/l | |
| Cadmium (Cd) | 1.0 mg/l | |
| Arsenic (As) | 0.2 mg/l | |
| Selenium | 0.05 mg/l | |

| | | |
|----|--|-----------|
| 12 | The applicant shall keep accurate records of quantity of production of each product. Quantity of water consumption, quantity of effluent generated and consumption or electricity on day-to-day basis and required to submit the complied record of one month to GPCB & ETL on or before fifth day of the succeeding month. | Complied. |
| 13 | In case of shutdown of plant for more than three days for any reason, the ETL unit member shall intimate to ETL authority & GPCB well in advance for the better operation & management of CETP. | Noted |
| 14 | The applicant shall either stop or curtail its production activities if the effluent is not adequately treated by the CETP of ETL to conform to the standards specified by GPCB. | Noted |
| 15 | The authorized representative of ETL shall have right of entry at any time for the purpose of inspection and monitoring the effluent collection facilities ETL (if required) of the applicant. | Noted |
| 16 | In case of incinerators, the flow measuring devices for mother liquor/toxic effluent / non-biodegradable effluent, light diesel oil, Furnace oil, etc i.e. Fuel used for combustion, air used for combustion shall be separately provided. Incinerator temperature recording devices as well as gaseous flow measuring devices for scrubber shall be provided. These data of temperature & flow should be recorded every day & submitted to GPCB & ETL on monthly basis. | Complied. |
| 17 | The GIDC drainage connection given by the GIDC for discharge of industrial effluent shall be disconnected & the outlet shall be sealed. | Complied. |
| 18 | If the ETL authority terminates the membership of CETP, the ETL member unit shall have to close down the manufacturing activities. Industrial operation of the process plant immediately unit the ETL membership is resumed. | Noted |

CONDITIONS UNDER AIR ACT 1981:

| | | | | |
|----|--|--|--|--|
| 19 | The following shall be used as fuel in the boiler/incinerator as following rates | | | |
|----|--|--|--|--|

| Sr. No. | Name of Fuel | Quantity | |
|---------|---|-------------------------------------|-------|
| 1 | Natural Gas | 14000 to 16000 Nm ³ /day | Noted |
| 2 | Diesel in D.G. set of 1000 KVA Capacity | 225 Ltr/Hr | Noted |

| | | | |
|----|--|--|-------|
| 20 | The applicant shall install & operate air pollution control system in order to achieve norms prescribed below. | | Noted |
| 21 | The flue gas emission through stack shall conform to the following standards. | | Noted |

| Stack No. | Stack attached | Stack height in Meter | Parameter | Permissible Limit |
|-----------|----------------|-----------------------|--|---|
| 1 | D.G. Set | 11 | Particulate matter SO ₂ NO ₂ | 150 mg/NM ³ 100 ppm 50 ppm |

| | | | |
|----|---|--|-----------|
| 22 | There shall be no process emission from the manufacturing process as well as any other ancillary process. | | Complied. |
| 23 | Stack monitoring facilities like port hole, platform / adder etc, shall be provided with stacks / vents chimney in order to facilitate sampling of gases being emitted into the atmosphere. | | Complied. |
| 24 | The process emission through various stacks / vents of reactors. Process vessel shall conform to the following standards. | | Complied. |

| Stack No. | Stack attached | Stack height in Meter | Air Pollution Control system | Parameter | Permissible Limit |
|-----------|--------------------|-----------------------|---|---|---|
| 1 | Common Incinerator | 45 | Quencher, Caustic Scrubber bag Filter | Particulate Matter SO ₂ NO _x HCL Chlorine Ammonia H ₂ S Mercaptan CO Hydrocarbon Dioxins Furans TOC HF Cd + Th (& its Compound) Hg (& its – 0.05 Mg/NM ³) Syo + As + Pb + Cr + Co + Cu + Mn + Ni + V (& their compounds) | 50 mg/NM ³ 200 mg/NM ³ 400 mg/NM ³ 50 mg/NM ³ 9 mg/NM ³ 175 g/NM ³ 45 mg/NM ³ 0.8 by volume 100 mg/NM ³ 15 mg/ NM ³ 0.1ng/TEQ/NM ³ 0.1ng/TEQ/NM ³ 20 mg / NM ³ 4 mg / NM ³ 0.06 mg / NM ³ 0.5 mg / NM ³ |

| | | | |
|----|--|--|-----------|
| 25 | Stack monitoring facilities like port hole platform/ladder etc shall be provided with stacks/vents chimney in order to facilities sampling of gases being emitted into the atmosphere. | | Complied. |
| 26 | Ambient air quality within the premises of the industry shall conform to the | | Complied. |

| | following standards. | |
|------------------------------|---|---------------------------------------|
| PARAMETERS | | PERMISSIBLE LIMIT |
| Suspended Particulate Matter | 500 Microgram/M ³ | All parameters are well within limit. |
| RSPM | 150 Microgram/M ³ | |
| SO ₂ | 120 Microgram/M ³ | |
| NO _x | 120 Microgram/M ³ | |
| HCL | 200 Microgram/M ³ | |
| CL ₂ | 100 Microgram/M ³ | |
| Ammonia | 850 Microgram/M ³ | |
| Hydrocarbon | 160 Microgram/M ³ | |
| H ₂ S | 500 Microgram/M ³ | |
| HF | 60 Microgram/M ³ | |
| CO | 5000 Microgram/M ³ | |
| CS ₂ | 2000 Microgram/M ³ | |
| 27 | All measures for the control of environmental pollution shall be provided before commencing production. | |
| 28 | The Fly ash generated from incinerator will be collected & disposed off in TSDF of BEIL | Complied. |

CONDITIONS UNDER HAZARDOUS WASTE:

| | | |
|----|--|--|
| 29 | Applicant shall have to comply with provisions of hazardous waste (Management & Handling) Rule-1989 as amended from time to time. | Complied. |
| 30 | The applicant shall obtain membership of common TSDF site for disposal of Haz. Waste as categorized in Hazardous Waste (Management & Handling) Rule-1989 as amended from time to time. | Not applicable |
| 31 | The applicant shall obtain membership of common Haz. Waste incinerator for disposal of incinerable waste. | Not applicable |
| 32 | The applicant shall provide temporary storage facilities for each type of Haz. Waste as per Haz. Waste (Management & Handling) Rule-1989 as amended from time to time. | Complied. Impervious storage facility for Incinerable Hazardous waste is provided |

GENERAL CONDITION:

| | | |
|----|---|-----------|
| 33 | If will keep necessary, record of incineration of waste (quantity & quality / category wise) | Complied. |
| 34 | Floor washing, if any should be replaced by mopping with saw dust which should finally be incinerated. | Complied. |
| 35 | Proper operation and maintenance of the pollution control measures provided is essential, hence the industry should strain the personnel. for operation and maintenance of pollution control system. | Complied. |
| 36 | The house keeping which is very important in overall environmental management hence the industry is required to provide pucca flooring within the plant and proper tank for collection of wastewater if any & same shall be incinerate. | Complied. |
| 37 | The industry is required to monitor ground water quality in and around the plant premises to check its contamination through leachate due to improper handling of solid waste. | Complied. |
| 38 | Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 10 meters width is developed. | Complied. |
| 39 | The applicant shall have to submit the returns in prescribed form regarding water consumption and shall have to make payment of | Complied. |

| | | |
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| | water cess to the Board under the waste cess Act. 1977. | |
| 40 | In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor should immediately be intimated to the Board. | Noted. |
| 41 | The applicant shall however not without the prior consent of the board bring into use any new or altered outlet for the discharge of effluent or gaseous emission or sewage waste from the proposed industrial plant. The applicant is required to make applications to this board for this purpose in the prescribed forms under the provisions of the water Act-1974, the air Act-1981 and the environment. (Protection) Act – 1986. | Noted. |
| 42 | The applicant also comply with the general conditions as per annexure –I attached herewith (No.1 to 38) (whichever applicable) | Noted and complied. |
| 43 | The concentration of noise in ambient air within the premises of industrial unit shall not exceed following levels. Between 6 A.M. and 10 P.M.: 75dB (A) Between 10 P.M. and 6 A.M.: 70dB (A) | Complied. |

TEST CERTIFICATE

QF/7.8/37-AQ

Page: 1 of 1

Customer's Name and Address :

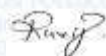
| | | |
|--|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0067 |
| | Issue Date : | 06/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | | |
|----------------------------|--|--|
| Location of Sampling : | Near Laboratory | |
| Date of Sampling : | 27/04/2023 | Sampling Procedure : As per table |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : Ambient Air Quality Monitoring |
| Sample Receipt Date : | 28/04/2023 | Lab ID : BL/2304/01 [A-M] |
| Date of Starting of Test : | 28/04/2023 | Date of Completion of Test : 02/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 84.3 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 40.2 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 17.2 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 30.9 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 21.8 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.94 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | Not Detected | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: .5.0 µg/m³, Ammonia as NH₃: 2.0 µg/m³.
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

- Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
- GPCB approved schedule II auditor
- ISO 14001 : 2004
- OHSAS 18001 : 2007
- ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

| | |
|--|--|
| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0068 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Near Shed No.10 | Sampling Procedure | : As per table |
| Date of Sampling | : 27/04/2023 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2304/02 [A-M] |
| Sample Receipt Date | : 28/04/2023 | Date of Completion of Test | : 02/05/2023 |
| Date of Starting of Test | : 28/04/2023 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 74.3 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 35.3 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 13.4 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 25.2 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 20.4 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.88 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | Not Detected | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: 5.0 µg/m³, Ammonia as NH₃:2.0 µg/m³
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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- ISO 9001 : 2008

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Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE

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Customer's Name and Address :

Page: 1 of 1

| | |
|--|--|
| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0069 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Opposite Side Of Phase-2 LW-4 | Sampling Procedure | : As per table |
| Date of Sampling | : 27/04/2023 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2304/03 [A-M] |
| Sample Receipt Date | : 28/04/2023 | Date of Completion of Test | : 02/05/2023 |
| Date of Starting of Test | : 28/04/2023 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 76.3 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 28.8 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 10.2 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 22.5 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 17.6 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.70 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | Not Detected | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC: 50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S: 6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: .50 µg/m³, Ammonia as NH₃: 2.0 µg/m³.
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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| | |
|--|--|
| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0084 Issue Date : 28/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Near Laboratory | Sampling Procedure | : As per table |
| Date of Sampling | : 19/05/2023 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2305/15 [A-M] |
| Sample Receipt Date | : 20/05/2023 | Date of Completion of Test | : 26/05/2023 |
| Date of Starting of Test | : 20/05/2023 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 79.1 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 32.2 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 15.4 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 22.7 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) [§] | µg/m ³ | 12.5 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.98 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | Not Detected | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) – particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: .50 µg/m³, Ammonia as NH₃:2.0 µg/m³

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

**TEST CERTIFICATE**

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Customer's Name and Address :

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| | | |
|--|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0085 |
| | Issue Date : | 28/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | | | |
|----------------------------|--|------------------------------|---------------------------------------|
| Location of Sampling : | Near Shed No.10 | | |
| Date of Sampling : | 19/05/2023 | Sampling Procedure : | As per table |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | Ambient Air Quality Monitoring |
| Sample Receipt Date : | 20/05/2023 | Lab ID : | BL/2305/16 [A-M] |
| Date of Starting of Test : | 20/05/2023 | Date of Completion of Test : | 26/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT[@] | METHOD OF MEASUREMENT |
|----------------|---|-------------------|----------------|--------------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 81.2 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 30.2 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 12.6 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 18.8 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ⁵ | µg/m ³ | 14.5 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.84 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | Not Detected | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: 5.0 µg/m³, Ammonia as NH₃:2.0 µg/m³.

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.

**Ravi Jariwala
Sr. Environmental Scientist****Dr. Arun Bajpai
Lab Manager(Q)**

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Customer's Name and Address :

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| | | |
|--|-------------------|---|
| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0086 |
| | Issue Date : | 28/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | | | |
|----------------------------|--|------------------------------|---------------------------------------|
| Location of Sampling : | Opposite Side Of Phase-2 LW-4 | | |
| Date of Sampling : | 19/05/2023 | Sampling Procedure : | As per table |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | Ambient Air Quality Monitoring |
| Sample Receipt Date : | 20/05/2023 | Lab ID : | BL/2305/17 [A-M] |
| Date of Starting of Test : | 20/05/2023 | Date of Completion of Test : | 26/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT[@] | METHOD OF MEASUREMENT |
|----------------|---|-------------------|----------------|--------------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 74.4 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 28.4 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 11.8 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 20.4 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) [§] | µg/m ³ | 18.7 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.78 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | Not Detected | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) – particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: .5.0 µg/m³, Ammonia as NH₃:2.0 µg/m³

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.

Ravi Jariwala
Sr. Environmental Scientist**Dr. Arun Bajpai**
Lab Manager(Q)

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Customer's Name and Address :

Page: 1 of 1

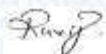
| | |
|--|--|
| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0116 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Near Laboratory | Sampling Procedure | : As per table |
| Date of Sampling | : 01/06/2023 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2306/12 [A1-M1] |
| Sample Receipt Date | : 02/06/2023 | Date of Completion of Test | : 08/06/2023 |
| Date of Starting of Test | : 02/06/2023 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 80.3 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 32.9 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 20.2 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 34.5 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 20.7 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.88 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | Not Detected | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: .5.0 µg/m³, Ammonia as NH₃: 2.0 µg/m³.
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.



Ravi Jariwala
Sr. Environmental Scientist



Dr. Arun Bajpai
Lab Manager(Q)

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TEST CERTIFICATE

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

| | |
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| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0117 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Near Shed No.10 | Sampling Procedure | : As per table |
| Date of Sampling | : 01/06/2023 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2306/12 [A2-M2] |
| Sample Receipt Date | : 02/06/2023 | Date of Completion of Test | : 08/06/2023 |
| Date of Starting of Test | : 02/06/2023 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 81.2 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 30.3 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 16.9 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 26.8 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 18.2 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.8 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | Not Detected | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: 5.0 µg/m³, Ammonia as NH₃:2.0 µg/m³
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

| | |
|--|--|
| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0118 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Opposite Side Of Phase-2 LW-4 | Sampling Procedure | : As per table |
| Date of Sampling | : 01/06/2023 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2306/12 [A3-M3] |
| Sample Receipt Date | : 02/06/2023 | Date of Completion of Test | : 08/06/2023 |
| Date of Starting of Test | : 02/06/2023 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 76.8 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 29.6 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 13.4 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 24.8 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 15.2 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.72 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | Not Detected | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC: 50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S: 6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: .50 µg/m³, Ammonia as NH₃: 2.0 µg/m³.
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST CERTIFICATE

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

| | |
|--|--|
| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0136 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Near Laboratory | Sampling Procedure | : As per table |
| Date of Sampling | : 03/07/2023 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2307/01 [A1-M1] |
| Sample Receipt Date | : 04/07/2023 | Date of Completion of Test | : 08/07/2023 |
| Date of Starting of Test | : 04/07/2023 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 62.1 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 24.3 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 14.1 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 20.2 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 18.2 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.94 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | Not Detected | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC: 50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S: 6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: .5.0 µg/m³, Ammonia as NH₃: 2.0 µg/m³.
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

| | |
|--|--|
| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0137 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Near Shed No.10 | Sampling Procedure | : As per table |
| Date of Sampling | : 03/07/2023 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2307/02 [A1-M1] |
| Sample Receipt Date | : 04/07/2023 | Date of Completion of Test | : 08/07/2023 |
| Date of Starting of Test | : 04/07/2023 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 64.9 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 28.8 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 13.4 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 16.2 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 14.7 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.78 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | Not Detected | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: 5.0 µg/m³, Ammonia as NH₃:2.0 µg/m³
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.

Ravi

Ravi Jariwala
Sr. Environmental Scientist

Arun

Dr. Arun Bajpai
Lab Manager(Q)

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TEST CERTIFICATE

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Customer's Name and Address :

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| | |
|--|--|
| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0138 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Opposite Side Of Phase-2 LW-4 | Sampling Procedure | : As per table |
| Date of Sampling | : 03/07/2023 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2307/03 [A1-M1] |
| Sample Receipt Date | : 04/07/2023 | Date of Completion of Test | : 08/07/2023 |
| Date of Starting of Test | : 04/07/2023 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 52.8 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 21.2 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 11.8 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 15.2 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 12.2 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.62 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | Not Detected | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC: 50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S: 6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: .50 µg/m³, Ammonia as NH₃: 2.0 µg/m³.
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.

Ravi Jariwala

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai

Dr. Arun Bajpai
Lab Manager(Q)

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TEST CERTIFICATE

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Customer's Name and Address :

Page: 1 of 1

| | |
|--|--|
| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0153 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Near Laboratory | Sampling Procedure | : As per table |
| Date of Sampling | : 02/08/2023 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2308/01 [A1-M1] |
| Sample Receipt Date | : 03/08/2023 | Date of Completion of Test | : 07/08/2023 |
| Date of Starting of Test | : 03/08/2023 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 65.6 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 32.9 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 16.4 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 22.3 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 22.4 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.92 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | 16.8 | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC: 50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S: 6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: .5.0 µg/m³.

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager(Q)

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 ● ISO 14001 : 2004
 ● OHSAS 18001 : 2007
 ● ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

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|--|--|
| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0154 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Near Shed No.10 | Sampling Procedure | : As per table |
| Date of Sampling | : 02/08/2023 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2308/02 [A1-M1] |
| Sample Receipt Date | : 03/08/2023 | Date of Completion of Test | : 07/08/2023 |
| Date of Starting of Test | : 03/08/2023 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 62.3 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 28.4 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 15.4 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 20.6 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 15.9 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.92 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | 14.5 | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: 5.0 µg/m³
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

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TEST CERTIFICATE

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Customer's Name and Address :

Page: 1 of 1

| | |
|--|--|
| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0155 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Opposite Side Of Phase-2 LW-4 | Sampling Procedure | : As per table |
| Date of Sampling | : 02/08/2023 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2308/03 [A1-M1] |
| Sample Receipt Date | : 03/08/2023 | Date of Completion of Test | : 07/08/2023 |
| Date of Starting of Test | : 03/08/2023 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 60.9 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 25.4 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 14.2 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 19.4 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 17.6 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.74 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | 13.8 | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC: 50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S: 6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: .50 µg/m³
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.

Ravi Jariwala

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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TEST CERTIFICATE

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

| | |
|--|--|
| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0184 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Near Laboratory | Sampling Procedure | : As per table |
| Date of Sampling | : 04/09/2023 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2309/35 [A1-M1] |
| Sample Receipt Date | : 05/09/2023 | Date of Completion of Test | : 09/09/2023 |
| Date of Starting of Test | : 05/09/2023 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 71.3 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 28.9 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 12.4 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 25.2 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 20.2 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.96 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | 16.9 | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC: 50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S: 6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: .5.0 µg/m³.

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager(Q)

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TEST CERTIFICATE

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Customer's Name and Address :

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| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0185 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Near Shed No.10 | Sampling Procedure | : As per table |
| Date of Sampling | : 04/09/2023 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2309/36 [A1-M1] |
| Sample Receipt Date | : 05/09/2023 | Date of Completion of Test | : 09/09/2023 |
| Date of Starting of Test | : 05/09/2023 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 63.6 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 30.9 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 13.9 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 27.9 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 22.8 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.8 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | 12.2 | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC:50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S:6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl: 5.0 µg/m³

@Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager(Q)

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TEST CERTIFICATE

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

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| M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0186 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Opposite Side Of Phase-2 LW-4 | Sampling Procedure | : As per table |
| Date of Sampling | : 04/09/2023 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2309/37 [A1-M1] |
| Sample Receipt Date | : 05/09/2023 | Date of Completion of Test | : 09/09/2023 |
| Date of Starting of Test | : 05/09/2023 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 50.65 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 26.2 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 16.9 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 30.1 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 25.9 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.84 | 04 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 7 | Ammonia as NH ₃ | µg/m ³ | 27.9 | 400 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 8 | Benzene as C ₆ H ₆ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 11) |
| 9 | Benzo (a) Pyrene (BaP) – particulate phase only | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 10 | Arsenic as As | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 11 | Nickel as Ni | ng/m ³ | Not Detected | NS* | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 12 | Lead as Pb | µg/m ³ | Not Detected | 1.0 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 13 | Hydrocarbon as HC | µg/m ³ | Not Detected | NS* | Gas chromatography |
| 14 | HCl | µg/m ³ | Not Detected | NS* | USEPA 26A & SOP HCl – 01 |
| 15 | Chlorine as Cl ₂ | µg/m ³ | Not Detected | NS* | IS 5182 (Part 19) |
| 16 | Hydrogen Sulphide as H ₂ S | µg/m ³ | Not Detected | NS* | IS 5182 (Part 7) |

Detection Limit : Benzene as C₆H₆: 2.0 µg/m³, Arsenic as As: 2.0 ng/m³, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m³, Hydrocarbon as HC: 50 µg/m³, Chlorine as Cl₂: 15.0 µg/m³, Lead : 0.1 µg/m³, Hydrogen Sulphide as H₂S: 6.0 µg/m³, Nickel as Ni : 0.5 µg/m³, HCl : 5.0 µg/m³
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.

Ravi Jariwala

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | | |
|---|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0071 |
| | Issue Date : | 06/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|---------------------|-----------------------|
| Sampling Location : | EB-4 Up Stream |
|---------------------|-----------------------|

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 27/04/2023 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 28/04/2023 | Lab ID. : | BL/2304/04 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 28/04/2023 | Date of Completion of Test : | 06/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.97 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | umhos/cm | 6045 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 1.05 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 3876 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.3 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 26 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1846 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 360 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.61 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1549 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 243 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.32 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.098 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.171 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.52 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 364 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...

**H. T. Shah
Lab. Manager**

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

Note: This report is subject to terms & conditions mentioned overleaf.

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com



TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0071 |
| | Issue Date : 06/05/2023 |
| | Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |

| |
|---|
| Sampling Location : EB-4 Up Stream |
|---|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 224 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 209 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.02 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.60 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list





**H. T. Shah
Lab. Manager**



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

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0071 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB-4 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0072 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : EB5 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 27/04/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 28/04/2023 | Lab ID. | : BL/2304/05 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 28/04/2023 | Date of Completion of Test | : 06/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.96 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4376 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.41 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2812 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 0.67 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 18 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 844 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 342 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.38 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 909 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 202 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.39 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.147 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.17 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.85 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 179 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | | |
|---|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0072 |
| | Issue Date : | 06/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|-------------------|------------------------|
| Sampling Location | : EB5 Up Stream |
|-------------------|------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 95.04 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 361 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.19 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.67 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list





H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0072 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB5 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0073 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB3 Down Stream (New)**

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 27/04/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 28/04/2023 | Lab ID. | : BL/2304/06 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 28/04/2023 | Date of Completion of Test | : 06/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.35 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2257 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.62 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1438 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.23 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 10.2 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 446 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 312 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.09 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 356 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 251 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.57 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.162 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.087 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.091 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.79 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 82.40 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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- GPCB approved schedule II auditor
- ISO 14001 : 2004
- OHSAS 18001 : 2007
- ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0073 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| |
|--|
| Sampling Location : EB3 Down Stream (New) |
|--|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 57.60 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 246 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.9 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 3.90 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0073 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB3 Down Stream (New)**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0074 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB2 Down Stream (New)**

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 27/04/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 28/04/2023 | Lab ID. | : BL/2304/07 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 28/04/2023 | Date of Completion of Test | : 06/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.43 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 4.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2183 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.97 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1413 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.46 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 12.8 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 432 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 324 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.05 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 352 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 221 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.86 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.23 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.19 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.71 | PHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 78.40 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | | |
|---|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0074 |
| | Issue Date : | 06/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|---------------------|------------------------------|
| Sampling Location : | HB2 Down Stream (New) |
|---------------------|------------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 56.64 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 182 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.72 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 3.95 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah

Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0074 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB2 Down Stream (New)**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenproprithrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenproprithrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0075 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB5 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 27/04/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 28/04/2023 | Lab ID. | : BL/2304/08 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 28/04/2023 | Date of Completion of Test | : 06/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.1 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3014 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.78 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1935 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.76 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 18.2 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 630 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 454 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.19 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 571 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 247 | APHA (23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.11 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.091 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.12 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.61 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 105 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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 ● GPCB approved schedule II auditor
 ● ISO 14001 : 2004
 ● OHSAS 18001 : 2007
 ● ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com



TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0075 |
| | Issue Date : 06/05/2023 |
| | Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |

Sampling Location : **HB5 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 87.84 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 376 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 6.05 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.97 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list



**H. T. Shah
Lab. Manager**

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

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
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| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0075 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB5 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0076 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB4 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 27/04/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 28/04/2023 | Lab ID. | : BL/2304/09 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 28/04/2023 | Date of Completion of Test | : 06/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.14 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3145 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.59 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2019 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.49 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 21 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 596 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 382 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.46 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 609 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 236 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.94 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.081 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.12 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.59 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 148 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | | |
|---|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0076 |
| | Issue Date : | 06/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|---------------------|------------------------|
| Sampling Location : | HB4 Down Stream |
|---------------------|------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 54.24 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 294 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.92 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 7.10 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list





**H. T. Shah
Lab. Manager**



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

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0076 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB4 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenproprithrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenproprithrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

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|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB7 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 27/04/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 28/04/2023 | Lab ID. | : BL/2304/10 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 28/04/2023 | Date of Completion of Test | : 06/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.29 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4369 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.61 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2804 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.69 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 27 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 770 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 396 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.81 | 7IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 819 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 308 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.49 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.097 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.139 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.63 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 164 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0077 |
| | Issue Date : 06/05/2023 |
| | Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |

| |
|--|
| Sampling Location : HB7 Down Stream |
|--|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 86.40 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 504 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.98 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 8.32 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list





**H. T. Shah
Lab. Manager**



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

Note: This report is subject to terms & conditions mentioned overleaf.

- Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
- GPCB approved schedule II auditor
- ISO 14001 : 2004
- OHSAS 18001 : 2007
- ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0077 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

 Sampling Location : **HB7 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | USEPA 525.2 |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0078 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : EB9 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 27/04/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 28/04/2023 | Lab ID. | : BL/2304/11 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 28/04/2023 | Date of Completion of Test | : 06/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.69 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 20 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 7752 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 1.08 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 4971 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 12 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 91 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 2386 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 342 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.05 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 2349 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 225 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.09 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.147 | APHA (23 rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.129 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.83 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 624 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0078 |
| | Issue Date : 06/05/2023 |
| | Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |

| |
|--|
| Sampling Location : EB9 Up Stream |
|--|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 197 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 512 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.49 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 23 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list



H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0078 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB9 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | USEPA 525.2 |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/L.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0079 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB10 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 27/04/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 28/04/2023 | Lab ID. | : BL/2304/12 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 28/04/2023 | Date of Completion of Test | : 06/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.38 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 8.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3214 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.7 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2065 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 6.4 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 19 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 632 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 163 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.29 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 711 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 235 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.09 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.049 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.18 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.43 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 140 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | | |
|---|-------------------|--|
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| | Issue Date : | 06/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|---------------------|-----------------------|
| Sampling Location : | EB10 Up Stream |
|---------------------|-----------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 67.68 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 334 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 6.43 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.53 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list





**H. T. Shah
Lab. Manager**



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

Note: This report is subject to terms & conditions mentioned overleaf.

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- GPCB approved schedule II auditor
- ISO 14001 : 2004
- OHSAS 18001 : 2007
- ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0079 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB10 Up Stream |
|-------------------|-------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenpropethrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/L.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0080 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB11 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 27/04/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 28/04/2023 | Lab ID. | : BL/2304/13 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 28/04/2023 | Date of Completion of Test | : 06/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.20 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 5532 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 1.38 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 3546 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 24 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 65 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1526 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 358 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.87 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1214 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 261 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.92 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.071 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.17 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.52 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 348 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | | |
|---|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0080 |
| | Issue Date : | 06/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|-------------------|-------------------------|
| Sampling Location | : EB11 Up Stream |
|-------------------|-------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 157 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 472 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.96 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 19 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list



H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0080 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB11 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenproprithrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenproprithrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0081 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : HB1 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 27/04/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 28/04/2023 | Lab ID. | : BL/2304/14 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 28/04/2023 | Date of Completion of Test | : 06/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.06 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 6428 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.82 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 4119 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.50 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 29 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1612 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 456 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.97 | IS :3025 (Part-34): Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1749 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 208 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.47 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.083 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.079 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.392 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 481 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0081 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : HB1 Up Stream |
|-------------------|------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 97.92 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 450 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.93 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 8.29 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

- Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
- GPCB approved schedule II auditor
- ISO 14001 : 2004
- OHSAS 18001 : 2007
- ISO 9001 : 2008

**"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.**

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0081 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

 Sampling Location : **HB1 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0082 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB6 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 27/04/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 28/04/2023 | Lab ID. | : BL/2304/15 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 28/04/2023 | Date of Completion of Test | : 06/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.15 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3376 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.52 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2164 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.53 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 21 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 458 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 346 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 1.93 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 599 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 239 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.76 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.073 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.14 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.58 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 154 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0082 |
| | Issue Date : 06/05/2023 |
| | Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |

| |
|--|
| Sampling Location : HB6 Down Stream |
|--|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 17.52 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 412 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.29 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 6.17 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah

Lab. Manager


Dr. Arun Bajpai

Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0082 Issue Date : 06/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB6 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | USEPA 525.2 |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l, 2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0071 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB-4 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 17/05/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 18/05/2023 | Lab ID. | : BL/2305/01 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 18/05/2023 | Date of Completion of Test | : 27/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.11 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 6119 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.95 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 3852 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.4 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 29 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1820 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 373 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.74 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1612 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 209 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.25 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.106 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.084 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.65 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 340 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0071 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


Sampling Location : **EB-4 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 232 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 195 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.3 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.2 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
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|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB-4 Up Stream |
|-------------------|-------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/L.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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- GPCB approved schedule II auditor
- ISO 14001 : 2004
- OHSAS 18001 : 2007
- ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

**TEST REPORT**

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | | |
|---|--|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0072 |
| | Issue Date : | 27/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |
| Sampling Location : EB5 Up Stream | | |
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : 05 Lit./One |
| Date of Sampling : | 17/05/2023 | Sampling Procedure : IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : QC/Env. Monitoring |
| Sample Receipt Date : | 18/05/2023 | Lab ID. : BL/2305/02 |
| Packing/ Seal : | Sealed | Test Parameters : As per table |
| Date of Starting of Test : | 18/05/2023 | Date of Completion of Test : 27/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.48 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4368 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.62 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2754 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 0.56 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 21 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 896 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 361 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.45 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 987 | APHA(23 rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 192 | APHA(23 rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.56 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23 rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23 rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23 rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23 rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23 rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23 rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23 rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.135 | APHA (23 rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.092 | APHA (23 rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23 rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.60 | APHA(23 rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 152 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...**H. T. Shah
Lab. Manager****Dr. Arun Bajpai
Lab Manager(Q)**

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- ISO 9001 : 2008

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Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com



TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

| | | |
|---|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0072 |
| | Issue Date : | 27/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |


Sampling Location : **EB5 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 13 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 361 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.7 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.9 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0072 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB5 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|---|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0073 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

| | |
|-------------------|--------------------------------|
| Sampling Location | : EB3 Down Stream (New) |
|-------------------|--------------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 17/05/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 18/05/2023 | Lab ID. | : BL/2305/03 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 18/05/2023 | Date of Completion of Test | : 27/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.44 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2395 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.74 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1523 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.69 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 12 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 472 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 321 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 1.95 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 369 | APHA(23 rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 267 | APHA(23 rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.65 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23 rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23 rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23 rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23 rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23 rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23 rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23 rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.140 | APHA (23 rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.110 | APHA (23 rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.24 | APHA (23 rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.84 | APHA(23 rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 65.2 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0073 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


Sampling Location : **EB3 Down Stream (New)**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 74.16 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 256 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.8 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 3.9 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0073 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB3 Down Stream (New)**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/L.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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- OHSAS 18001 : 2007
- ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0074 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
| Sampling Location : HB2 Down Stream (New) | |
| Description of Sample : Ground Water sample | Quantity/No. of Samples : 05 Lit./One |
| Date of Sampling : 17/05/2023 | Sampling Procedure : IS:3025 |
| Sampling by : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : QC/Env. Monitoring |
| Sample Receipt Date : 18/05/2023 | Lab ID. : BL/2305/04 |
| Packing/ Seal : Sealed | Test Parameters : As per table |
| Date of Starting of Test : 18/05/2023 | Date of Completion of Test : 27/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.63 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2264 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.52 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1428 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.71 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 12 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 384 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 33 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 1.95 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 359 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 224 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.60 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.190 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.14 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.78 | PHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 54 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com



TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0074 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


Sampling Location : **HB2 Down Stream (New)**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 59.76 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 168 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 6.0 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 3.0 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0074 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB2 Down Stream (New)**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | USEPA 525.2 |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/L.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0075 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB5 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 17/05/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 18/05/2023 | Lab ID. | : BL/2305/05 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 18/05/2023 | Date of Completion of Test | : 27/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.09 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3018 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.84 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1896 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.54 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 23 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 536 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 460 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.01 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 531 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 250 | APHA (23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.75 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.106 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.11 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.66 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 124 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

| | | |
|---|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0075 |
| | Issue Date : | 27/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

Sampling Location : **HB5 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 54.24 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 371 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.6 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 6.4 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list



H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0075 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB5 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|------------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids (SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0076 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB4 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 17/05/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 18/05/2023 | Lab ID. | : BL/2305/06 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 18/05/2023 | Date of Completion of Test | : 27/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.12 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3287 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.42 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2072 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.09 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 24 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 604 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 372 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 1.86 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 609 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 231 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.64 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.065 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.4 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.71 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 104 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

| | | |
|---|-------------------|---------------------------|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0076 |
| | Issue Date : | 27/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 |
| | | Dated:21.04.2022 |

| | |
|---------------------|------------------------|
| Sampling Location : | HB4 Down Stream |
|---------------------|------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 82.56 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 183 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.0 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 4.40 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0076 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB4 Down Stream |
|-------------------|--------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/L.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0077 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB7 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 17/05/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 18/05/2023 | Lab ID. | : BL/2305/07 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 18/05/2023 | Date of Completion of Test | : 27/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.35 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4493 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.35 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2987 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.43 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 25 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 796 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 412 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 1.91 | IS 3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 819 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 302 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.20 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.072 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.144 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.70 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 128 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0077 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB7 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 88.56 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 483 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.95 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 7.92 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|---|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0077 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated: 21.04.2022 |
|---|---|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB7 Down Stream |
|-------------------|--------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | USEPA 525.2 |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/L, Dieldrin:0.01 µg/L, Alpha Endosulfan:0.1 µg/L, Beta Endosulfan:0.1 µg/L, Sulphate Endosulfan: 0.1 µg/L, Heptachlor:100 µg/L, MethoxyChlor: 100 µg/L,Chlorpyrifos: 0.1 µg/L, Malathion:0.1 µg/L, Phorate:0.1 µg/L, 2,4 DDT:0.1 µg/L,2,4 DDD:0.1 µg/L, 4,4 DDT: 0.1 µg/L, 4,4 DDE:0.1 µg/L,Alachlor:0.1 µg/L, Butachlor: 0.1µg/L,Alpha-HCH:0.001 µg/L, Beta-HCH:0.01 µg/L, Gamma-HCH:0.1 µg/L, Ethion:0.1 µg/L, Delta HCH:0.01 µg/L, Monocrotophos:0.1 µg/L,Dimethoate:100 µg/L, Methyl Parathion:0.1 µg/L, Phosphamidon:100 µg/L, Profenophos: 100 µg/L, Quinaphos: 100 µg/L, Deltamethrin:100 µg/L, Fenpropethrin:100 µg/L, Alpha-Cypermethrin:100 µg/L, Beta-Cyfluthrin:100 µg/L, Cyhalothrin:100 µg/L, Pendimethalin:100 µg/L, Dicofol:100 µg/L, Hexachlorobenzene (HCB):100 µg/L, Fluchloralin:100 µg/L, Fenvalerate:100 µg/L.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0078 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : EB9 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 17/05/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 18/05/2023 | Lab ID. | : BL/2305/08 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 18/05/2023 | Date of Completion of Test | : 27/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.75 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 20 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 8184 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 1.09 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 5156 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 14 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 96 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 2128 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 356 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.75 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 2124 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 286 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.26 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.105 | APHA (23 rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.172 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.95 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 612 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

| | | |
|---|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0078 |
| | Issue Date : | 27/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|---------------------|----------------------|
| Sampling Location : | EB9 Up Stream |
|---------------------|----------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 143 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 582 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.97 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 29 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list



H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0078 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : EB9 Up Stream |
|-------------------|------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | α-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0079 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB10 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 17/05/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 18/05/2023 | Lab ID. | : BL/2305/09 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 18/05/2023 | Date of Completion of Test | : 27/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.49 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3312 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.56 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2080 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 4.96 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 21 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 614 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 174 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.94 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 649 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 256 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.25 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.052 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.11 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.56 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 150 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

| | | |
|---|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0079 |
| | Issue Date : | 27/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |


| | |
|---------------------|-----------------------|
| Sampling Location : | EB10 Up Stream |
|---------------------|-----------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|----------------|------------------------|-------------|---------------|---|
| 28 | Magnesium as Mg | mg/L | 71.28 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 390 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 10 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 8.0 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|---|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0079 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated: 21.04.2022 |
|---|---|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB10 Up Stream |
|-------------------|-------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/L, Dieldrin:0.01 µg/L, Alpha Endosulfan:0.1 µg/L, Beta Endosulfan:0.1 µg/L, Sulphate Endosulfan: 0.1 µg/L, Heptachlor:100 µg/L, MethoxyChlor: 100 µg/L,Chlorpyrifos: 0.1 µg/L, Malathion:0.1 µg/L, Phorate:0.1 µg/L, 2,4 DDT:0.1 µg/L,2,4 DDD:0.1 µg/L, 4,4 DDT: 0.1 µg/L, 4,4 DDE:0.1 µg/L,Alachlor:0.1 µg/L, Butachlor: 0.1µg/L,Alpha-HCH:0.001 µg/L, Beta-HCH:0.01 µg/L, Gamma-HCH:0.1 µg/L, Ethion:0.1 µg/L, Delta HCH:0.01 µg/L, Monocrotophos:0.1 µg/L,Dimethoate:100 µg/L, Methyl Parathion:0.1 µg/L, Phosphamidon:100 µg/L, Profenophos: 100 µg/L, Quinaphos: 100 µg/L, Deltamethrin:100 µg/L, Fenpropethrin:100 µg/L, Alpha-Cypermethrin:100 µg/L, Beta-Cyfluthrin:100 µg/L, Cyhalothrin:100 µg/L, Pendimethalin:100 µg/L, Dicofol:100 µg/L, Hexachlorobenzene (HCB):100 µg/L, Fluchloralin:100 µg/L, Fenvalerate:100 µg/L.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0080 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB11 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 17/05/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 18/05/2023 | Lab ID. | : BL/2305/10 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 18/05/2023 | Date of Completion of Test | : 27/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.03 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 5704 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 1.14 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 11 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 3611 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 15.30 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 56 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1551 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 372 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 1.94 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1209 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 274 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.83 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.049 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.12 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.63 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 360 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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**"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.**

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com



TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

| | | |
|---|-------------------|---------------------------|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0080 |
| | Issue Date : | 27/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 |
| | | Dated:21.04.2022 |


| | |
|---------------------|-----------------------|
| Sampling Location : | EB11 Up Stream |
|---------------------|-----------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 150 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 505 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 8.0 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 14.8 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0080 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB11 Up Stream |
|-------------------|-------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | USEPA 525.2 |
| 34.7 | Heptachlor | µg/L | Not Detected | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | α-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0081 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : HB1 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 17/05/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 18/05/2023 | Lab ID. | : BL/2305/11 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 18/05/2023 | Date of Completion of Test | : 27/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.96 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 6513 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.92 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 4109 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.87 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 30 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1578 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 472 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.14 | IS :3025 (Part-34): Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1649 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 203 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.25 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.093 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.061 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.49 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 304 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

| | | |
|---|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0081 |
| | Issue Date : | 27/05/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

Sampling Location : **HB1 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|----------------|------------------------|-------------|---------------|---|
| 28 | Magnesium as Mg | mg/L | 196 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 398 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.75 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 8.86 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.
**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0081 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : HB1 Up Stream |
|-------------------|------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l, 2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0082 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB6 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 17/05/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 18/05/2023 | Lab ID. | : BL/2305/12 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 18/05/2023 | Date of Completion of Test | : 27/05/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.25 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3256 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.61 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 9.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2045 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.91 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 16 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 572 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 363 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 1.25 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 566 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 247 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.74 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.092 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.099 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.72 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 112 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0082 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB6 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 70.08 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 449 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.76 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 6.0 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0082 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB6 Down Stream |
|-------------------|--------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l, 2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/L.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0103 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| |
|---|
| Sampling Location : EB-4 Up Stream |
|---|

| | |
|--|--|
| Description of Sample : Ground Water sample | Quantity/No. of Samples : 05 Lit./One |
| Date of Sampling : 01/06/2023 | Sampling Procedure : IS:3025 |
| Sampling by : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : QC/Env. Monitoring |
| Sample Receipt Date : 02/06/2023 | Lab ID. : BL/2306/01 |
| Packing/ Seal : Sealed | Test Parameters : As per table |
| Date of Starting of Test : 02/06/2023 | Date of Completion of Test : 12/06/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.06 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 6391 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 1.59 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 4029 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.34 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 26 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1836 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 352 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.31 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1674 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 237 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.09 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.087 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.13 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.56 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 368 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
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|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB-4 Up Stream |
|-------------------|-------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 219 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 208 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.36 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 6.8 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
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|---|--|

Sampling Location : **EB-4 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/L


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|--|---|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0104 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
| Sampling Location : EB5 Up Stream | |
| Description of Sample : Ground Water sample Date of Sampling : 01/06/2023 Sampling by : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 02/06/2023 Packing/ Seal : Sealed Date of Starting of Test : 02/06/2023 | Quantity/No. of Samples : 05 Lit./One Sampling Procedure : IS:3025 Protocol (purpose) : QC/Env. Monitoring Lab ID. : BL/2306/02 Test Parameters : As per table Date of Completion of Test : 12/06/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.08 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4412 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.57 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2781 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 0.49 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 15 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 816 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 346 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.61 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 849 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 197 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.61 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.175 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.13 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.79 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 143 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.



TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | | |
|---|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0104 |
| | Issue Date : | 12/06/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|---------------------|----------------------|
| Sampling Location : | EB5 Up Stream |
|---------------------|----------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 109 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 351 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.96 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 6.1 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0104 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB5 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0105 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Sampling Location | : EB3 Down Stream (New) | | |
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 01/06/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 02/06/2023 | Lab ID. | : BL/2306/03 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 02/06/2023 | Date of Completion of Test | : 12/06/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.72 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2389 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.84 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1514 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.28 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 11 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 439 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 297 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.08 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 349 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 268 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.48 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.132 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.095 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.31 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.75 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 50 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0105 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB3 Down Stream (New)**


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 75.36 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 217 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.29 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.4 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0105 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB3 Down Stream (New)**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenproprithrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenproprithrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/L.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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- ISO 14001 : 2004
- OHSAS 18001 : 2007
- ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0106 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|--|---|
| Sampling Location : HB2 Down Stream (New) | Description of Sample : Ground Water sample Quantity/No. of Samples : 05 Lit./One Date of Sampling : 01/06/2023 Sampling Procedure : IS:3025 Sampling by : Pollucon Laboratories Pvt. Ltd. Protocol (purpose) : QC/Env. Monitoring Sample Receipt Date : 02/06/2023 Lab ID. : BL/2306/04 Packing/ Seal : Sealed Test Parameters : As per table Date of Starting of Test : 02/06/2023 Date of Completion of Test : 12/06/2023 |
|--|---|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.46 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 4.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2220 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.67 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1399 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.38 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 12 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 428 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 346 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 1.87 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 339 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 214 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.47 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.31 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.23 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.62 | PHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 50.4 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | | |
|---|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0106 |
| | Issue Date : | 12/06/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |


| | |
|---------------------|------------------------------|
| Sampling Location : | HB2 Down Stream (New) |
|---------------------|------------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 72.48 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 174 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.10 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 3.8 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
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| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0106 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB2 Down Stream (New)**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/L.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0107 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|--|--|
| Sampling Location : HB5 Down Stream | |
| Description of Sample : Ground Water sample | Quantity/No. of Samples : 05 Lit./One |
| Date of Sampling : 01/06/2023 | Sampling Procedure : IS:3025 |
| Sampling by : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : QC/Env. Monitoring |
| Sample Receipt Date : 02/06/2023 | Lab ID. : BL/2306/05 |
| Packing/ Seal : Sealed | Test Parameters : As per table |
| Date of Starting of Test : 02/06/2023 | Date of Completion of Test : 12/06/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.21 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2998 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.69 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1893 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.13 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 16 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 542 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 418 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.34 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 523 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 239 | APHA (23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.96 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.096 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.13 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.56 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 100 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
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| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0107 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB5 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 69.6 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 371 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.56 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 3.8 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
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|---|--|

Sampling Location : **HB5 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenproprithrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenproprithrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/L.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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- GPCB approved schedule II auditor
- ISO 14001 : 2004
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- ISO 9001 : 2008

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0108 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|--|---|
| Sampling Location : HB4 Down Stream | Description of Sample : Ground Water sample Quantity/No. of Samples : 05 Lit./One Date of Sampling : 01/06/2023 Sampling Procedure : IS:3025 Sampling by : Pollucon Laboratories Pvt. Ltd. Protocol (purpose) : QC/Env. Monitoring Sample Receipt Date : 02/06/2023 Lab ID. : BL/2306/06 Packing/ Seal : Sealed Test Parameters : As per table Date of Starting of Test : 02/06/2023 Date of Completion of Test : 12/06/2023 |
|--|---|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.18 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3269 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.67 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2059 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 4.12 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 21 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 576 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 360 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.39 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 595 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 243 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.49 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.12 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.31 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.582 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 100 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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 ● GPCB approved schedule II auditor
 ● ISO 14001 : 2004
 ● OHSAS 18001 : 2007
 ● ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0108 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB4 Down Stream**


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 78 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 183 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.2 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.6 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0108 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB4 Down Stream |
|-------------------|--------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenproprithrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenproprithrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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- GPCB approved schedule II auditor
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**"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.**

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0109 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB7 Down Stream**

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 01/06/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 02/06/2023 | Lab ID. | : BL/2306/07 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 02/06/2023 | Date of Completion of Test | : 12/06/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.18 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 20 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4361 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.53 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2743 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.90 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 26 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 690 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 384 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.06 | 7IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 829 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 305 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.53 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.097 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.12 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.64 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 123 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | | |
|---|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0109 |
| | Issue Date : | 12/06/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|---------------------|------------------------|
| Sampling Location : | HB7 Down Stream |
|---------------------|------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 91.68 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 436 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.94 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 7.2 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0109 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB7 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenproprithrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenproprithrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|--|---|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0110 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
| Sampling Location : EB9 Up Stream | |
| Description of Sample : Ground Water sample Date of Sampling : 01/06/2023 Sampling by : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 02/06/2023 Packing/ Seal : Sealed Date of Starting of Test : 02/06/2023 | Quantity/No. of Samples : 05 Lit./One Sampling Procedure : IS:3025 Protocol (purpose) : QC/Env. Monitoring Lab ID. : BL/2306/08 Test Parameters : As per table Date of Completion of Test : 12/06/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.93 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 20 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 8352 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 1.14 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 5262 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 14.6 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 94.2 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 2144 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 334 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.85 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 2234 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 290 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.15 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.136 | APHA (23 rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.24 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.79 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 623 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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 ● GPCB approved schedule II auditor
 ● ISO 14001 : 2004
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 ● ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0110 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : EB9 Up Stream |
|-------------------|------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 140 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 584 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.76 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 17 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.**

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0110 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB9 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenproprithrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenproprithrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/L.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0111 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|--|--|
| Sampling Location : EB10 Up Stream | |
| Description of Sample : Ground Water sample | Quantity/No. of Samples : 05 Lit./One |
| Date of Sampling : 01/06/2023 | Sampling Procedure : IS:3025 |
| Sampling by : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : QC/Env. Monitoring |
| Sample Receipt Date : 02/06/2023 | Lab ID. : BL/2306/09 |
| Packing/ Seal : Sealed | Test Parameters : As per table |
| Date of Starting of Test : 02/06/2023 | Date of Completion of Test : 12/06/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.49 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3032 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.69 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1915 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 5.94 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 14 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 524 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 159 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.75 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 609 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 258 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.56 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.094 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.136 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.47 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 124 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | | |
|---|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0111 |
| | Issue Date : | 12/06/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

Sampling Location : **EB10 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 50.88 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 358 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 7.91 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 6.2 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0111 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB10 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenproprithrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenproprithrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/L.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|--|---|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0112 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
| Sampling Location : EB11 Up Stream | |
| Description of Sample : Ground Water sample Date of Sampling : 01/06/2023 Sampling by : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 02/06/2023 Packing/ Seal : Sealed Date of Starting of Test : 02/06/2023 | Quantity/No. of Samples : 05 Lit./One Sampling Procedure : IS:3025 Protocol (purpose) : QC/Env. Monitoring Lab ID. : BL/2306/10 Test Parameters : As per table Date of Completion of Test : 12/06/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.12 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 5548 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 2.1 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 3498 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 21 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 69 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1526 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 350 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.06 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1149 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 237 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.18 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.068 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.16 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.59 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 310 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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- ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0112 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB11 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 180 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 486 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.19 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 17 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.**

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0112 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB11 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenproprithrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenproprithrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/L.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0113 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : HB1 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 01/06/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 02/06/2023 | Lab ID. | : BL/2306/11 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 02/06/2023 | Date of Completion of Test | : 12/06/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.12 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 6423 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.73 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 4047 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.69 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 27 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1482 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 458 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.09 | IS :3025 (Part-34): Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1619 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 204 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.63 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.124 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.089 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.356 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 303 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | | |
|---|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0113 |
| | Issue Date : | 12/06/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|---------------------|----------------------|
| Sampling Location : | HB1 Up Stream |
|---------------------|----------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 173 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 371 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.61 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 7.2 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah

Lab. Manager


Dr. Arun Bajpai

Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0113 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : HB1 Up Stream |
|-------------------|------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0114 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB6 Down Stream**

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 01/06/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 02/06/2023 | Lab ID. | : BL/2306/12 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 02/06/2023 | Date of Completion of Test | : 12/06/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.1 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3304 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.71 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2081 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.24 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 17 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 488 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 359 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 1.72 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 573 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 256 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.03 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.103 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.12 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.63 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 112 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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- ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0114 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB6 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 49.92 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 461 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 8.15 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 7.8 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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- GPCB approved schedule II auditor
- ISO 14001 : 2004
- OHSAS 18001 : 2007
- ISO 9001 : 2008

**"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.**

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0114 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB6 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenpropethrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/L.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0140 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|-------------------------|
| Sampling Location | : EB-4 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/07/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/07/2023 | Lab ID. | : BL/2307/04 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/07/2023 | Date of Completion of Test | : 11/07/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.71 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 13 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 6272 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 1.12 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 3959 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.8 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 34 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1832 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 390 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.71 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1669 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 228 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.63 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.095 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.106 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.692 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 340 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | | |
|---|-------------------|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : | PL/BL/23/0140 |
| | Issue Date : | 11/07/2023 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|---------------------|-----------------------|
| Sampling Location : | EB-4 Up Stream |
|---------------------|-----------------------|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|----------------|------------------------|-------------|---------------|---|
| 28 | Magnesium as Mg | mg/L | 235 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 185 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.20 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 8.2 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0140 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB-4 Up Stream |
|-------------------|-------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/L.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0141 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : EB5 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/07/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/07/2023 | Lab ID. | : BL/2307/05 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/07/2023 | Date of Completion of Test | : 11/07/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.97 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4287 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.43 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2713 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 0.9 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 16 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 796 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 362 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.04 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 829 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 188 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 3.02 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.206 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.23 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.85 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 164 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
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|---|--|

| |
|--|
| Sampling Location : EB5 Up Stream |
|--|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 151 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 325 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.0 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 6.9 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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- GPCB approved schedule II auditor
- ISO 14001 : 2004
- OHSAS 18001 : 2007
- ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0141 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : EB5 Up Stream |
|-------------------|------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenpropethrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l, 2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0142 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------------|
| Sampling Location | : EB3 Down Stream (New) |
|-------------------|--------------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/07/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/07/2023 | Lab ID. | : BL/2307/06 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/07/2023 | Date of Completion of Test | : 11/07/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.31 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2834 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.67 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1535 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.2 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 15 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 492 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 316 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.37 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 365 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 231 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.83 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.168 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.127 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.29 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.693 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 64 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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 • GPCB approved schedule II auditor
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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0142 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| |
|--|
| Sampling Location : EB3 Down Stream (New) |
|--|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 79.68 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 275 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.19 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 3.2 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0142 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB3 Down Stream (New)**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenpropethrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l, 2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0143 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------------|
| Sampling Location | : HB2 Down Stream (New) |
|-------------------|--------------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/07/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/07/2023 | Lab ID. | : BL/2307/07 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/07/2023 | Date of Completion of Test | : 11/07/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.39 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2288 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.71 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1439 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.0 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 14 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 423 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 412 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.31 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 369 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 230 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.7 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.24 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.48 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.095 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.846 | PHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 60 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0143 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------------|
| Sampling Location | : HB2 Down Stream (New) |
|-------------------|--------------------------------|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 65.52 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 168 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 6.0 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 2.9 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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 • GPCB approved schedule II auditor
 • ISO 14001 : 2004
 • OHSAS 18001 : 2007
 • ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0143 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB2 Down Stream (New)**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenpropethrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0144 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB5 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/07/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/07/2023 | Lab ID. | : BL/2307/08 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/07/2023 | Date of Completion of Test | : 11/07/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.36 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3051 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.829 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1921 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.2 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 18 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 586 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 512 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.06 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 539 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 226 | APHA (23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.84 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.132 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.215 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.746 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 109 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0144 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB5 Down Stream |
|-------------------|--------------------------|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 74.88 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 385 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.60 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.12 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0144 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB5 Down Stream |
|-------------------|--------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenpropethrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l, 2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0145 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB4 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/07/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/07/2023 | Lab ID. | : BL/2307/09 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/07/2023 | Date of Completion of Test | : 11/07/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.11 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3373 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.54 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2125 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 5.2 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 22 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 570 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 410 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.76 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 616 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 242 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.75 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.094 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.285 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.087 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.694 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 114 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
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|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB4 Down Stream |
|-------------------|--------------------------|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 68.4 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 195 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.0 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 6.2 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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 • GPCB approved schedule II auditor
 • ISO 14001 : 2004
 • OHSAS 18001 : 2007
 • ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0145 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB4 Down Stream |
|-------------------|--------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenpropethrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l, 2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0146 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB7 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/07/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/07/2023 | Lab ID. | : BL/2307/10 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/07/2023 | Date of Completion of Test | : 11/07/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.0 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 20 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4442 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.71 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2799 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.0 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 24 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 684 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 402 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.54 | 7IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 804 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 309 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.84 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.176 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.23 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.091 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.89 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 148 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0146 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| |
|--|
| Sampling Location : HB7 Down Stream |
|--|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 75.36 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 425 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.0 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.2 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0146 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB7 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenpropethrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l, 2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
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| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0147 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : EB9 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/07/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/07/2023 | Lab ID. | : BL/2307/11 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/07/2023 | Date of Completion of Test | : 11/07/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.72 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 18 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 8396 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 1.4 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 5291 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 18 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 99 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 2092 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 396 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.12 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 2238 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 338 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.83 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.193 | APHA (23 rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.38 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.92 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 584 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

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|---|--|

| |
|--|
| Sampling Location : EB9 Up Stream |
|--|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 186 | IS 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 580 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.0 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 18.6 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0147 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : EB9 Up Stream |
|-------------------|------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenpropethrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l, 2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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 ● GPCB approved schedule II auditor
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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0148 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB10 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/07/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/07/2023 | Lab ID. | : BL/2307/12 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/07/2023 | Date of Completion of Test | : 11/07/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.34 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3358 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.71 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2116 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 4.0 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 13 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 562 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 193 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.15 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 589 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 260 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.04 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.126 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.270 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.71 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 94 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0148 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB10 Up Stream |
|-------------------|-------------------------|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 78.48 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 350 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 7.5 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 7.9 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
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| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0148 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB10 Up Stream |
|-------------------|-------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenpropethrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l, 2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0149 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|-------------------------|
| Sampling Location | : EB11 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/07/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/07/2023 | Lab ID. | : BL/2307/13 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/07/2023 | Date of Completion of Test | : 11/07/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.20 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 5443 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 1.96 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 3431 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 16.3 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 63 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1454 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 398 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.71 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1109 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 251 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.67 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.124 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.185 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.073 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.89 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 310 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
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|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB11 Up Stream |
|-------------------|-------------------------|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 162 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 504 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.0 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 19.6 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0149 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB11 Up Stream |
|-------------------|-------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenpropethrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l, 2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0150 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : HB1 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/07/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/07/2023 | Lab ID. | : BL/2307/14 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/07/2023 | Date of Completion of Test | : 11/07/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.78 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | umhos/cm | 6541 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.61 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 4421 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.5 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 25 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1476 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 506 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.70 | IS :3025 (Part-34): Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1644 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 204 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.26 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.095 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.076 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.564 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 300 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0150 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : HB1 Up Stream |
|-------------------|------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 174 | IS 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 388 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.0 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 6.9 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0150 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : HB1 Up Stream |
|-------------------|------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyriphos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenpropethrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0151 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|--------------------------|
| Sampling Location | : HB6 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/07/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/07/2023 | Lab ID. | : BL/2307/15 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/07/2023 | Date of Completion of Test | : 11/07/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.31 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3409 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.98 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 9.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2148 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.6 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 14.0 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 601 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 502 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.95 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 630 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 265 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.61 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.148 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.203 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.75 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 126 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0151 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| |
|--|
| Sampling Location : HB6 Down Stream |
|--|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 68.64 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 452 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.0 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 4.2 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0151 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB6 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|------------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids (SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenpropethrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0165 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB-4 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 03/08/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 04/08/2023 | Lab ID. | : BL/2308/12 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/08/2023 | Date of Completion of Test | : 12/08/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.86 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 6208 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 1.04 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 3915 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 5.2 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 30 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1840 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 356 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.29 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1489 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 236 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.34 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.13 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.15 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.53 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 396 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0165 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------|
| Sampling Location | : EB-4 Up Stream |
|-------------------|------------------|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 204 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 210 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.76 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 7.2 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list





H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


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|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB-4 Up Stream |
|-------------------|-------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
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| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0166 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|------------------------|
| Sampling Location | : EB5 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 03/08/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 04/08/2023 | Lab ID. | : BL/2308/13 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/08/2023 | Date of Completion of Test | : 12/08/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.05 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 4.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4295 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.75 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2709 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.2 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 14.85 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 720 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 364 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.74 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 744 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 198 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.68 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.18 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.16 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.72 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 152 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0166 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : EB5 Up Stream |
|-------------------|------------------------|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 81.60 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 348 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.98 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 3.60 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
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|---|--|

Sampling Location : **EB5 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0167 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------------|
| Sampling Location | : EB3 Down Stream (New) |
|-------------------|--------------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 03/08/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 04/08/2023 | Lab ID. | : BL/2308/14 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/08/2023 | Date of Completion of Test | : 12/08/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.39 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2389 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.87 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1498 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 0.82 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 12.6 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 436 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 364 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.12 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 344 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 259 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.32 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.13 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.09 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.25 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.58 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 69.6 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0167 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB3 Down Stream (New)**


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 62.88 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 245 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.68 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 4.31 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0167 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB3 Down Stream (New)**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0168 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|--------------------------------|
| Sampling Location | : HB2 Down Stream (New) |
|-------------------|--------------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 03/08/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 04/08/2023 | Lab ID. | : BL/2308/15 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/08/2023 | Date of Completion of Test | : 12/08/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.43 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2168 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.52 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1365 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.14 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 12.8 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 396 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 360 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.24 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 319 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 208 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.45 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.20 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.25 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.72 | PHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 56.0 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
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|---|--|

| | |
|-------------------|--------------------------------|
| Sampling Location | : HB2 Down Stream (New) |
|-------------------|--------------------------------|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 61.44 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 165 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.97 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 3.25 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0168 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB2 Down Stream (New)**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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**"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.**

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0169 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|--------------------------|
| Sampling Location | : HB5 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 03/08/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 04/08/2023 | Lab ID. | : BL/2308/16 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/08/2023 | Date of Completion of Test | : 12/08/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.13 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3168 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.92 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1994 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.65 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 17.82 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 636 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 440 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.19 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 589 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 223 | APHA (23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.04 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.09 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.25 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.63 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 118 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0169 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB5 Down Stream |
|-------------------|--------------------------|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 81.6 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 367 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.90 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 4.12 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


| | |
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| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0169 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB5 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0170 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB4 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 03/08/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 04/08/2023 | Lab ID. | : BL/2308/17 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/08/2023 | Date of Completion of Test | : 12/08/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.02 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3384 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.47 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2135 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.87 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 23.76 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 620 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 492 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.46 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 584 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 243 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.37 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.12 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.17 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.06 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.78 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 123 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
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|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB4 Down Stream |
|-------------------|--------------------------|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|---------------------|---|
| 28 | Magnesium as Mg | mg/L | 74.88 | IS 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 179 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.21 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 4.10 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


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|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0170 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB4 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0171 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|--------------------------|
| Sampling Location | : HB7 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 03/08/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 04/08/2023 | Lab ID. | : BL/2308/18 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/08/2023 | Date of Completion of Test | : 12/08/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.01 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 20 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4528 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.61 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2861 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.6 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 26.73 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 728 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 396 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.29 | 7IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 834 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 335 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.03 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.15 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.18 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.07 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.64 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 169 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0171 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| |
|--|
| Sampling Location : HB7 Down Stream |
|--|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 72.96 | IS 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 413 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.89 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 6.0 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0171 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB7 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0173 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|-------------------------|
| Sampling Location | : EB10 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 03/08/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 04/08/2023 | Lab ID. | : BL/2308/20 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/08/2023 | Date of Completion of Test | : 12/08/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.36 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3349 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.73 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2113 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.21 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 18.96 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 668 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 332 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.52 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 639 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 266 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.96 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.08 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.39 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.66 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 110 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0173 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| |
|---|
| Sampling Location : EB10 Up Stream |
|---|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 94.08 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 384 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.08 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 3.89 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0173 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB10 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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 • GPCB approved schedule II auditor
 • ISO 14001 : 2004
 • OHSAS 18001 : 2007
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**"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.**

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0175 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : HB1 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 03/08/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 04/08/2023 | Lab ID. | : BL/2308/22 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/08/2023 | Date of Completion of Test | : 12/08/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.99 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 6378 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.48 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 4019 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.7 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 25.74 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1470 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 396 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.47 | IS :3025 (Part-34): Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1509 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 202 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.59 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.08 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.09 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.63 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 328 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0175 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

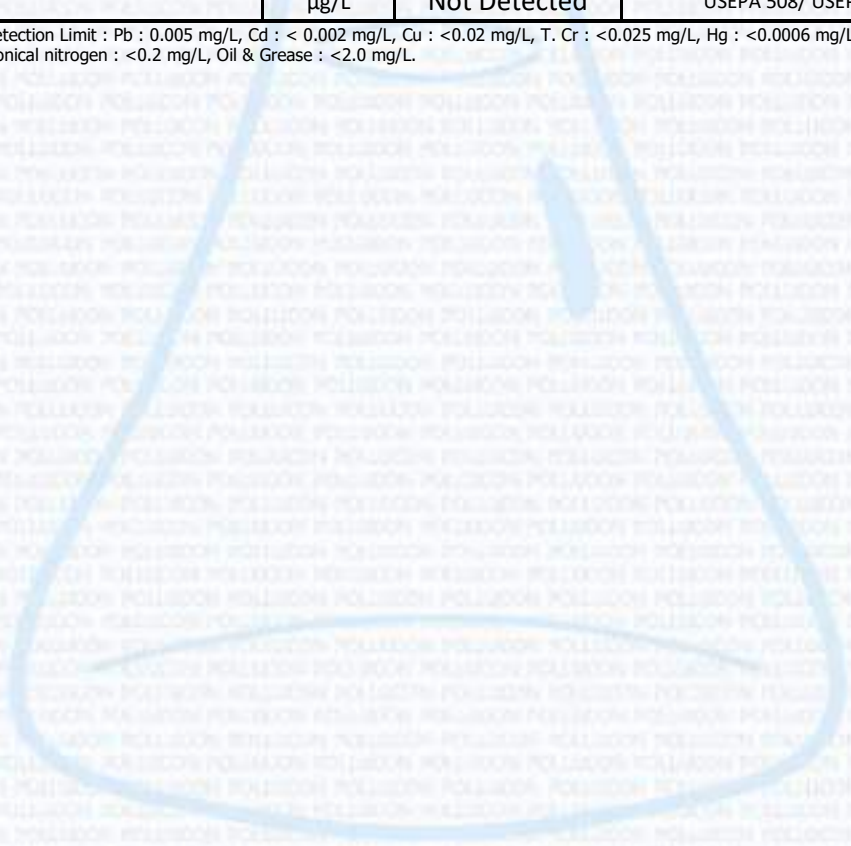
Sampling Location : **HB1 Up Stream**


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 156 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 387 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.13 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 4.93 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : < 0.02 mg/L, T. Cr : < 0.025 mg/L, Hg : < 0.0006 mg/L, Ni : < 0.01 mg/L, CN : < 0.001 mg/L, As : < 0.005 mg/L, Ammonical nitrogen : < 0.2 mg/L, Oil & Grease : < 2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0175 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : HB1 Up Stream |
|-------------------|------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0176 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|--------------------------|
| Sampling Location | : HB6 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 03/08/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 04/08/2023 | Lab ID. | : BL/2308/23 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/08/2023 | Date of Completion of Test | : 12/08/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.29 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3470 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.85 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2187 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.6 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 17.82 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 628 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 448 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.35 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 689 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 278 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.27 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.13 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.15 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.59 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 152 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0176 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| |
|--|
| Sampling Location : HB6 Down Stream |
|--|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 59.52 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 456 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.13 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.26 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

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|---|--|

Sampling Location : **HB6 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0172 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : EB9 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 03/08/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 04/08/2023 | Lab ID. | : BL/2308/19 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/08/2023 | Date of Completion of Test | : 12/08/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.59 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3112 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 1.0 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1957 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 4.23 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 25 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 638 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 380 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.58 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 584 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 250 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.48 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.17 | APHA (23 rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.26 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.85 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 108 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0172 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| |
|--|
| Sampling Location : EB9 Up Stream |
|--|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 88.32 | IS 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 438 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.19 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 7.11 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0172 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB9 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0174 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|-------------------------|
| Sampling Location | : EB11 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 03/08/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 04/08/2023 | Lab ID. | : BL/2308/21 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/08/2023 | Date of Completion of Test | : 12/08/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.95 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 20 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 5523 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 1.67 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 3479 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 18.59 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 63 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1430 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 392 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.19 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 964 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 296 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.51 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.09 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.12 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.62 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 316 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0174 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB11 Up Stream |
|-------------------|-------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 153 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 475 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.41 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 14.2 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

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| | |
|---|--|
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|---|--|

Sampling Location : **EB11 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0188 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|-------------------------|
| Sampling Location | : EB-4 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/20 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.98 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 6319 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.87 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 3981 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 5.3 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 29.7 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1790 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 380 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.74 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1489 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 239 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.55 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.107 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.26 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.428 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 360 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0188 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| |
|---|
| Sampling Location : EB-4 Up Stream |
|---|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 213 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 382 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.05 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 6.12 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0188 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB-4 Up Stream |
|-------------------|-------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0189 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : EB5 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/21 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.02 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4206 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.63 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2650 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.0 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 15 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 700 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 324 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.18 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 804 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 201 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.14 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.21 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.224 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.625 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 136 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
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|---|--|

| |
|--|
| Sampling Location : EB5 Up Stream |
|--|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 86 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 337 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.19 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 4.88 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0189 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB5 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.**

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0190 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|--------------------------------|
| Sampling Location | : EB3 Down Stream (New) |
|-------------------|--------------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/22 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.45 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2278 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.61 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1436 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.3 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 16.0 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 468 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 378 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.35 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 339 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 247 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.78 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.23 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.132 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.215 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.854 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 89.6 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0190 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB3 Down Stream (New)**


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 58.56 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 274 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.24 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 4.10 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

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|---|--|

Sampling Location : **EB3 Down Stream (New)**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0191 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


Sampling Location : **HB2 Down Stream (New)**

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/23 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.56 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2056 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.32 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1294 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 0.9 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 12.3 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 352 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 302 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 1.84 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 284 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 210 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.37 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.252 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.321 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.532 | PHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 62.4 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
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|---|--|

| |
|--|
| Sampling Location : HB2 Down Stream (New) |
|--|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 47.04 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 152 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.2 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 2.57 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

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|---|--|

Sampling Location : **HB2 Down Stream (New)**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0192 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB5 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/24 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.24 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3048 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.98 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1921 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.03 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 18.3 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 572 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 394 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.57 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 484 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 223 | APHA (23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.60 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.124 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.197 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.512 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 109 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0192 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB5 Down Stream**


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 71.52 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 355 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.99 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 3.83 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0192 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB5 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0193 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|--------------------------|
| Sampling Location | : HB4 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/25 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.10 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3251 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.64 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2051 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.6 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 17 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 582 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 412 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 1.62 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 539 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 238 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.18 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.091 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.142 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.564 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 112 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0193 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB4 Down Stream**


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 72.48 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 198 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.82 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 3.96 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list





H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

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|---|--|

Sampling Location : **HB4 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0194 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB7 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/26 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.36 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4553 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 1.02 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2872 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.76 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 24 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 716 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 414 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.61 | 7IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 864 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 332 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.95 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.178 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.136 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.096 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.765 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 176 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.**

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0194 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB7 Down Stream**


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 66.24 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 443 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.41 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.87 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0194 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB7 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0195 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : EB9 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/27 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.76 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3152 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 1.15 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1985 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.87 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 30 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 738 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 416 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.96 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 574 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 178 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.71 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.201 | APHA (23 rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.189 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.746 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 134 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0195 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| |
|--|
| Sampling Location : EB9 Up Stream |
|--|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 96.98 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 419 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.12 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 8.36 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0195 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB9 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0196 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|-------------------------|
| Sampling Location | : EB10 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/28 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.42 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3365 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.64 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2118 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 269.0 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 15.60 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 578 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 298 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.35 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 654 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 262 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.67 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.102 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.244 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.587 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 96 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.**

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0196 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB10 Up Stream |
|-------------------|-------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 81.12 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 324 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.55 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 4.22 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0196 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB10 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0197 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB11 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/29 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.05 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 5437 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 1.26 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 3425 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 9.32 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 70 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1470 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 332 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.52 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 894 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 288 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.09 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.089 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.174 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.556 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 304 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0197 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB11 Up Stream**


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 170 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 358 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.67 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 11.84 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list





H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0197 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB11 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.**

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0198 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : HB1 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/30 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.07 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 6358 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.67 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 4012 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.3 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 25.00 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1430 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 320 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.4 | IS :3025 (Part-34): Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1529 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 198 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.27 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.132 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.120 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.498 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 312 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0198 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : HB1 Up Stream |
|-------------------|------------------------|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 156 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 385 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.84 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.12 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
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|---|--|

Sampling Location : **HB1 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0199 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB6 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/31 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.18 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3482 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.74 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2204 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.2 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 20 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 596 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 402 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.18 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 649 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 277 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.54 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.098 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.184 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.412 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 140 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0199 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB6 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 58.56 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 471 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.7 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.83 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

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|---|--|

Sampling Location : **HB6 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0188 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB-4 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/20 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.98 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 6319 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.87 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 3981 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 5.3 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 29.7 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1790 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 380 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.74 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1489 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 239 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.55 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.107 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.26 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.428 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 360 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0188 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| |
|---|
| Sampling Location : EB-4 Up Stream |
|---|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 213 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 382 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.05 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 6.12 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0188 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB-4 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0189 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : EB5 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/21 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.02 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4206 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.63 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2650 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.0 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 15 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 700 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 324 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.18 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 804 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 201 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.14 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.21 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.224 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.625 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 136 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
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|---|--|

| |
|--|
| Sampling Location : EB5 Up Stream |
|--|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 86 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 337 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.19 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 4.88 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

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| | |
|---|--|
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|---|--|

Sampling Location : **EB5 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0190 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|--------------------------------|
| Sampling Location | : EB3 Down Stream (New) |
|-------------------|--------------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/22 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.45 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2278 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.61 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1436 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.3 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 16.0 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 468 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 378 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.35 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 339 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 247 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.78 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.23 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.132 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.215 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.854 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 89.6 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0190 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB3 Down Stream (New)**


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 58.56 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 274 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.24 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 4.10 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
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|---|--|

Sampling Location : **EB3 Down Stream (New)**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
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| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0191 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


Sampling Location : **HB2 Down Stream (New)**

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/23 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.56 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2056 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.32 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1294 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 0.9 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 12.3 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 352 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 302 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 1.84 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 284 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 210 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.37 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.252 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.321 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.532 | PHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 62.4 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

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|---|--|

Sampling Location : **HB2 Down Stream (New)**


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 47.04 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 152 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.2 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 2.57 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

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|---|--|

Sampling Location : **HB2 Down Stream (New)**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0192 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|--------------------------|
| Sampling Location | : HB5 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|-----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/24 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test: | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.24 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3048 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.98 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1921 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.03 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 18.3 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 572 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 394 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.57 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 484 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 223 | APHA (23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.60 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.124 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.197 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.512 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 109 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0192 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB5 Down Stream**


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 71.52 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 355 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.99 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 3.83 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

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|---|--|

Sampling Location : **HB5 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0193 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB4 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/25 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.10 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3251 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.64 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2051 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.6 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 17 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 582 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 412 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 1.62 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 539 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 238 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.18 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.091 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.142 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.564 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 112 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0193 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB4 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 72.48 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 198 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.82 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 3.96 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


| | |
|---|--|
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|---|--|

Sampling Location : **HB4 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenproprithrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenproprithrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0194 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|--------------------------|
| Sampling Location | : HB7 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/26 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.36 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4553 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 1.02 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2872 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.76 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 24 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 716 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 414 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.61 | 7IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 864 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 332 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.95 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.178 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.136 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.096 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.765 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 176 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0194 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| |
|--|
| Sampling Location : HB7 Down Stream |
|--|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 66.24 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 443 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.41 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.87 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : < 0.02 mg/L, T. Cr : < 0.025 mg/L, Hg : < 0.0006 mg/L, Ni : < 0.01 mg/L, CN : < 0.001 mg/L, As : < 0.005 mg/L, Ammonical nitrogen : < 0.2 mg/L, Oil & Grease : < 2.0 mg/L.

**attached pesticides list




H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0194 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **HB7 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0195 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|


| | |
|-------------------|------------------------|
| Sampling Location | : EB9 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/27 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.76 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3152 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 1.15 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1985 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.87 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 30 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 738 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 416 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.96 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 574 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 178 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.71 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.201 | APHA (23 rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.189 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.746 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 134 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0195 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| |
|--|
| Sampling Location : EB9 Up Stream |
|--|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 96.98 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 419 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.12 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 8.36 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

| | |
|---|--|
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|---|--|

Sampling Location : **EB9 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0196 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB10 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/28 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.42 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3365 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.64 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2118 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 269.0 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 15.60 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 578 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 298 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.35 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 654 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 262 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.67 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.102 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.244 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.587 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 96 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0196 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB10 Up Stream**


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 81.12 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 324 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.55 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 4.22 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


| | |
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| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0196 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB10 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenproprithrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenproprithrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0197 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|-------------------------|
| Sampling Location | : EB11 Up Stream |
|-------------------|-------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/29 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.05 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 5437 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 1.26 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 3425 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 9.32 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 70 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1470 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 332 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.52 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 894 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 288 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.09 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.089 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.174 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.556 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 304 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0197 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

Sampling Location : **EB11 Up Stream**


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 170 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 358 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.67 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 11.84 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list





H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


| | |
|---|--|
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|---|--|

Sampling Location : **EB11 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.**

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0198 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : HB1 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/30 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.07 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 6358 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.67 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 4012 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.3 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 25.00 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1430 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 320 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.4 | IS :3025 (Part-34): Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1529 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 198 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.27 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.132 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.120 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.498 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 312 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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 Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0198 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|------------------------|
| Sampling Location | : HB1 Up Stream |
|-------------------|------------------------|


RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 156 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 385 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.84 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.12 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

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|---|--|
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|---|--|

Sampling Location : **HB1 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------------|----------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 |
| 34.2 | Dicofol | µg/L | Not Detected | |
| 34.3 | Dieldrin | µg/L | Not Detected | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | |
| 34.7 | Heptachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Not Detected | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | |
| 34.15 | Beta-HCH | µg/L | Not Detected | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | |
| 34.17 | σ-HCH | µg/L | Not Detected | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | |
| 34.19 | Dimethoate | µg/L | Not Detected | |
| 34.20 | Ethion | µg/L | Not Detected | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Not Detected | |
| 34.22 | Monocrotophos | µg/L | Not Detected | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | |
| 34.24 | Phorate | µg/L | Not Detected | |
| 34.25 | Phosphamidon | µg/L | Not Detected | |
| 34.26 | Profenophos | µg/L | Not Detected | |
| 34.27 | Quinaphos | µg/L | Not Detected | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Not Detected | |
| 34.30 | Fenvalerate | µg/L | Not Detected | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Not Detected | |
| 34.36 | Fluchloralin | µg/L | Not Detected | |
| 34.37 | Pendimethalin | µg/L | Not Detected | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin::100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0199 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

| | |
|-------------------|--------------------------|
| Sampling Location | : HB6 Down Stream |
|-------------------|--------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/09/2023 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/09/2023 | Lab ID. | : BL/2309/31 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/09/2023 | Date of Completion of Test | : 13/09/2023 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.18 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3482 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.74 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2204 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.2 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 20 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 596 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 402 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.18 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 649 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 277 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.54 | APHA (23 rd Edition) 4110 B |
| 15 | Lead as Pb | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 16 | Cadmium as Cd | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 17 | Copper as Cu | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 18 | Total Chromium | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 19 | Mercury as Hg | mg/L | Not Detected | APHA (23rd Edition) 3112 B |
| 20 | Nickel as Ni | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 21 | Cyanides as CN | mg/L | Not Detected | APHA (23 rd Edition) 4500 CN E Colorimetric Method |
| 22 | Arsenic as As | mg/L | Not Detected | APHA (23rd Edition) 3114 B |
| 23 | Manganese as Mn | mg/L | 0.098 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.184 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.412 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 140 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

| | |
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|---|--|

| |
|--|
| Sampling Location : HB6 Down Stream |
|--|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 58.56 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 471 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.7 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.83 | IS 3025 (Part-44) |
| 32 | Ammonical Nitrogen | mg/L | Not Detected | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Not Detected | USEPA 508/ USEPA 525.2/ USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : < 0.002 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.0006 mg/L, Ni : <0.01 mg/L, CN : <0.001 mg/L, As : <0.005 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2.0 mg/L.

**attached pesticides list




H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

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|---|--|

Sampling Location : **HB6 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Not Detected | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Not Detected | | |
| 34.3 | Dieldrin | µg/L | Not Detected | | |
| 34.4 | Alpha Endosulfan | µg/L | Not Detected | | |
| 34.5 | Beta Endosulfan | µg/L | Not Detected | | |
| 34.6 | Sulphate Endosulfan | µg/L | Not Detected | | |
| 34.7 | Heptachlor | µg/L | Not Detected | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Not Detected | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Not Detected | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Not Detected | | |
| 34.12 | 4,4 DDE | µg/L | Not Detected | | |
| 34.13 | 4,4 DDT | µg/L | Not Detected | | |
| 34.14 | Alpha-HCH | µg/L | Not Detected | | |
| 34.15 | Beta-HCH | µg/L | Not Detected | | |
| 34.16 | Gamma-HCH | µg/L | Not Detected | | |
| 34.17 | σ-HCH | µg/L | Not Detected | | |
| 34.18 | Chlorpyrifos | µg/L | Not Detected | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Not Detected | | |
| 34.20 | Ethion | µg/L | Not Detected | | |
| 34.21 | Malathion | µg/L | Not Detected | | |
| 34.22 | Monocrotophos | µg/L | Not Detected | | |
| 34.23 | Parathion-Methyl | µg/L | Not Detected | | |
| 34.24 | Phorate | µg/L | Not Detected | | |
| 34.25 | Phosphamidon | µg/L | Not Detected | | |
| 34.26 | Profenophos | µg/L | Not Detected | | |
| 34.27 | Quinaphos | µg/L | Not Detected | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Not Detected | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Not Detected | | |
| 34.30 | Fenvalerate | µg/L | Not Detected | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Not Detected | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Not Detected | | |
| 34.33 | Cyhalothrin | µg/L | Not Detected | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Not Detected | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Not Detected | | |
| 34.36 | Fluchloralin | µg/L | Not Detected | | |
| 34.37 | Pendimethalin | µg/L | Not Detected | | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, Sulphate Endosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, Fenprothrin:100 µg/l, Alpha-Cypermethrin:100 µg/l, Beta-Cyfluthrin:100 µg/l, Cyhalothrin:100 µg/l, Pendimethalin:100 µg/l, Dicofol:100 µg/l, Hexachlorobenzene (HCB):100 µg/l, Fluchloralin:100 µg/l, Fenvalerate:100 µg/l.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

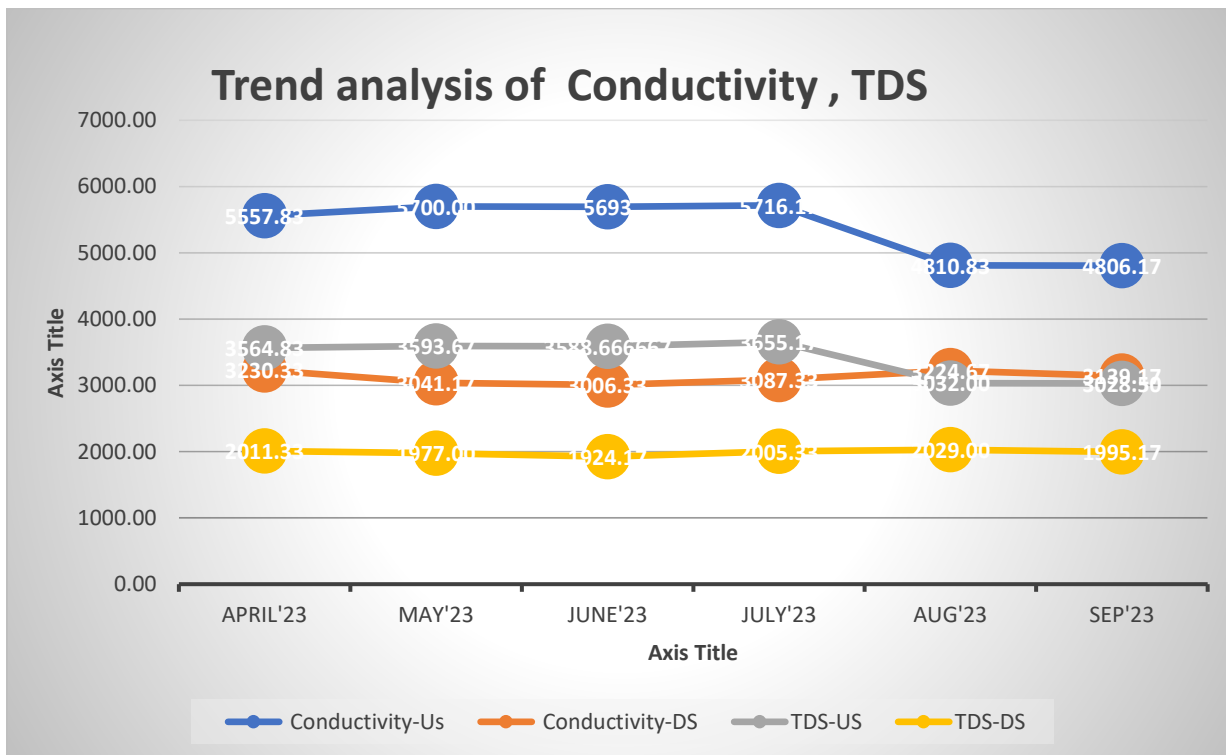
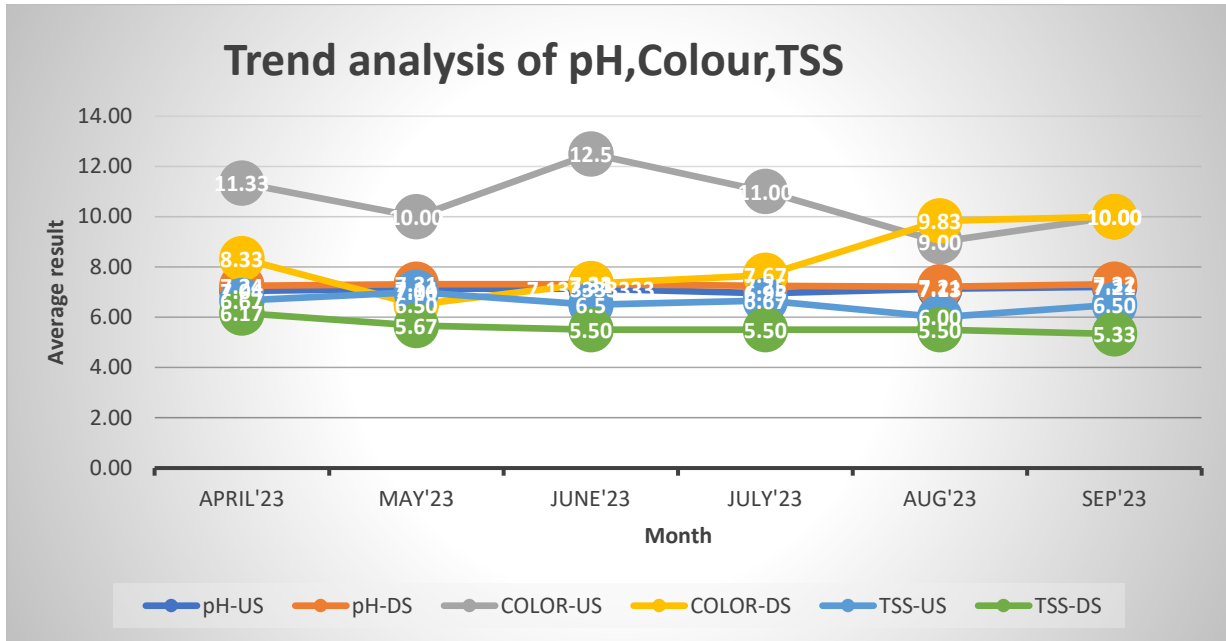
Note: This report is subject to terms & conditions mentioned overleaf.

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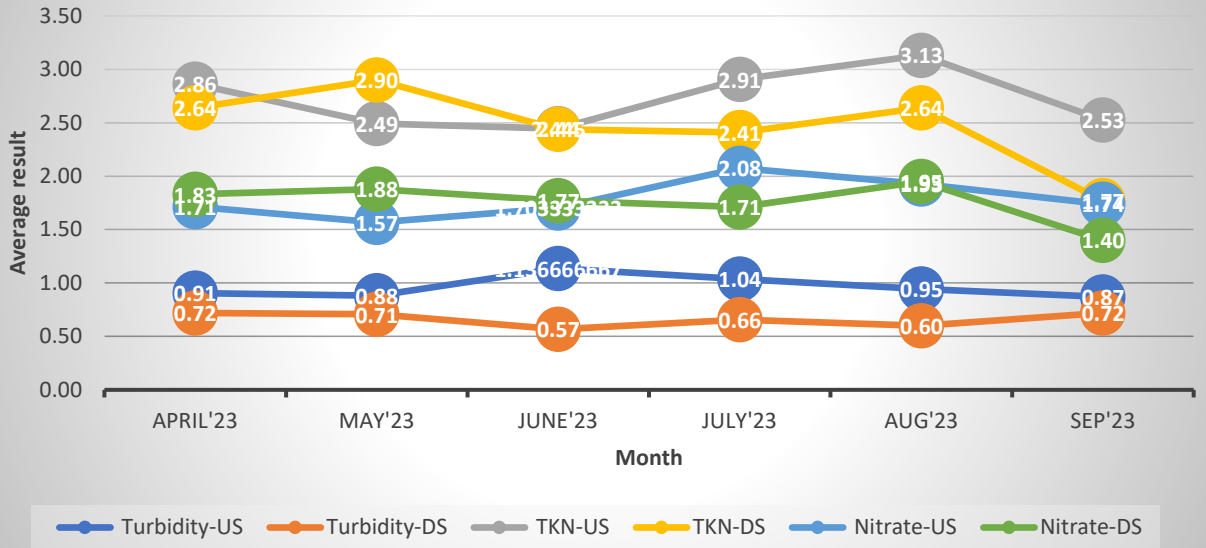
"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

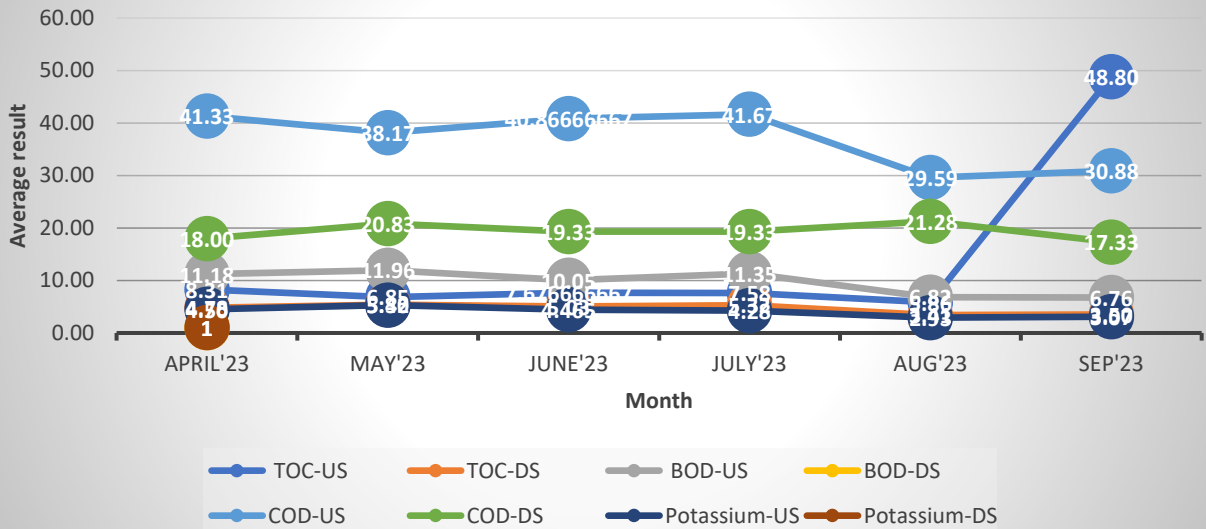
Trend Analysis Graph sheets



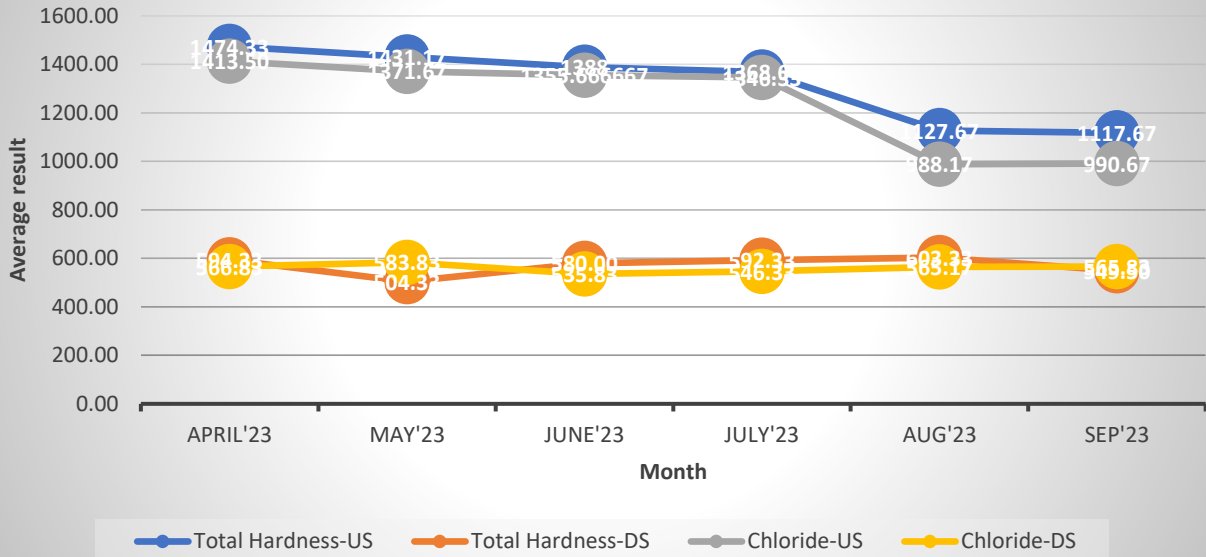
Trend analysis of Turbidity, TKN, Nitrate



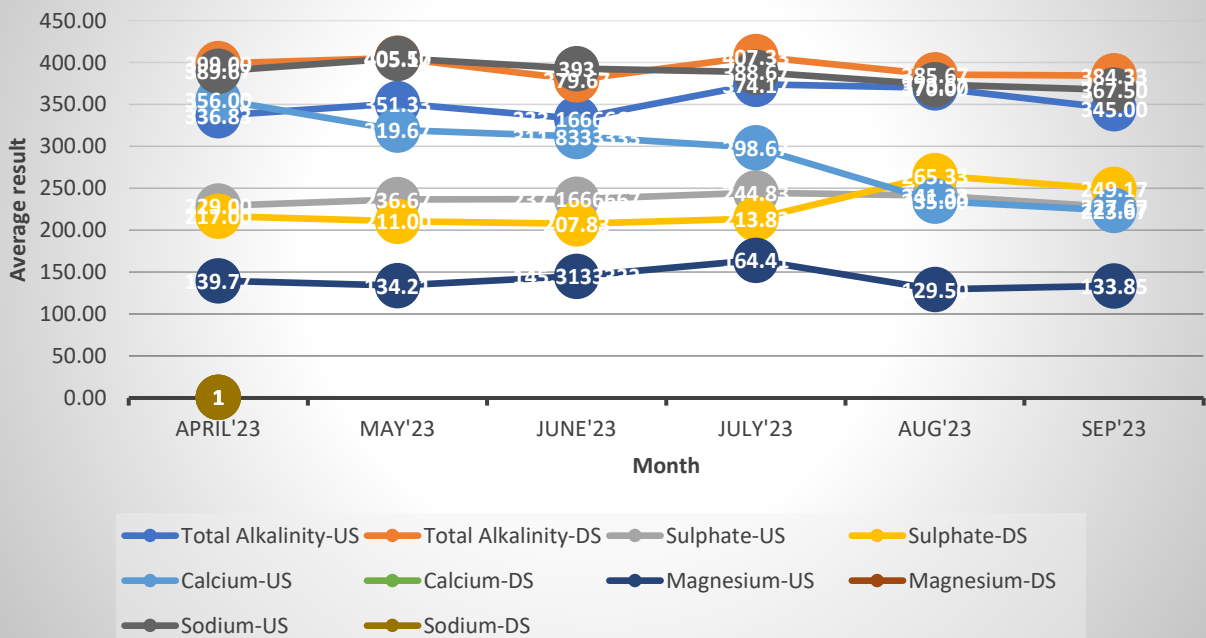
Trend analysis of TOC, BOD, COD, Potassium



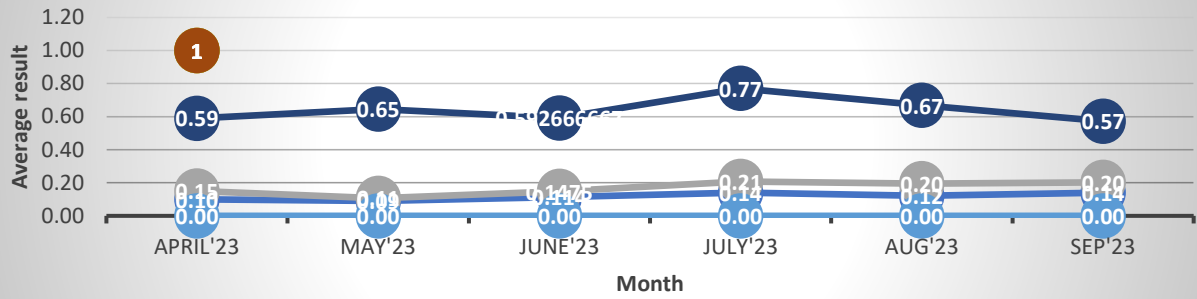
Trend analysis of Total Hardness, Chloride



Trend analysis of Total Alkalinity, Sulphate, calcium, Magnesium, Sodium



Trend analysis of Manganese, Iron, Zinc, Fluorides



TEST CERTIFICATE FOR AMBIENT NOISE LEVEL MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0070 |
| | Issue Date : 06/05/2023 |
| | Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |

NOISE LEVEL MONITORING REPORT

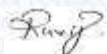
| | |
|--------------------|--|
| Sampling Date | : 27/04/2023 |
| Test Method | : IS 9876 / IS 9989 |
| Sampling Location | : As per table |
| Sampling By | : Pollucon Laboratories Pvt. Ltd. |
| Protocol (purpose) | : Environmental Monitoring |

RESULT TABLE

| SR. NO. | SAMPLING LOCATION | OBSERVATIONS | |
|----------------------------|------------------------------|----------------|------------------|
| | | DAY Time dB(A) | NIGHT Time dB(A) |
| 1 | Nr. Incinerator | 69.9 | 50.3 |
| 2 | Nr. Main Gate | 63.4 | 48.3 |
| 3 | Nr. Lab | 58.1 | 44.9 |
| 4 | Nr. ADM | 60.3 | 46.2 |
| 5 | Nr. Truck Washing | 67.7 | 47.3 |
| 6 | Nr. Drum Storage | 68.5 | 56.3 |
| 7 | Nr. East side of Incinerator | 62.2 | 50.2 |
| GPCB CONSENT LIMIT# | | 75 dB (A) | 70 dB (A) |

#As per consent order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.


Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

- Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
- GPCB approved schedule II auditor
- ISO 14001 : 2004
- OHSAS 18001 : 2007
- ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBIENT NOISE LEVEL MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0102 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

NOISE LEVEL MONITORING REPORT

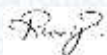
| | |
|--------------------|--|
| Sampling Date | : 19/05/2023 |
| Test Method | : IS 9876 / IS 9989 |
| Sampling Location | : As per table |
| Sampling By | : Pollucon Laboratories Pvt. Ltd. |
| Protocol (purpose) | : Environmental Monitoring |

RESULT TABLE

| SR. NO. | SAMPLING LOCATION | OBSERVATIONS | |
|----------------------------|------------------------------|----------------|------------------|
| | | DAY Time dB(A) | NIGHT Time dB(A) |
| 1 | Nr. Incinerator | 66.9 | 57.7 |
| 2 | Nr. Main Gate | 55.4 | 47.2 |
| 3 | Nr. Lab | 49.7 | 43.4 |
| 4 | Nr. ADM | 56.1 | 45.3 |
| 5 | Nr. Truck Washing | 69.4 | 54.8 |
| 6 | Nr. Drum Storage | 62.7 | 55.8 |
| 7 | Nr. East side of Incinerator | 68.4 | 57.8 |
| GPCB CONSENT LIMIT# | | 75 dB (A) | 70 dB (A) |

#As per consent order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.



Ravi Jariwala
Sr. Environmental Scientist



Dr. Arun Bajpai
Lab Manager(Q)

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Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR AMBIENT NOISE LEVEL MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0119 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

NOISE LEVEL MONITORING REPORT

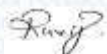
| | |
|--------------------|--|
| Sampling Date | : 01/06/2023 |
| Test Method | : IS 9876 / IS 9989 |
| Sampling Location | : As per table |
| Sampling By | : Pollucon Laboratories Pvt. Ltd. |
| Protocol (purpose) | : Environmental Monitoring |

RESULT TABLE

| SR. NO. | SAMPLING LOCATION | OBSERVATIONS | |
|----------------------------|------------------------------|----------------|------------------|
| | | DAY Time dB(A) | NIGHT Time dB(A) |
| 1 | Nr. Incinerator | 70.4 | 53.3 |
| 2 | Nr. Main Gate | 57.5 | 46.9 |
| 3 | Nr. Lab | 52.5 | 43.2 |
| 4 | Nr. ADM | 55.7 | 44.8 |
| 5 | Nr. Truck Washing | 72.4 | 46.1 |
| 6 | Nr. Drum Storage | 71.1 | 54.2 |
| 7 | Nr. East side of Incinerator | 69.3 | 52.8 |
| GPCB CONSENT LIMIT# | | 75 dB (A) | 70 dB (A) |

#As per consent order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.



Ravi Jariwala
Sr. Environmental Scientist



Dr. Arun Bajpai
Lab Manager(Q)

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TEST CERTIFICATE FOR AMBIENT NOISE LEVEL MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0139 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

NOISE LEVEL MONITORING REPORT

| | |
|--------------------|--|
| Sampling Date | : 04/07/2023 |
| Test Method | : IS 9876 / IS 9989 |
| Sampling Location | : As per table |
| Sampling By | : Pollucon Laboratories Pvt. Ltd. |
| Protocol (purpose) | : Environmental Monitoring |

RESULT TABLE

| SR. NO. | SAMPLING LOCATION | OBSERVATIONS | |
|----------------------------|------------------------------|----------------|------------------|
| | | DAY Time dB(A) | NIGHT Time dB(A) |
| 1 | Nr. Incinerator | 69.1 | 50.8 |
| 2 | Nr. Main Gate | 59.8 | 45.2 |
| 3 | Nr. Lab | 56.2 | 44.4 |
| 4 | Nr. ADM | 58.4 | 46.7 |
| 5 | Nr. Truck Washing | 71.4 | 48.5 |
| 6 | Nr. Drum Storage | 69.8 | 52.9 |
| 7 | Nr. East side of Incinerator | 67.4 | 54.1 |
| GPCB CONSENT LIMIT# | | 75 dB (A) | 70 dB (A) |

#As per consent order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager(Q)

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 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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TEST CERTIFICATE FOR AMBIENT NOISE LEVEL MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0164 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

NOISE LEVEL MONITORING REPORT

| | |
|--------------------|--|
| Sampling Date | : 03/08/2023 |
| Test Method | : IS 9876 / IS 9989 |
| Sampling Location | : As per table |
| Sampling By | : Pollucon Laboratories Pvt. Ltd. |
| Protocol (purpose) | : Environmental Monitoring |

RESULT TABLE

| SR. NO. | SAMPLING LOCATION | OBSERVATIONS | |
|----------------------------|------------------------------|----------------|------------------|
| | | DAY Time dB(A) | NIGHT Time dB(A) |
| 1 | Nr. Incinerator | 71.3 | 54.6 |
| 2 | Nr. Main Gate | 59.1 | 44.7 |
| 3 | Nr. Lab | 60.3 | 46.3 |
| 4 | Nr. ADM | 57.7 | 45.9 |
| 5 | Nr. Truck Washing | 68.3 | 43.7 |
| 6 | Nr. Drum Storage | 68.9 | 50.4 |
| 7 | Nr. East side of Incinerator | 70.8 | 51.5 |
| GPCB CONSENT LIMIT# | | 75 dB (A) | 70 dB (A) |

#As per consent order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager(Q)

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 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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TEST CERTIFICATE FOR AMBIENT NOISE LEVEL MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

| | |
|---|--|
| M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0187 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|--|

NOISE LEVEL MONITORING REPORT

| | |
|--------------------|--|
| Sampling Date | : 04/09/2023 |
| Test Method | : IS 9876 / IS 9989 |
| Sampling Location | : As per table |
| Sampling By | : Pollucon Laboratories Pvt. Ltd. |
| Protocol (purpose) | : Environmental Monitoring |

RESULT TABLE

| SR. NO. | SAMPLING LOCATION | OBSERVATIONS | |
|----------------------------|------------------------------|----------------|------------------|
| | | DAY Time dB(A) | NIGHT Time dB(A) |
| 1 | Nr. Incinerator | 70.3 | 53.9 |
| 2 | Nr. Main Gate | 58.2 | 45.2 |
| 3 | Nr. Lab | 62.6 | 45.9 |
| 4 | Nr. ADM | 59.9 | 44.3 |
| 5 | Nr. Truck Washing | 69.1 | 48.6 |
| 6 | Nr. Drum Storage | 67.3 | 51.8 |
| 7 | Nr. East side of Incinerator | 71.2 | 56.9 |
| GPCB CONSENT LIMIT# | | 75 dB (A) | 70 dB (A) |

#As per consent order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager(Q)

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 ● ISO 14001 : 2004
 ● OHSAS 18001 : 2007
 ● ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

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Annexure-7

Ground water (Analysis Period April'23 to September'23):

| Sr. no | Parameters | Unit | Permissible limits | Outside the premises | | | Upstream borewell | | | Downstream borewell | | |
|--------|-----------------------|--------|--------------------|----------------------|------|---------|-------------------|------|---------|---------------------|------|---------|
| | | | | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg |
| 1 | Colour | Hazen | 15 | 5 | 15 | 10.45 | 5 | 20 | 10.97 | 4 | 20 | 9.25 |
| 2 | pH | - | No relaxation | 7.46 | 8.29 | 7.83 | 6.69 | 7.76 | 7.071 | 7 | 7.72 | 7.27 |
| 3 | Electric Conductivity | µs/cm | - | 1032 | 2739 | 2105.63 | 3032 | 8396 | 5531.55 | 2056 | 4553 | 3140.55 |
| 4 | Turbidity | NTU | 5 | 0.37 | 0.81 | 0.62 | 0.41 | 2.1 | 0.97 | 0.32 | 1.02 | 0.69 |
| 5 | TSS | mg/lit | - | 8 | 23 | 15.36 | 3 | 11 | 6.66 | 5 | 9 | 6.61 |
| 6 | TDS | mg/lit | 2000 | 664 | 1762 | 1375.72 | 1915 | 5291 | 3514.33 | 1294 | 2987 | 1975.69 |
| 7 | TOC | mg/lit | - | | | | 0.49 | 269 | 14.46 | 0.9 | 5.2 | 2.43 |
| 8 | COD | mg/lit | - | 12 | 32 | 20.37 | 6 | 99 | 39.09 | 10.2 | 27 | 17.96 |
| 9 | Chloride | mg/lit | 1000 | 87 | 461 | 285.17 | 574 | 2349 | 1304.02 | 284 | 864 | 543.66 |

Noise Monitoring (Analysis Period April'23 to September'23):

| Sr. No. | Noise monitoring sampling location | Results (Avg) | | | | | | | |
|---------|------------------------------------|---|------|------|-------|---|-------|------|-------|
| | | GPCB/ CPCB Permissible Limit (Day) (in dB) | Day | | | GPCB/ CPCB Permissible Limit (Night) (in dB) | Night | | |
| | | | Min | Max | Avg | | Min | Max | Avg |
| 1 | Near Main gate | 75 | 55.4 | 71.3 | 62.48 | 70 | 45.2 | 54.6 | 48.83 |
| 2 | Near Lab | 75 | 49.7 | 62.6 | 56.96 | 70 | 43.2 | 45.9 | 44.55 |
| 3 | Near admin | 75 | 55.7 | 60.3 | 58.08 | 70 | 44.3 | 46.3 | 45.21 |
| 4 | Truck wash | 75 | 57.7 | 72.4 | 65.78 | 70 | 45.9 | 54.8 | 48.23 |
| 5 | Drum | 75 | 62.7 | 71.4 | 68.21 | 70 | 43.7 | 56.3 | 51.71 |
| 6 | Near East Side of Incinerator | 75 | 66.9 | 70.4 | 69.36 | 70 | 50.3 | 57.7 | 53.08 |
| 7 | Near Incinerator | 75 | 62.2 | 71.2 | 68.21 | 70 | 50.2 | 57.8 | 53.88 |

Receipt Date From: 01-APR-2023

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 10-APR-2023

| Sr No | ID | MANIFEST | CUSTOMER | Inward Date | Analysis Date | Waste Type / Category No | Physical State | Product Code | Quantity (KG) | Annealing Loss | COMPARISON WITH STD | Compatibility Test | Flammability Test | LRT Test(Liquid release test) | METAL STABILIZATION REQUIRED | Odor. | PFLT Test(Plain Filter Liquid Test) | Water Content by K.F.(w/w) | pH |
|-------|------------|----------|----------|----------------------|-------------------|---|----------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|----|
| 1 | 2c4605f278 | | | 31-03-23 22:28:50 | 01-Apr-2023 02.12 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2220.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 2 | 3fe1fa373d | | | 31-03-23 23:41:56 | 01-Apr-2023 02.12 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2870.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 3 | 09ac3ec1f1 | | | 01-04-23 01:12:53 | 01-Apr-2023 02.12 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 1800.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 4 | f50c60ce74 | | | 01-04-23 01:13:48 | 01-Apr-2023 02.12 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | GCT ASH WASTE P-2. | 2240.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 5 | e6aa653259 | | | 01-04-23 01:29:56 | 01-Apr-2023 02.12 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1620.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 6 | b8d6e9aa37 | | | 01-04-23 01:45:16 | 01-Apr-2023 06.05 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 3010.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 7 | ea11938c68 | | | 01-04-23 02:54:38 | 01-Apr-2023 06.05 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2280.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 8 | f36e9548f2 | | | 01-04-23 03:25:20 | 01-Apr-2023 06.05 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1860.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 9 | a3611efb78 | | | 01-04-23 04:26:10 | 01-Apr-2023 06.05 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2860.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |

Receipt Date From: 01-APR-2023

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 10-APR-2023

| Sr No | ID | MANIFEST | CUSTOMER | Inward Date | Analysis Date | Waste Type / Category No | Physical State | Product Code | Quantity (KG) | Annealing Loss | COMPARISON WITH STD | Compatibility Test | Flammability Test | LRT Test(Liquid release test) | METAL STABILIZATION REQUIRED | Odor. | PFLT Test(Plain Filter Liquid Test) | Water Content by K.F.(w/w) | pH |
|-------|------------|----------|----------|-------------------|-------------------|---|----------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 10 | d9245e2236 | | | 01-04-23 05:02:20 | 01-Apr-2023 06.05 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 3000.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 11 | bf81cb89fe | | | 01-04-23 05:29:36 | 01-Apr-2023 06.05 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 3050.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 12 | 64c4ddd97c | | | 01-04-23 06:31:12 | 01-Apr-2023 09.39 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1700.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 13 | da8c52899e | | | 01-04-23 06:32:25 | 01-Apr-2023 09.42 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1520.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 14 | e56c5786df | | | 01-04-23 08:10:13 | 01-Apr-2023 13.09 | Process Residue and wastes (28.1) | SOLID | PROCESS WASTE. | 14120.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 15.0 | NO | ODOURLESS | PASS | 51.12 | 7.5 |
| 15 | 7ed9b7ccdf | | | 01-04-23 08:11:39 | 01-Apr-2023 08.50 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1410.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 16 | b3d264b8b9 | | | 01-04-23 08:12:28 | 01-Apr-2023 09.42 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 3020.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 17 | 8361f760ff | | | 01-04-23 08:14:35 | 01-Apr-2023 13.10 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 18670.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 3.4 | NO | ODOURLESS | PASS | 39.12 | 7.5 |
| 18 | 78bd82da12 | | | 01-04-23 08:15:52 | 01-Apr-2023 08.47 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2180.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |

Receipt Date From: 01-APR-2023

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 10-APR-2023

| Sr No | ID | MANIFEST | CUSTOMER | Inward Date | Analysis Date | Waste Type / Category No | Physical State | Product Code | Quantity (KG) | Annealing Loss | COMPARISON WITH STD | Compatibility Test | Flammability Test | LRT Test(Liquid release test) | METAL STABILIZATION REQUIRED | Odor. | PFLT Test(Plain Filter Liquid Test) | Water Content by K.F.(w/w) | pH |
|-------|------------|----------|----------|----------------------|-------------------|---|-------------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 19 | 91e6df631a | | | 01-04-23 08:17:12 | 01-Apr-2023 13.10 | Concentration or evaporation residues (37.3) | SOLID | CONCENTRATION WASTE. | 15640.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 12.40 | 7.5 |
| 20 | 08fe74ccfd | | | 01-04-23 08:26:05 | 01-Apr-2023 13.11 | Concentration or evaporation residues (37.3) | SOLID | CONCENTRATION WASTE. | 17100.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 13.12 | 7.5 |
| 21 | f62fb40c72 | | | 01-04-23 08:29:29 | 01-Apr-2023 13.12 | Process Residue and wastes (28.1) | SOLID | PROCESS RESIDUES. | 14960.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 18.40 | 7.5 |
| 22 | 6e7fee61ce | | | 01-04-23 10:06:03 | 01-Apr-2023 12.23 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2450.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 23 | 1654d78429 | | | 01-04-23 10:29:03 | 01-Apr-2023 13.13 | Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (33.3) | NON RECYCLE WASTE | NRP WASTE. | 2890.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 24 | 28bf5c6417 | | | 01-04-23 10:30:37 | 01-Apr-2023 12.55 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1770.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 25 | 4610da0195 | | | 01-04-23 10:33:46 | 01-Apr-2023 12.20 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2390.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 26 | 289c24e837 | | | 01-04-23 10:35:46 | 01-Apr-2023 13.13 | Process wastes, residues and sludges (21.1) | SOLID | PROCESS WASTE. | 8860.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 10.42 | 7.5 |
| 27 | 3ff092a686 | | | 01-04-23 10:57:15 | 01-Apr-2023 13.14 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SALT. | 14350.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 10.43 | 7.5 |

Receipt Date From: 01-APR-2023

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 10-APR-2023

| Sr No | ID | MANIFEST | CUSTOMER | Inward Date | Analysis Date | Waste Type / Category No | Physical State | Product Code | Quantity (KG) | Annealing Loss | COMPARISON WITH STD | Compatibility Test | Flammability Test | LRT Test(Liquid release test) | METAL STABILIZATION REQUIRED | Odor. | PFLT Test(Plain Filter Liquid Test) | Water Content by K.F.(w/w) | pH |
|-------|------------|----------|----------|-------------------|-------------------|---|-------------------|---------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 28 | 7e4fea7626 | | | 01-04-23 11:20:49 | 01-Apr-2023 12.35 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 10400.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 17.0 | NO | ODOURLESS | PASS | | 7.5 |
| 29 | 090a36e017 | | | 01-04-23 11:53:04 | 01-Apr-2023 14.28 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 15020.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 28.46 | 7.5 |
| 30 | c8d3f46bdc | | | 01-04-23 11:55:38 | 01-Apr-2023 14.29 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 13870.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 26.32 | 7.5 |
| 31 | e337357fc5 | | | 01-04-23 11:58:01 | 01-Apr-2023 13.20 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2950.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 32 | bf9cdaf76e | | | 01-04-23 12:23:17 | 01-Apr-2023 14.31 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 15310.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 19.4 | NO | ODOURLESS | PASS | 63.10 | 7.5 |
| 33 | 3aec57e3f2 | | | 01-04-23 12:25:43 | 01-Apr-2023 14.31 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 15110.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 23.2 | NO | ODOURLESS | PASS | 69.12 | 7.5 |
| 34 | 6270923aa7 | | | 01-04-23 13:05:07 | 01-Apr-2023 15.12 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 13330.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 11.4 | NO | ODOURLESS | PASS | 42.11 | 7.5 |
| 35 | 5c29bbed28 | | | 01-04-23 13:08:43 | 01-Apr-2023 16.10 | Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (33.3) | NON RECYCLE WASTE | NRP WASTE. | 950.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 36 | 346bdd9d8 | | | 01-04-23 13:17:41 | 01-Apr-2023 15.15 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 15460.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 19.0 | NO | ODOURLESS | PASS | 56.12 | 7.5 |

Receipt Date From: 01-APR-2023

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 10-APR-2023

| Sr No | ID | MANIFEST | CUSTOMER | Inward Date | Analysis Date | Waste Type / Category No | Physical State | Product Code | Quantity (KG) | Annealing Loss | COMPARISON WITH STD | Compatibility Test | Flammability Test | LRT Test(Liquid release test) | METAL STABILIZATION REQUIRED | Odor. | PFLT Test(Plain Filter Liquid Test) | Water Content by K.F.(w/w) | pH |
|-------|------------|----------|----------|-------------------|-------------------|---|-------------------|---------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 37 | d7adc384ec | | | 01-04-23 13:19:18 | 01-Apr-2023 15.01 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2490.00 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 38 | 8262873d65 | | | 01-04-23 13:23:57 | 01-Apr-2023 15.13 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 14650.00 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 10.0 | NO | ODOURLESS | PASS | 43.12 | 7.5 |
| 39 | 22c611f6c4 | | | 01-04-23 13:35:30 | 01-Apr-2023 16.13 | Process Residue and wastes (28.1) | SOLID | PROCESS WASTE. | 13730.00 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 14.22 | 7.5 |
| 40 | f162195ef0 | | | 01-04-23 13:38:11 | 01-Apr-2023 16.13 | Process Residue and wastes (28.1) | SOLID | PROCESS WASTE. | 15120.00 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 16.40 | 7.5 |
| 41 | 2258e2177d | | | 01-04-23 13:42:22 | 01-Apr-2023 16.13 | Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1) | SOLID | PROCESS WASTE. | 17520.00 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.8 | NO | ODOURLESS | PASS | 24.12 | 7.5 |
| 42 | 221b5e8059 | | | 01-04-23 13:51:51 | 01-Apr-2023 16.10 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 14800.00 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 21.4 | NO | ODOURLESS | PASS | 67.12 | 7.5 |
| 43 | 2a0de350de | | | 01-04-23 14:04:03 | 01-Apr-2023 16.14 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 13490.00 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 23.8 | NO | ODOURLESS | PASS | 62.31 | 7.5 |
| 44 | 4d4024970b | | | 01-04-23 14:05:41 | 01-Apr-2023 16.15 | Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (33.3) | NON RECYCLE WASTE | NRP | 920.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 45 | e030400971 | | | 01-04-23 14:10:11 | 01-Apr-2023 18.27 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 8080.00 | 27.35 | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 12.64 | 7.5 |

Receipt Date From: 01-APR-2023

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 10-APR-2023

| Sr No | ID | MANIFEST | CUSTOMER | Inward Date | Analysis Date | Waste Type / Category No | Physical State | Product Code | Quantity (KG) | Annealing Loss | COMPARISON WITH STD | Compatibility Test | Flammability Test | LRT Test(Liquid release test) | METAL STABILIZATION REQUIRED | Odor. | PFLT Test(Plain Filter Liquid Test) | Water Content by K.F.(w/w) | pH |
|-------|------------|----------|----------|-------------------|-------------------|---|----------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 46 | e2b8ba863e | | | 01-04-23 14:12:06 | 01-Apr-2023 16.14 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 14190.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 24.5 | NO | ODOURLESS | PASS | 61.45 | 7.5 |
| 47 | 370b42a279 | | | 01-04-23 14:19:06 | 01-Apr-2023 16.18 | Process Residue and wastes (28.1) | SOLID | PROCESS RESIDUES. | 9560.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 10.65 | 7.5 |
| 48 | af61f8e8ec | | | 01-04-23 14:21:15 | 01-Apr-2023 16.15 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 8830.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 15.0 | NO | ODOURLESS | PASS | 65.12 | 7.5 |
| 49 | 748c8e3e78 | | | 01-04-23 14:27:03 | 01-Apr-2023 15.00 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1590.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 50 | 5638de8f1d | | | 01-04-23 14:29:43 | 01-Apr-2023 14.59 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2430.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 51 | 5b1a12c59a | | | 01-04-23 14:30:59 | 01-Apr-2023 14.59 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2990.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 52 | f14dc2b6d6 | | | 01-04-23 14:39:19 | 01-Apr-2023 16.19 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 15460.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 23.5 | NO | ODOURLESS | PASS | 73.27 | 7.5 |
| 53 | 81adabc93a | | | 01-04-23 14:45:13 | 01-Apr-2023 16.19 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SALT.. | 17960.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 9.46 | 7.5 |
| 54 | 7c34fc318 | | | 01-04-23 14:52:43 | 01-Apr-2023 16.19 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SALT.. | 19650.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 9.12 | 7.5 |

BEIL INFOSYSTEM - BEIL

Date : 29-Dec-23

BHARUCH ENVIRO INFRASTRUCTURE LTD.

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Receipt Date From: 01-APR-2023

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To: 10-MAY-2023

| Sr No | Manifest | Receipt Date | Customer Name | Waste Type / Category No | Physical State | Treatment Remarks | Quantity (MT) | Ash Content | Calorific value | Carbon (%) | Halogen (as Cl) | Loss On Drying at 110°C | PACKAGE TYPE | Sulphur. | Viscosity | WASTE STATE | Water Content by K.F.(w/w) | pH |
|-------|----------|--------------|---------------------------------|---|----------------|-------------------|---------------|-------------|-----------------|----------------|-----------------|-------------------------|--------------|----------|-----------|-------------|----------------------------|------|
| 1 | INC20349 | 01-Apr-23 | ARIHANTANAM LIFE CARE PVT. LTD. | Chemical sludge from waste water treatment (35.3) | AQUEOUS | | 2070.000 | 3.18 | 189 | NOT APPLICABLE | 1.82 | 92.48 | DRUMS | 0.246 | FF | AQUEOUS | 84.95 | 5.16 |
| 2 | CP02341 | 01-Apr-23 | UPL LTD#2 | Spent solvents (20.2) | AQUEOUS | | 33060.000 | 2.18 | 189 | NOT APPLICABLE | 1.98 | 63.18 | TANKER | 4.22 | FF | AQUEOUS | 46.61 | 6.38 |
| 3 | INC20331 | 01-Apr-23 | TORRENT POWER LTD. ("TPL") | Wastes or residues containing oil (5.2) | SOLID | | 1440.000 | 1.58 | 4089 | NOT APPLICABLE | 1.59 | 2.24 | BAGS | 0.212 | NFF | SOLID | | 8.54 |
| 4 | INC20228 | 01-Apr-23 | UPL LTD.- (VAPI#P.NO.11) | Process wastes or residues (29.1) | SOLID | | 1790.000 | 0.27 | 4172 | NOT APPLICABLE | 1.57 | 1.61 | BAGS | 0.219 | NFF | SOLID | | 8.54 |
| 5 | INC20319 | 01-Apr-23 | UPL LTD#5 | Process wastes or residues (29.1) | AQUEOUS | | 8480.000 | 1.89 | 187 | NOT APPLICABLE | 1.61 | 93.36 | DRUMS | 0.219 | FF | AQUEOUS | 86.50 | 3.48 |
| 6 | INC20379 | 01-Apr-23 | WAXOILS PVT. LTD. | Chemical sludge from waste water treatment (35.3) | SOLID | | 1650.000 | 13.79 | 6128 | NOT APPLICABLE | 2.53 | 5.64 | BAGS | 0.647 | NFF | SOLID | | 5.12 |

BEIL INFOSYSTEM - BEIL

Date : 29-Dec-23

BHARUCH ENVIRO INFRASTRUCTURE LTD.

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Receipt Date From: 01-APR-2023

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To: 10-MAY-2023

| Sr No | Manifest | Receipt Date | Customer Name | Waste Type / Category No | Physical State | Treatment Remarks | Quantity (MT) | Ash Content | Calorific value | Carbon (%) | Halogen (as Cl) | Loss On Drying at 110°C | PACKAGE TYPE | Sulphur. | Viscosity | WASTE STATE | Water Content by K.F.(w/w) | pH |
|-------|----------|--------------|---|---|----------------|-------------------|---------------|-------------|-----------------|----------------|-----------------|-------------------------|--------------|----------|-----------|-------------|----------------------------|-------|
| 7 | INC20380 | 01-Apr-23 | LISEGA INDIA PVT. LTD. | Process wastes, residues and sludges (21.1) | SOLID | | 2790.00 0 | 47.62 | 1562 | NOT APPLICABLE | 1.61 | 13.02 | BAGS | 0.779 | NFF | SOLID | | 6.89 |
| 8 | CP02509 | 01-Apr-23 | AARTI DRUGS LIMITED (UNIT-1) | Process Residue and wastes (28.1) | ORGANIC LIQUID | | 29250.0 00 | 1.13 | 3274 | NOT APPLICABLE | 2.80 | 61.37 | TANKER | 7.05 | FF | OLW | 15.28 | 5.14 |
| 9 | CP02652 | 01-Apr-23 | DECCAN FINE CHEMICALS (INDIA) PVT. LTD. | Process wastes or residues (29.1) | ORGANIC LIQUID | | 25975.0 00 | 1.84 | 2522 | NOT APPLICABLE | 4.11 | 62.36 | TANKER | 0.708 | FF | OLW | 40.13 | 10.22 |
| 10 | INC20304 | 01-Apr-23 | UPL LTD#3 | Process wastes or residues (29.1) | SOLID | | 1900.00 0 | 0.21 | 4173 | NOT APPLICABLE | 1.91 | 1.15 | BAGS | 0.140 | NFF | SOLID | | 8.54 |
| 11 | CP02297 | 01-Apr-23 | DECCAN FINE CHEMICALS (INDIA) PVT. LTD. | Process wastes or residues (29.1) | ORGANIC LIQUID | | 30990.0 00 | 1.72 | 2684 | NOT APPLICABLE | 4.26 | 61.88 | TANKER | 0.642 | FF | OLW | 39.12 | 11.22 |
| 12 | INC20306 | 01-Apr-23 | UPL LTD#3 | Process wastes or residues (29.1) | SOLID | | 1460.00 0 | 0.29 | 4148 | NOT APPLICABLE | 1.09 | 1.41 | BAGS | 0.234 | NFF | SOLID | | 8.54 |

BEIL INFOSYSTEM - BEIL

Date : 29-Dec-23

BHARUCH ENVIRO INFRASTRUCTURE LTD.

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Receipt Date From: 01-APR-2023

FINGERPRINT ANALYSIS REPORT - INCINERATOR

Receipt Date To: 10-MAY-2023

| Sr No | Manifest | Receipt Date | Customer Name | Waste Type / Category No | Physical State | Treatment Remarks | Quantity (MT) | Ash Content | Calorific value | Carbon (%) | Halogen (as Cl) | Loss On Drying at 110°C | PACKAGE TYPE | Sulphur. | Viscosity | WASTE STATE | Water Content by K.F.(w/w) | pH |
|-------|----------|--------------|--|--|----------------|-------------------|---------------|-------------|-----------------|----------------|-----------------|-------------------------|--------------|----------|-----------|-------------|----------------------------|------|
| 13 | INC20305 | 01-Apr-23 | UPL LTD#3 | Process wastes or residues (29.1) | SOLID | | 1800.000 | 0.46 | 4167 | NOT APPLICABLE | 1.42 | 1.50 | BAGS | 0.296 | NFF | SOLID | | 8.5 |
| 14 | INC20089 | 01-Apr-23 | ZENTIVA PRIVATE LIMITED | Date-expired products (28.5) | SOLID | | 1530.000 | 0.70 | 4359 | NOT APPLICABLE | 1.42 | 1.92 | BAGS | 0.351 | NFF | SOLID | | 8.54 |
| 15 | CP02492 | 01-Apr-23 | GLENMARK LIFE SCIENCES LTD. | Spent solvents (28.6) | AQUEOUS | | 20810.000 | 3.18 | 165 | NOT APPLICABLE | 5.30 | 89.13 | TANKER | 1.69 | FF | AQUEOUS | 78.64 | 5.07 |
| 16 | CP01864 | 02-Apr-23 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | | 28360.000 | 2.24 | 185 | NOT APPLICABLE | 2.18 | 88.13 | TANKER | 1.79 | FF | AQUEOUS | 70.36 | 1.19 |
| 17 | INC20197 | 02-Apr-23 | AARTI INDUSTRIES LTD. UNIT-1 (758) | Any process or distillation residue (36.1) | SEMI-SOLID | | 9600.000 | 2.60 | 5672 | NOT APPLICABLE | 33.34 | 67.48 | DRUMS | 1.44 | NFF | SEMI-SOLID | | 7.46 |
| 18 | CP02433 | 02-Apr-23 | GLENMARK LIFE SCIENCES LTD. | Spent solvents (28.6) | AQUEOUS | | 28485.000 | 2.12 | 212 | NOT APPLICABLE | 3.89 | 86.30 | TANKER | 1.76 | FF | AQUEOUS | 79.60 | 2.40 |

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| Sr No | Manifest | Receipt Date | Customer Name | Waste Type / Category No | Physical State | Treatment Remarks | Quantity (MT) | Ash Content | Calorific value | Carbon (%) | Halogen (as Cl) | Loss On Drying at 110°C | PACKAGE TYPE | Sulphur. | Viscosity | WASTE STATE | Water Content by K.F.(w/w) | pH |
|-------|----------|--------------|---|---|----------------|-------------------|---------------|-------------|-----------------|----------------|-----------------|-------------------------|--------------|----------|-----------|-------------|----------------------------|------|
| 19 | CP02656 | 02-Apr-23 | COROMANDEL INTERNATIONAL LTD. - ANK | Concentration or evaporation residues (37.3) | AQUEOUS | | 33510.000 | 2.26 | 228 | NOT APPLICABLE | 2.83 | 80.46 | TANKER | 1.80 | FF | AQUEOUS | 66.78 | 5.28 |
| 20 | CP02658 | 02-Apr-23 | DECCAN FINE CHEMICALS (INDIA) PVT. LTD. | Process wastes or residues (29.1) | ORGANIC LIQUID | | 28810.000 | 1.16 | 2657 | NOT APPLICABLE | 4.57 | 75.10 | TANKER | 0.98 | FF | OLW | 47.88 | 8.33 |
| 21 | INC20320 | 02-Apr-23 | UPL LTD#5 | Process wastes or residues (29.1) | AQUEOUS | | 8430.000 | 0.96 | 226 | NOT APPLICABLE | 3.37 | 94.30 | DRUMS | 0.64 | FF | AQUEOUS | 85.5 | 2.83 |
| 22 | INC20347 | 02-Apr-23 | PGP GLASS PRIVATE LIMITED (JAMBUSAR) | Contaminated cotton rags or other cleaning materials (33.2) | SOLID | | 1900.000 | 0.90 | 3467 | NOT APPLICABLE | 2.15 | 1.82 | BAGS | 0.32 | NFF | SOLID | | 8.50 |
| 23 | CP01931 | 03-Apr-23 | UPL LTD#1 | Process wastes or residues (29.1) | ORGANIC LIQUID | | 20600.000 | 1.22 | 3781 | NOT APPLICABLE | 14.84 | 51.36 | TANKER | 1.86 | FF | OLW | 2.93 | 6.32 |
| 24 | INC20268 | 03-Apr-23 | UPL LTD#5 | Process wastes or residues (29.1) | SOLID | | 4810.000 | 31.36 | 4209 | NOT APPLICABLE | 1.87 | 16.37 | BAGS | 18.5 | NFF | SOLID | | 4.12 |

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| Sr No | Manifest | Receipt Date | Customer Name | Waste Type / Category No | Physical State | Treatment Remarks | Quantity (MT) | Ash Content | Calorific value | Carbon (%) | Halogen (as Cl) | Loss On Drying at 110°C | PACKAGE TYPE | Sulphur. | Viscosity | WASTE STATE | Water Content by K.F.(w/w) | pH |
|-------|----------|--------------|---|-----------------------------------|----------------|-------------------|---------------|-------------|-----------------|----------------|-----------------|-------------------------|--------------|----------|-----------|-------------|----------------------------|------|
| 25 | CP02655 | 03-Apr-23 | AETHER INDUSTRIES LIMITED | Distillation residues (20.3) | ORGANIC LIQUID | | 8170.000 | 1.83 | 2835 | NOT APPLICABLE | 2.56 | 73.64 | DRUMS | 1.39 | FF | OLW | 29.56 | 9.17 |
| 26 | CP02641 | 03-Apr-23 | VERTELLUS SPECIALTY MATERIALS (INDIA) PVT. LTD. | Process Residue and wastes (28.1) | SOLID | | 10000.000 | 3.14 | 4434 | NOT APPLICABLE | 15.39 | 3.82 | BAGS | 1.18 | NFF | SOLID | | 3.15 |
| 27 | CP02640 | 03-Apr-23 | VERTELLUS SPECIALTY MATERIALS (INDIA) PVT. LTD. | Process Residue and wastes (28.1) | SOLID | | 10570.000 | 3.26 | 4507 | NOT APPLICABLE | 15.55 | 3.64 | BAGS | 1.16 | NFF | SOLID | | 3.22 |
| 28 | CP01863 | 03-Apr-23 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | | 26760.000 | 1.29 | 219 | NOT APPLICABLE | 4.57 | 76.10 | TANKER | 1.44 | FF | AQUEOUS | 62.74 | 7.33 |
| 29 | CP02464 | 03-Apr-23 | UPL LTD#2 | Process wastes or residues (29.1) | ORGANIC LIQUID | | 23500.000 | 1.16 | 3827 | NOT APPLICABLE | 2.56 | 74.01 | TANKER | 8.41 | FF | OLW | 3.60 | 1.83 |
| 30 | CP02551 | 03-Apr-23 | UPL LTD#5 | Process wastes or residues (29.1) | AQUEOUS | | 22790.000 | 1.01 | 225 | NOT APPLICABLE | 5.77 | 94.11 | TANKER | 0.95 | FF | AQUEOUS | 82.21 | 1.99 |

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| Sr No | Manifest | Receipt Date | Customer Name | Waste Type / Category No | Physical State | Treatment Remarks | Quantity (MT) | Ash Content | Calorific value | Carbon (%) | Halogen (as Cl) | Loss On Drying at 110°C | PACKAGE TYPE | Sulphur. | Viscosity | WASTE STATE | Water Content by K.F.(w/w) | pH |
|-------|----------|--------------|--|--|----------------|-------------------|---------------|-------------|-----------------|----------------|-----------------|-------------------------|--------------|----------|-----------|-------------|----------------------------|-------|
| 31 | CP01865 | 03-Apr-23 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | | 32570.000 | 1.88 | 182 | NOT APPLICABLE | 2.20 | 85.20 | TANKER | 0.645 | FF | AQUEOUS | 81.25 | 10.83 |
| 32 | INC20307 | 03-Apr-23 | UPL LTD#3 | Process wastes or residues (29.1) | SOLID | | 1170.000 | 0.84 | 4111 | NOT APPLICABLE | 1.51 | 1.20 | BAGS | 0.215 | NFF | SOLID | | 8.5 |
| 33 | CP02635 | 03-Apr-23 | COROMANDEL INTERNATIONAL LTD. - ANK | Concentration or evaporation residues (37.3) | AQUEOUS | | 23530.000 | 1.40 | 186 | NOT APPLICABLE | 8.31 | 84.25 | TANKER | 0.192 | FF | AQUEOUS | 81.20 | 4.94 |
| 34 | INC19702 | 03-Apr-23 | DAXESH PETROCHEM PVT. LTD. | Distillation residues (20.3) | AQUEOUS | | 8010.000 | 0.50 | 162 | NOT APPLICABLE | 1.62 | 91.23 | DRUMS | 0.296 | FF | AQUEOUS | 81.88 | 10.20 |
| 35 | CP02587 | 03-Apr-23 | UPL LTD#5 | Process wastes or residues (29.1) | AQUEOUS | | 35300.000 | 1.08 | 166 | NOT APPLICABLE | 11.51 | 85.78 | TANKER | 0.093 | FF | AQUEOUS | 82.19 | 1.21 |
| 36 | CP02617 | 03-Apr-23 | UPL LTD#2 | Process wastes or residues (29.1) | ORGANIC LIQUID | | 23010.000 | 0.98 | 4065 | NOT APPLICABLE | 2.01 | 72.18 | TANKER | 8.89 | FF | OLW | 2.12 | 1.29 |

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| Sr No | Manifest | Barcode | Inward Date/Time | Analysis Date/Time | Customer Name | Waste Type / Category | Physical State | Product | Receipt Qty (MT) |
|-------|----------|--------------|------------------|--------------------|---|-----------------------------------|----------------|-----------------|------------------|
| 1 | 00011536 | 9b0bb306f201 | Apr-23 08:19 | 01-Apr-23 17:17:26 | KANGAROO INDUSTRIES (ANKLESHWAR) | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 19.120 |
| 2 | 00011415 | 1c8337602 | Apr-23 14:07 | 01-Apr-23 17:15:38 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 18.140 |
| 3 | 00011539 | 5e6666a2c | Apr-23 14:42 | 01-Apr-23 19:38:12 | K. D. CHEMICALS PRIVATE LIMITED | Process wastes or residues (29.1) | AQUEOUS | AQS WASTE. | 18.865 |
| 4 | 00011417 | 554c470b1 | Apr-23 15:28 | 01-Apr-23 19:39:31 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 24.560 |
| 5 | 00011416 | e597b7043f01 | Apr-23 15:39 | 01-Apr-23 19:39:54 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 23.330 |
| 6 | 00011490 | 9fedfb5027 | Apr-23 10:36 | 02-Apr-23 16:39:15 | BAYER VAPI PRIVATE LIMITED | Process wastes or residues (29.1) | AQUEOUS | EFFLUENT WASTE. | 30.680 |
| 7 | 00011489 | cacc4ffe35 | Apr-23 10:38 | 02-Apr-23 16:30:11 | BAYER VAPI PRIVATE LIMITED | Process wastes or residues (29.1) | AQUEOUS | EFFLUENT WASTE. | 33.090 |
| 8 | 00011418 | 6c947bb0af | Apr-23 14:30 | 02-Apr-23 18:48:44 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 21.680 |
| 9 | 00011419 | 772a509acf | Apr-23 15:09 | 02-Apr-23 18:49:13 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 19.520 |
| 10 | 00011541 | 61a523a1cf | Apr-23 11:40 | 03-Apr-23 16:51:21 | K. D. CHEMICALS PRIVATE LIMITED | Process wastes or residues (29.1) | AQUEOUS | AQS WASTE. | 17.630 |
| 11 | 00011421 | 81da2e787 | Apr-23 13:22 | 03-Apr-23 16:51:17 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 17.920 |
| 12 | 00011420 | e32cceb25 | Apr-23 13:39 | 03-Apr-23 16:51:44 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 22.610 |
| 13 | 00011475 | c27f60420d | Apr-23 14:00 | 03-Apr-23 21:39:35 | SPEQTUS INDUSTRIES | Process wastes or residues (29.1) | AQUEOUS | MEE LIQUID.. | 26.740 |
| 14 | 00011545 | 0fbb3d1bce | Apr-23 16:28 | 03-Apr-23 21:46:32 | ESSEL MINING AND INDUSTRIES LTD. (VAPI) | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT. | 34.270 |
| 15 | 00011546 | 9c6dfae4b1 | Apr-23 16:34 | 03-Apr-23 21:54:36 | ESSEL MINING AND INDUSTRIES LTD. (VAPI) | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT. | 33.090 |
| 16 | 00011544 | 981e30440 | Apr-23 16:39 | 03-Apr-23 22:02:16 | ESSEL MINING AND INDUSTRIES LTD. (VAPI) | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT. | 31.470 |

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| Sr No | Manifest | Barcode | Inward Date/Time | Analysis Date/Time | Customer Name | Waste Type / Category | Physical State | Product | Receipt Qty (MT) |
|-------|----------|------------|------------------|--------------------|--|-----------------------------------|----------------|-----------------|------------------|
| 17 | 00011171 | 28638b6bdf | 04-Apr-23 09:25: | 04-Apr-23 14:32:25 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 31.700 |
| 18 | 00011170 | 6c7af4ba51 | 04-Apr-23 09:27: | 04-Apr-23 14:33:27 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 19.640 |
| 19 | 00011169 | f2f723a8f5 | 04-Apr-23 09:32: | 04-Apr-23 14:34:44 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 24.490 |
| 20 | 00011375 | 57849e094f | 04-Apr-23 09:58: | 04-Apr-23 14:34:32 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 24.370 |
| 21 | 00011376 | 341c341d9 | 04-Apr-23 11:43: | 04-Apr-23 21:42:08 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 19.190 |
| 22 | 00011173 | 3ac406985 | 04-Apr-23 14:19: | 04-Apr-23 21:44:36 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 18.130 |
| 23 | 00011172 | bd6f26253c | 04-Apr-23 14:27: | 04-Apr-23 21:44:41 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 21.110 |
| 24 | 00011543 | 8fea0f9a99 | 04-Apr-23 14:46: | 04-Apr-23 21:46:58 | K. D. CHEMICALS PRIVATE LIMITED | Process wastes or residues (29.1) | AQUEOUS | AQS WASTE. | 17.630 |
| 25 | 00011540 | 56eda0237f | 04-Apr-23 15:27: | 04-Apr-23 21:49:19 | KETIX CHEMICALS | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 20.790 |
| 26 | 00011422 | a05fad5d04 | 04-Apr-23 16:56: | 04-Apr-23 21:49:27 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 20.910 |
| 27 | 00011518 | 84d00581e | 04-Apr-23 18:06: | 04-Apr-23 21:52:16 | MACSON PRODUCTS UNIT-II | Process wastes or residues (29.1) | AQUEOUS | MEE LIQUID | 18.045 |
| 28 | 00011491 | 72e42f65c6 | 05-Apr-23 08:17: | 05-Apr-23 16:21:50 | BAYER VAPI PRIVATE LIMITED | Process wastes or residues (29.1) | AQUEOUS | EFFLUENT WASTE. | 30.910 |
| 29 | 00011578 | a5777aaf10 | 05-Apr-23 10:48: | 05-Apr-23 16:23:02 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 24.750 |
| 30 | 00011576 | 176fa92d74 | 05-Apr-23 10:55: | 05-Apr-23 16:24:23 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 23.450 |
| 31 | 00011579 | a5b47f2770 | 05-Apr-23 11:19: | 05-Apr-23 16:26:01 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 24.830 |
| 32 | 00011586 | 57584feae6 | 05-Apr-23 11:39: | 05-Apr-23 16:28:51 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 24.120 |

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| Sr No | Manifest | Barcode | Inward Date/Time | Analysis Date/Time | Customer Name | Waste Type / Category | Physical State | Product | Receipt Qty (MT) |
|-------|----------|--------------|------------------|--------------------|--|-----------------------------------|----------------|-----------------|------------------|
| 33 | 00011585 | 35d622cad | 05-Apr-23 11:45: | 05-Apr-23 16:28:16 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 23.330 |
| 34 | 00011583 | 3fdc68f326 | 05-Apr-23 11:48: | 05-Apr-23 16:27:07 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 27.730 |
| 35 | 00011581 | a7249f972b05 | 05-Apr-23 11:53: | 05-Apr-23 16:41:00 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 25.690 |
| 36 | 00011584 | ca13c25f4d05 | 05-Apr-23 12:18: | 05-Apr-23 16:39:53 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 27.900 |
| 37 | 00011551 | 3794e8ba9 | 05-Apr-23 13:18: | 05-Apr-23 16:44:55 | * AARTI INDUSTRIES LTD. UNIT-2 (756) | Process wastes or residues (29.1) | AQUEOUS | MEE LIQUID | 24.630 |
| 38 | 00011394 | f4f3d0a1a9 | 05-Apr-23 15:05: | 05-Apr-23 21:08:16 | MANSU CHEMICAL INDUSTRIES PVT LTD | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 24.350 |
| 39 | 00011423 | 46fd4ad1bd05 | 05-Apr-23 15:45: | 05-Apr-23 21:09:09 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 22.450 |
| 40 | 00011587 | 96e06f6a6305 | 05-Apr-23 16:05: | 05-Apr-23 21:12:00 | RUKUL INDUSTRIES | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 24.500 |
| 41 | 00011589 | ac45c870a | 05-Apr-23 16:48: | 05-Apr-23 21:13:28 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 19.190 |
| 42 | 00011424 | b717fa884605 | 05-Apr-23 17:35: | 05-Apr-23 21:45:20 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 19.780 |
| 43 | 00011590 | ca622f2fc7 | 05-Apr-23 17:40: | 05-Apr-23 21:45:59 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 26.320 |
| 44 | 00011305 | ff197373e7 | 05-Apr-23 18:03: | 05-Apr-23 21:47:06 | ESSEL MINING AND INDUSTRIES LTD. (VAPI) | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT. | 31.100 |
| 45 | 00011591 | e04ac5328 | 06-Apr-23 10:44: | 06-Apr-23 16:18:18 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 26.810 |
| 46 | 00011547 | 91844c3c5 | 06-Apr-23 11:31: | 06-Apr-23 16:17:58 | K. D. CHEMICALS PRIVATE LIMITED | Process wastes or residues (29.1) | AQUEOUS | AQS WASTE. | 27.105 |
| 47 | 00011555 | e44f50eacd06 | 06-Apr-23 13:24: | 06-Apr-23 16:17:55 | BAYER VAPI PRIVATE LIMITED | Process wastes or residues (29.1) | AQUEOUS | EFFLUENT WASTE. | 30.930 |
| 48 | 00011522 | d84b039c8f06 | 06-Apr-23 16:17: | 06-Apr-23 22:50:20 | RUDRAMAHADEV CHEMICALS PRIVATE LIMITED | Process wastes or residues (29.1) | AQUEOUS | AQS WASTE. | 28.090 |

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Receipt Date From: 01-APR-2023

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| Sr No | Manifest | Barcode | Inward Date/Time | Analysis Date/Time | Customer Name | Waste Type / Category | Physical State | Product | Receipt Qty (MT) |
|-------|----------|------------|------------------|--------------------|--|-----------------------------------|----------------|----------------|------------------|
| 49 | 00011425 | 957018344 | 06-Apr-23 17:21: | 06-Apr-23 21:07:00 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 25.030 |
| 50 | 00011602 | 4b7e46bfc2 | 07-Apr-23 11:23: | 07-Apr-23 15:59:45 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 25.970 |
| 51 | 00011260 | 8ca9b447f7 | 07-Apr-23 16:37: | 07-Apr-23 20:30:25 | YASH RASAYAN AND CHEMICALS | Process Residue and wastes (28.1) | AQUEOUS | MEE LIQUID | 20.140 |
| 52 | 00011613 | 596999aea | 07-Apr-23 16:51: | 07-Apr-23 20:33:15 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 37.040 |
| 53 | 00011605 | 93c427de7 | 07-Apr-23 17:13: | 07-Apr-23 20:35:37 | SAGAR LIFE SCIENCES PRIVATE LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE LIQUID | 22.120 |
| 54 | 00011426 | d4dd7d8ef4 | 07-Apr-23 17:49: | 07-Apr-23 20:36:45 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 19.230 |
| 55 | 00011588 | 04984a84e | 08-Apr-23 09:52: | 08-Apr-23 16:41:07 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 25.760 |
| 56 | 00011600 | 650156d82 | 08-Apr-23 11:03: | 08-Apr-23 16:40:46 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 28.220 |
| 57 | 00011603 | 99f76eb296 | 08-Apr-23 11:35: | 08-Apr-23 16:40:42 | LEO TEX INDUSTRIES | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 26.650 |
| 58 | 00011619 | 8a1d5707e | 08-Apr-23 12:59: | 08-Apr-23 16:35:02 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 29.470 |
| 59 | 00011427 | 7d25ccf23e | 08-Apr-23 13:05: | 08-Apr-23 16:35:07 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 20.950 |
| 60 | 00011614 | 4f392c05f8 | 08-Apr-23 13:09: | 08-Apr-23 16:37:24 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 19.270 |
| 61 | 00011629 | 33157f4691 | 08-Apr-23 16:34: | 08-Apr-23 21:35:03 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 17.780 |
| 62 | 00011479 | 80651b266 | 08-Apr-23 16:52: | 08-Apr-23 21:36:42 | RAVI CHEM INDUSTRIES | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 20.840 |
| 63 | 00011632 | 1bf2fd54bc | 08-Apr-23 17:16: | 08-Apr-23 21:39:42 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 37.900 |
| 64 | 00011631 | 11b2085d2 | 08-Apr-23 17:20: | 08-Apr-23 21:39:54 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 25.180 |

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| Sr No | Manifest | Barcode | Inward Date/Time | Analysis Date/Time | Customer Name | Waste Type / Category | Physical State | Product | Receipt Qty (MT) |
|-------|----------|--------------|------------------|--------------------|--|-----------------------------------|----------------|----------------|------------------|
| 65 | 00011428 | 97290a10f608 | 08-Apr-23 17:34: | 08-Apr-23 21:40:07 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 22.480 |
| 66 | 00011601 | bcc58f852c | 09-Apr-23 10:59: | 09-Apr-23 20:39:17 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 22.650 |
| 67 | 00011615 | 164014cd1 | 09-Apr-23 11:36: | 09-Apr-23 20:39:10 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 23.780 |
| 68 | 00011633 | c5f18d2c63 | 09-Apr-23 11:45: | 09-Apr-23 20:39:13 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 27.140 |
| 69 | 00011634 | f58a4b7a45 | 09-Apr-23 12:17: | 09-Apr-23 20:39:06 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 30.460 |
| 70 | 00011635 | 26431ac0d | 09-Apr-23 13:45: | 09-Apr-23 20:39:02 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 26.290 |
| 71 | 00011430 | 2644e7acb | 09-Apr-23 14:10: | 09-Apr-23 20:38:58 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 19.320 |
| 72 | 00011519 | ed65e948f2 | 09-Apr-23 14:48: | 09-Apr-23 20:38:52 | MACSON PRODUCTS UNIT-II | Process wastes or residues (29.1) | AQUEOUS | MEE LIQUID | 28.100 |
| 73 | 00011429 | d84bd9865 | 09-Apr-23 14:55: | 09-Apr-23 20:38:55 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 19.160 |
| 74 | 00011431 | d411c44e7 | 09-Apr-23 16:05: | 09-Apr-23 20:38:48 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 25.030 |
| 75 | 00011630 | 8be0cea68 | 10-Apr-23 08:34: | 10-Apr-23 16:36:07 | VIHITA CHEM PVT. LTD. (UNIT-1) | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 16.780 |
| 76 | 00011595 | d1fad63f3b | 10-Apr-23 09:35: | 10-Apr-23 16:36:11 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 33.000 |
| 77 | 00011594 | dbda87b85 | 10-Apr-23 09:41: | 10-Apr-23 16:36:18 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 34.270 |
| 78 | 00011636 | f7b377e555 | 10-Apr-23 13:09: | 10-Apr-23 16:37:55 | KETIX CHEMICALS | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 20.550 |
| 79 | 00011433 | e9954d809 | 10-Apr-23 13:49: | 10-Apr-23 16:36:27 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 17.790 |
| 80 | 00011432 | 5760a4ab4f | 10-Apr-23 14:05: | 10-Apr-23 22:12:35 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 21.110 |

BEIL INFOSYSTEM - BEIL

BHARUCH ENVIRO INFRASTRUCTURE LTD.

Date : 29-Dec-23

Page 6 of 6

FINGERPRINT ANALYSIS REGISTER - MEE

Receipt Date From: 01-APR-2023

Receipt Date To: 10-APR-2023

| Sr No | Manifest | Barcode | Inward Date/Time | Analysis Date/Time | Customer Name | Waste Type / Category | Physical State | Product | Receipt Qty (MT) |
|-------------------|----------|------------|---------------------|--------------------|---|--------------------------------------|-------------------|-------------------|---------------------|
| 81 | 00011434 | 8dbb1dcc2 | 10-Apr-23 16:01: | 10-Apr-23 22:09:55 | UPL LTD#1 | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 24.860 |
| 82 | 00011604 | 691b9e4bf5 | 10-Apr-23 16:35: | 10-Apr-23 22:14:30 | LEO TEX INDUSTRIES | Process wastes or residues (29.1) | AQUEOUS | MEE AQS WASTE. | 21.360 |
| 83 | 00011577 | a2f7695b57 | 10-Apr-23 17:03: | 10-Apr-23 22:16:41 | NAVIN FLUORINE ADVANCED SCIENCES LIMITED | Process wastes or residues (29.1) | AQUEOUS | MEE EFFLUENT.. | 25.090 |
| TOTAL QTY: | | | | | | | | | 2027.455 |

Environmental Management Plan Compliance

| Discipline | Environmental hazard | Mitigation Measures and Action plan | Compliance Status |
|---------------------------------------|--|---|---|
| Secured Landfill Facility | | | |
| Temporary storage of Hazardous waste | Leachate Generation | Collection of leachate and treatment | Complied. Temporary storage of hazardous waste is provided for monsoon period. Leachate generating from the temporary storage is being collected and treated in MEE or sent to ETL. |
| Loading the hazardous waste in dumper | Fugitive emission | Coverage of the dumper to prevent dusting | Complied. Secured authorized dedicated closed dumpers are being used. |
| | Spillage of waste on the the floor | Avoid spillages by careful handling of the solid waste Clean the floor regularly and collect the waste & dispose in landfill | Complied. Handling has been carried out to avoid spillage of the solid waste. Regular cleaning is also done. |
| | Leakage/spillage during transportation | inspection of the dumpers and ensuring that there is no leakage/spillage | Complied. Regular inspection carried out of dumpers for detecting any leakages or spillage. |
| | Health impacts on the workers | Usage of Hydraulic dumpers/hook loaders to prevent manual handling Usage of PPEs by all Employees Medical checkup - pre employment and routine | Complied. Hydraulic dumpers are used for transporting waste. Appropriate PPEs are provided to the workers while manual handling of the waste. Pre-employment and routine medical checkups are being carried out. |

| Transportation | | | |
|--|---|---|--|
| Transportation of Waste | Littering the waste on the road | Inspect the dumpers and ensure that there is no leakage/spillage from the vehicle Loaded dumpers/trucks with waste should be fully covered. Impart training to the drivers Dumpers/trucks should be leak proof | Complied. Regular inspection of the dumpers in also done to ensure that there is no leakage/spillage from the vehicle. Loaded dumpers/ vehicles are being covered, leak proof as well. Drivers are given training also. |
| | Disposal of waste at non designated place | Manifest System | Complied. We are following valid manifest system according to new hazardous and other waste (Handling and management) rules 2016. |
| | Contamination of the tyres of vehicles entering landfill area | After loading/unloading the waste, tyres should be washed and washed water shall be sent for treatment | Complied. After loading/ unloading the tires are washed and waste water is sent for treatment. |
| Final Disposal | | | |
| Final Disposal of the hazardous waste into secured landfill facility | Violent reaction/ fire | Strictly to follow the acceptance criteria Check the reactivity of the wastes prior to disposal | Complied. Comprehensive and fingerprint analysis are carried out before accepting the waste to strictly following acceptance criteria for landfill. |
| | Excessive leachate generation in monsoon season | Cover the sub-cells of the facility with tarpaulin to prevent entry of rain water Close monitoring of the site round the clock during monsoon | Complied. Adequate covering of the sub cells with tarpaulin is done during monsoon. |
| | Blowing away of the waste dust with the wind | Spray water during summer season Cover the waste layer with fresh soil and compact it. | Complied. Water is being sprayed for dust suppression. And daily coverage of waste with clay layer is being done. |

| | | | |
|---|--|---|---|
| | Disposal of waste at the wrong place in the premises leachate handling | Provide indicators and sign boards for systematic operation. Properly designed leachate collection wells Daily monitoring of levels in the wells Transfer of leachate from the wells to storage for treatment | Complied. Necessary sign board are provided. Adequate numbers of leachet collection wells are constructed, daily level monitoring is being done and transferred to MEE plant or sent to ETL for further processing. |
| Monitoring Activity (Monitoring activity should continue even after closure of the facility) | | | |
| Water Quality | Ground water pollution Contamination of ground water | Monitoring groundwater at upstream and downstream of the site Groundwater monitoring surrounding the site as per pre designed plan Proper barrier systems like impermeable liners, gravity slope and gravel packed channels are constructed for natural flow of leachate and contact water The leachate generated has to be collected in an underground tank from where it can be pumped out to the treatment unit. Thus the chances of ground water contamination can be minimized. | Complied. There are bore wells, which are used to monitor ground water on regular basis. Adequate numbers of leachate collection wells are provided and leachate is being collected and send to MEE or ETL for further treatment. |
| Air Quality | Air pollution (Fugitive, Dust and gaseous emissions) | Ambient Air Monitoring for various parameters at the site and surroundings Water Dumpers, sprinklers are deployed for water spraying. Tree plantation around the facility area and along the roads. Respirable dust samples are collected and analyzed periodically to ensure that the dust concentration limit is contained within the allowable limits. | Complied. Ambient air monitoring is being done on regular basis for various parameters at the site and surrounding. Tree plantation surrounding the plant area is done. Though it is an ongoing process. Respirable dust samples are being collected and analyzed periodically to ensure that the dust concentration limit is contained within the allowable limits. |
| Soil Quality | Soil Pollution | Soil Sampling from various locations and | Complied. |

| | | | |
|-------|--|---|---|
| | <p>(Project site will undergo a major transformation during landfilling. The waste is to be compacted in layers with proper sloping. Contamination of soil is possible if the lining system is improper. Also littering of the waste while transportation to the disposal facility, blowing of waste particles due to wind shall lead to soil contamination. Spillage of leachate during pumping also will lead to soil pollution localized)</p> | <p>analysis. After landfilling is complete, the liner system consisting of soil cover, HDPE liner and vegetative cover shall be immediately constructed to avoid any contamination of soil</p> | <p>Soil sampling and monitoring is being done on regular basis. Daily coverage and final coverage is done according to GPCB/CPCB criteria and guidelines to avoid any contamination of soil.</p> |
| Noise | <p>Noise pollution (Noise levels during construction phase will be high during operational phase due to instrumental work, increased truck movement earth movers etc.</p> | <p>These negative impacts are short term. Equipment to be kept and maintained in proper condition to keep the noise level within 75 dB(A) Workers will be provided with necessary protective equipment e.g. ear plug, earmuffs. Provision of green belt and plantation would further help in attenuating noise.</p> | <p>Complied. Noise level monitoring is done on regular basis, adequate green belt is also provided. And employees are provided with suitable PPEs to avoid any short term or long term negative impacts of noise pollution. .</p> |

| | | | |
|-----------------|--|--|---|
| Traffic | Traffic Impacts | BEIL is situated towards one corner of industrial estate of GIDC, as there is no much traffic on this road, no traffic overcrowding is expected and the impact will be insignificant. | Complied. BEIL is situated towards one corner of industrial estate of GIDC, as there is no much traffic on this road, no traffic overcrowding is expected and the impact will be insignificant. |
| Socio-Economic | Socio-Economic Impacts | The site selected for the disposal of hazardous wastes in Ankleshwar industrial Estate, is not having any visible adverse impact on human populations well as live stock as this site is excluded from any agriculture, forest, ecological sensitive or animal grazing land. Moreover, the site is within the industrial estate and land already meant for that purpose. With the expansion of TSDF phase-III proposed, there will be additional employment Opportunities for about 100 persons (Construction phase) and about 15 persons (Operational Phase). In general, the project is to have positive environmental impacts by collecting and disposing the hazardous waste in the scientific manner, this will reduce the future health hazard. | Complied. The site selected for the disposal of hazardous wastes in Ankleshwar industrial Estate, is not having any visible adverse impact on human populations well as live stock as this site is excluded from any agriculture, forest, ecological sensitive or animal grazing land. Moreover, the site is within the industrial estate and land already meant for that purpose. With the expansion of TSDF phase-III proposed, there will be additional employment Opportunities for about 100 persons (Construction phase) and about 15 persons (Operational Phase). In general, the project is to have positive environmental impacts by collecting and disposing the hazardous waste in the scientific manner, this will reduce the future health hazard. |
| Fire and Safety | Accidents/disasters related to fire and safety | Since the TSDF site is already operational, this is an expansion of TSDF phase-III Disaster management plan (DMP) is in place A well-laid firefighting system and fire extinguishers are already installed as per fire safety norms Regular fire safety training will be conducted. Road/Fire | Complied. Since the TSDF site is already operational, this is an expansion of TSDF phase-III Disaster management plan (DMP) is in place A well-laid firefighting system and fire extinguishers are already installed as per fire safety norms Regular fire safety training will be conducted. |

| | | | |
|-------------------------------------|-----------|--|--|
| Health and Safety | Injury | <p>Since the TSDf site is already operational, this is an expansion of TSDf phase III; Pre Placement and periodical medical examination of the TSDf site workers Use of personal protective equipment BEIL shall continue the health monitoring program for the employees. It should focus especially on workers who are handling the hazardous waste</p> | <p>Complied. Since the TSDf site is already operational, this is an expansion of TSDf phase III; Pre Placement and periodical medical examination of the TSDf site workers Use of personal protective equipment BEIL shall continue the health monitoring program for the employees. It should focus especially on workers who are handling the hazardous waste</p> |
| Impact on Agriculture and Livestock | No Impact | <p>This is an expansion of TSDf phase-III, area between phase I and Phase II portion of land for setting up of secured Landfill. The area is a barren land without significant vegetation. Hence no impact on the agriculture is envisaged.</p> | <p>Complied. This is an expansion of TSDf phase-III, area between phase I and Phase II portion of land for setting up of secured Landfill. The area is a barren land without significant vegetation. Hence no impact on the agriculture is envisaged.</p> |
| Storm Water | - | <p>BEIL is providing coverage system with storm water collection and drainage for the utilized area as per the CPCB guidelines. The first coverage system has been provided in the year 2001. Since the top coverage system is provided with proper liner system including HDPE liner, the rainwater is taken care of properly. The rainwater is going through the drainage system without any contamination The rainwater harvesting system is provided based on the technology given by the Center for Science & Environment, New Delhi. Schematic diagram of rainwater harvesting system is given in figure</p> | <p>Complied.</p> |

| | | | |
|--|------------------------------|--|---|
| Green Belt | | Adequate green belt will be provided by BEIL around the existing site. Area which has been brought under green belt is to the tune of 41,00 sq. m. Green belt will be properly maintained resulting in formation of a thick canopy of trees around the project site. | Complied. Green belt is developed to a tune of 40,500 sq. mt with thick canopy trees around the project site and 2440 sq. mt. in middle area to mitigate the impacts on the overall air quality at the site. |
| Operation, Maintenance and Closure of the Facility | Contamination of Environment | The site will be operated, maintained and closure of the facility will be done as per approved plan by SPCB and in accordance with guidelines published by CPCB | Complied. The site is being operated, maintained and closure of the facility will be done as per approved plan by SPCB and in accordance with guidelines published by CPCB |
| Post Closure Phase | Ambient air Quality | Monitoring of ambient air quality for various parameters | Complied. Monitoring of ambient air quality for various parameters is being done. |
| | Emission from landfill vents | Monitoring of vents for HCs, VOCs, monthly | Complied. Monitoring of vents for HCs, VOCs is being done. |
| | Leachate Generation | Sampling and analysis of leachate for various parameters, monthly Treatment of generated leachate in Multiple Effect Evaporator | Complied. Sampling and analysis of leachate for various parameters is being done. Treatment of generated leachate is done in Multiple Effect Evaporator or sent to ETL. |
| | Ground water Monitoring | Monitoring of Ground Water | Complied. Monitoring of Ground Water on regular basis is being conducted. |
| | Soil contamination | Monitoring of soil samples | Complied. Monitoring of soil samples on regular basis is being conducted. |
| | Stability of the landfill | Regular inspection and maintenance of the coverage system | Complied. Regular inspection and maintenance of the coverage system is being done. |



OIC

BEIL INFRASTRUCTURE LIMITED
(Formerly Known As Bharuch Enviro Infrastructure Limited)

Date – 13th October 2023

To,
Director of Industrial Safety & Health,
2nd Floor, Multi Storeyed Building,
Opp. Gayatrinagar,
Bharuch-392001

Subject: Submission of On-Site Emergency Plan for the Year 2023-2024.

Respected Sir,

Herewith, we are submitting the "On-Site Emergency Plan" updated in October-2023 for the year of 2023-24.

Kindly acknowledge receipt of the same.

Thanking you,
For, BEIL Infrastructure Limited, Ankleshwar.

Authorized Signatory,



Encl.: As above.

[Handwritten Signature] 13/10/23
જુનિયર ક્લાર્ક
ઔદ્યોગિક સલામતી અને સ્વાસ્થ્ય
ભરૂચ



BUREAU
VERITAS

Bureau Veritas Certification

BEIL INFRASTRUCTURE LIMITED



PLOT NO. 9601 - 04, 9701-16, 10001-3, GIDC INDUSTRIAL ESTATE, ANKLESHWAR,
DIST. BHARUCH – 393 002, GUJARAT, INDIA.

Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organization has been audited and found to be in accordance with the requirements of the Management System standards detailed below.

Standards

ISO 14001:2015 & ISO 45001:2018

Scope of certification

COMMON FACILITY FOR OPERATION & MAINTENANCE OF HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL (SECURE LANDFILL, INCINERATION & MEE) AND WASTE RELATED ANALYTICAL SERVICES

| | |
|--|------------------------|
| Original cycle start date for ISO 14001: | 28 March 2015 |
| Original cycle start date for ISO 45001: | 22 May 2020 |
| Expiry date of previous cycle: | 27 March 2021 |
| Recertification Audit date: | 28 January 2021 |
| Recertification cycle start date: | 08 March 2021 |

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **27 March 2024**

Certificate No. **IND.21.7851/IM/U** Version : 1 Revision date: **08 March 2021**

Signed on behalf of BVCH SAS – UK Branch
Jagdheesh N. MANIAN
Head – CERTIFICATION, South Asia
Commodities, Industry & Facilities Division



0008

Certification body address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom.

Local office: Bureau Veritas (India) Private Limited (Certification Business)
72 Business Park, Marol Industrial Area, MIDC Cross Road "C",
Andheri (East), Mumbai – 400 093, India.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization. To check this certificate validity please call **+91 22 6274 2000**.

TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

| | |
|--|--|
| M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0083 |
| | Issue Date : 06/05/2023 |
| | Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|--|--|
| Description of Sample : Soil Sample | Quantity/No. of Samples : 02 Kg/Four |
| Date of Sampling : 27/04/2023 | Sampling Procedure : USEPA/IS 2720 etc. |
| Sampling By : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : USEPA/IS 2720 etc. |
| Sample Receipt Date : 28/04/2023 | Lab ID : BL/2304/16 |
| Packing/ Seal : Sealed | Test Parameters : As per table |
| Date of Starting of Test : 28/04/2023 | Date of Completion of Test : 06/05/2023 |
| Test Method : USEPA/IS 2720 etc. | |

TEST RESULT

| SR. NO. | TEST PARAMETERS | UNIT | RESULT |
|---------|----------------------------|---------|--|
| | | | BEIL Down side (Nr. HB-7) [#] |
| 1 | pH | -- | 8.48 |
| 2 | Conductivity | µmho/cm | 986 |
| 3 | TDS | % | 0.63 |
| 4 | TOC | % | 0.49 |
| 5 | Fluoride | mg/L | 0.98 |
| 6 | Lead Analyzed By TCLP | mg/L | Not Detected |
| 7 | Copper Analyzed By TCLP | mg/L | 0.52 |
| 8 | Chromium Analyzed By TCLP | mg/L | 0.064 |
| 9 | Mercury Analyzed By TCLP | mg/L | Not Detected |
| 10 | Nickel Analyzed By TCLP | mg/L | 0.91 |
| 11 | Cyanide | mg/L | Not Detected |
| 12 | Arsenic Analyzed By TCLP | mg/L | Not Detected |
| 13 | Zinc Analyzed By TCLP | mg/L | 1.08 |
| 14 | PAH | mg/L | Not Detected |
| 15 | Cadmium Analyzed By TCLP | mg/L | Not Detected |
| 16 | Manganese Analyzed By TCLP | mg/L | 9.46 |

#Detail Provide by Customer.



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

● Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986 ● GPCB approved schedule II auditor ● ISO 14001 : 2004 ● OHSAS 18001 : 2007 ● ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Customer's Name and Address :

Page: 1 of 1

| | |
|--|---|
| M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0083 Issue Date : 27/05/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|---|

| | | | |
|--------------------------|--|----------------------------|------------------------------|
| Description of Sample | : Soil Sample | Quantity/No. of Samples | : 02 Kg/Four |
| Date of Sampling | : 19/05/2023 | Sampling Procedure | : USEPA/IS 2720 etc. |
| Sampling By | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : USEPA/IS 2720 etc. |
| Sample Receipt Date | : 20/05/2023 | Lab ID | : BL/2305/13 & 14 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 20/05/2023 | Date of Completion of Test | : 27/05/2023 |
| Test Method | : USEPA/IS 2720 etc. | | |

TEST RESULT

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | |
|---------|----------------------------|---------|---------------------------------|-----------------------------|
| | | | BEIL up side (Nr. Laboratory) # | BEIL Down side (Nr. HB-7) # |
| 1 | pH | -- | 8.50 | 8.32 |
| 2 | Conductivity | µmho/cm | 1077 | 729 |
| 3 | TDS | % | 0.34 | 0.32 |
| 4 | TOC | % | 0.71 | 0.56 |
| 5 | Fluoride | mg/L | 1.06 | 1.08 |
| 6 | Lead Analyzed By TCLP | mg/L | Not Detected | Not Detected |
| 7 | Copper Analyzed By TCLP | mg/L | 0.28 | 0.38 |
| 8 | Chromium Analyzed By TCLP | mg/L | 0.084 | 0.056 |
| 9 | Mercury Analyzed By TCLP | mg/L | Not Detected | Not Detected |
| 10 | Nickel Analyzed By TCLP | mg/L | 0.62 | 0.78 |
| 11 | Cyanide | mg/L | Not Detected | Not Detected |
| 12 | Arsenic Analyzed By TCLP | mg/L | Not Detected | Not Detected |
| 13 | Zinc Analyzed By TCLP | mg/L | 0.98 | 0.91 |
| 14 | PAH | mg/L | Not Detected | Not Detected |
| 15 | Cadmium Analyzed By TCLP | mg/L | Not Detected | Not Detected |
| 16 | Manganese Analyzed By TCLP | mg/L | 8.14 | 11.24 |

#Detail Provide by Customer.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

● Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
 ● GPCB approved schedule II auditor
 ● ISO 14001 : 2004
 ● OHSAS 18001 : 2007
 ● ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

| | |
|--|---|
| M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0115 Issue Date : 12/06/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|---|

| | |
|---|---|
| Description of Sample : Soil Sample Date of Sampling : 01/06/2023 Sampling By : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 02/06/2023 Packing/ Seal : Sealed Date of Starting of Test : 02/06/2023 Test Method : USEPA/IS 2720 etc. | Quantity/No. of Samples : 02 Kg/Four Sampling Procedure : USEPA/IS 2720 etc. Protocol (purpose) : USEPA/IS 2720 etc. Lab ID : BL/2306/12A & 12B Test Parameters : As per table Date of Completion of Test : 12/06/2023 |
|---|---|

TEST RESULT

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | |
|---------|----------------------------|---------|-------------------------------|---------------------------------|
| | | | UP STREAM (EB-4) [#] | DOWN STREAM (HB-7) [#] |
| 1 | pH | -- | 8.11 | 8.33 |
| 2 | Conductivity | µmho/cm | 1142 | 858 |
| 3 | TDS | % | 0.61 | 0.46 |
| 4 | TOC | % | 0.596 | 0.28 |
| 5 | Fluoride | mg/L | 0.84 | 0.91 |
| 6 | Lead Analyzed By TCLP | mg/L | Not Detected | Not Detected |
| 7 | Copper Analyzed By TCLP | mg/L | 0.47 | 0.62 |
| 8 | Chromium Analyzed By TCLP | mg/L | 0.075 | 0.088 |
| 9 | Mercury Analyzed By TCLP | mg/L | Not Detected | Not Detected |
| 10 | Nickel Analyzed By TCLP | mg/L | 0.73 | 1.04 |
| 11 | Cyanide | mg/L | Not Detected | Not Detected |
| 12 | Arsenic Analyzed By TCLP | mg/L | Not Detected | Not Detected |
| 13 | Zinc Analyzed By TCLP | mg/L | 1.36 | 0.76 |
| 14 | PAH | mg/L | Not Detected | Not Detected |
| 15 | Cadmium Analyzed By TCLP | mg/L | Not Detected | Not Detected |
| 16 | Manganese Analyzed By TCLP | mg/L | 10.08 | 8.68 |

[#]Detail Provide by Customer.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

- Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
● GPCB approved schedule II auditor
● ISO 14001 : 2004
● OHSAS 18001 : 2007
● ISO 9001 : 2008

**"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.**

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

| | |
|--|---|
| M/s. BEIL INFRATSTRCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0152 Issue Date : 11/07/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|---|

| | |
|--|---|
| Description of Sample : Soil Sample Date of Sampling : 04/07/2023 Sampling By : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 05/07/2023 Packing/ Seal : Sealed Date of Starting of Test : 05/07/2023 Test Method : USEPA 1311/IS 2720 etc. | Quantity/No. of Samples : 02 Kg/Four Sampling Procedure : USEPA/IS 2720 etc. Protocol (purpose) : USEPA/IS 2720 etc. Lab ID : BL/2307/16 & 17 Test Parameters : As per table Date of Completion of Test : 11/07/2023 |
|--|---|

TEST RESULT

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | |
|---------|-----------------|---------|-------------------------------|---------------------------------|
| | | | UP STREAM (EB-4) [#] | DOWN STREAM (HB-7) [#] |
| 1 | pH | -- | 8.57 | 8.19 |
| 2 | Conductivity | µmho/cm | 742 | 992 |
| 3 | TDS | % | 0.49 | 1.06 |
| 4 | TOC | % | 0.38 | 0.87 |
| 5 | Fluoride | mg/L | 1.16 | 1.00 |
| 6 | Lead | mg/L | Not Detected | Not Detected |
| 7 | Copper | mg/L | 0.57 | 0.36 |
| 8 | Chromium | mg/L | 0.069 | 0.053 |
| 9 | Mercury | mg/L | Not Detected | Not Detected |
| 10 | Nickel | mg/L | 0.83 | 0.54 |
| 11 | Cyanide | mg/L | Not Detected | Not Detected |
| 12 | Arsenic | mg/L | Not Detected | Not Detected |
| 13 | Zinc | mg/L | 0.95 | 1.06 |
| 14 | PAH | mg/L | Not Detected | Not Detected |
| 15 | Cadmium | mg/L | Not Detected | Not Detected |
| 16 | Manganese | mg/L | 10.46 | 7.68 |

[#]Detail Provide by Customer.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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 ● GPCB approved schedule II auditor
 ● ISO 14001 : 2004
 ● OHSAS 18001 : 2007
 ● ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Customer's Name and Address :

Page: 1 of 1


| | |
|--|--|
| M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0177 Issue Date : 12/08/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|------------------------------|
| Description of Sample | : Soil Sample | Quantity/No. of Samples | : 02 Kg/Four |
| Date of Sampling | : 03/08/2023 | Sampling Procedure | : USEPA/IS 2720 etc. |
| Sampling By | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : USEPA/IS 2720 etc. |
| Sample Receipt Date | : 04/08/2023 | Lab ID | : BL/2308/24 & 25 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/08/2023 | Date of Completion of Test | : 12/08/2023 |
| Test Method | : USEPA 1311/IS 2720 etc. | | |

TEST RESULT

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | |
|---------|-----------------|---------|-------------------------------|---------------------------------|
| | | | UP STREAM (EB-4) [#] | DOWN STREAM (HB-7) [#] |
| 1 | pH | -- | 8.64 | 8.36 |
| 2 | Conductivity | µmho/cm | 816 | 1008 |
| 3 | TDS | % | 0.52 | 1.18 |
| 4 | TOC | % | 0.44 | 0.71 |
| 5 | Fluoride | mg/L | 0.96 | 1.04 |
| 6 | Lead | mg/L | Not Detected | Not Detected |
| 7 | Copper | mg/L | 0.63 | 0.44 |
| 8 | Chromium | mg/L | 0.075 | 0.067 |
| 9 | Mercury | mg/L | Not Detected | Not Detected |
| 10 | Nickel | mg/L | 0.79 | 0.62 |
| 11 | Cyanide | mg/L | Not Detected | Not Detected |
| 12 | Arsenic | mg/L | Not Detected | Not Detected |
| 13 | Zinc | mg/L | 0.87 | 0.98 |
| 14 | PAH | mg/L | Not Detected | Not Detected |
| 15 | Cadmium | mg/L | Not Detected | Not Detected |
| 16 | Manganese | mg/L | 9.86 | 8.27 |

[#]Detail Provide by Customer.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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 ● GPCB approved schedule II auditor
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 ● OHSAS 18001 : 2007
 ● ISO 9001 : 2008

"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart,
 Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :


| | |
|--|---|
| M/s. BEIL INFRATSTRCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002 | Test Report No. : PL/BL/23/0200 Issue Date : 13/09/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|---|

| | |
|--|---|
| Description of Sample : Soil Sample Date of Sampling : 04/09/2023 Sampling By : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 05/09/2023 Packing/ Seal : Sealed Date of Starting of Test : 05/09/2023 Test Method : USEPA 1311/IS 2720 etc. | Quantity/No. of Samples : 02 Kg/Four Sampling Procedure : USEPA/IS 2720 etc. Protocol (purpose) : USEPA/IS 2720 etc. Lab ID : BL/2309/33 & 34 Test Parameters : As per table Date of Completion of Test : 13/09/2023 |
|--|---|

TEST RESULT

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | |
|---------|-----------------|---------|-------------------------------|---------------------------------|
| | | | UP STREAM (EB-4) [#] | DOWN STREAM (HB-7) [#] |
| 1 | pH | -- | 8.46 | 8.29 |
| 2 | Conductivity | µmho/cm | 1094 | 880 |
| 3 | TDS | % | 0.39 | 0.59 |
| 4 | TOC | % | 0.68 | 0.75 |
| 5 | Fluoride | mg/L | 1.24 | 1.18 |
| 6 | Lead | mg/L | Not Detected | Not Detected |
| 7 | Copper | mg/L | 0.38 | 0.46 |
| 8 | Chromium | mg/L | 0.058 | 0.074 |
| 9 | Mercury | mg/L | Not Detected | Not Detected |
| 10 | Nickel | mg/L | 0.65 | 1.02 |
| 11 | Cyanide | mg/L | Not Detected | Not Detected |
| 12 | Arsenic | mg/L | Not Detected | Not Detected |
| 13 | Zinc | mg/L | 1.08 | 2.04 |
| 14 | PAH | mg/L | Not Detected | Not Detected |
| 15 | Cadmium | mg/L | Not Detected | Not Detected |
| 16 | Manganese | mg/L | 10.64 | 11.56 |

[#]Detail Provide by Customer.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

Note: This report is subject to terms & conditions mentioned overleaf.

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 ● GPCB approved schedule II auditor
 ● ISO 14001 : 2004
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 Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

Phone : 0261-2635750, 0261-2635751, 0261-2635775, 07016605174, WEB: www.polluconlab.com, E. mail: pollucon@gmail.com, info@polluconlab.com

ગ્રામ પંચાયત સેંગપુર



GRAM PANCHAYAT SENGPUR

મુ.પો. સેંગપુર, તા. અંકલેશ્વર, જિ. ભરૂચ

At. & Po. Sengpur, Ta. Ankleshwar, Dist. Bharuch

જાવક નં. : વી.પી. સા.સમા.ના-૩૦૮૧૨૨

તા.૧/૬/૨૦૨૨

મોજી-સેંગપુર તા.અંકલેશ્વર ની સા-૩૦૮૧૨૨ ની
રોજી મળેલે સા.સમા ના ઠ ને ૬(૫) ની ખપ પૂરતી નવ

વિષય! ૬! પ્રમુખ સ્થાનેથી રજીસ્ટ્રાત
વિષય ૬(૫) : વનીકલ્લા કલ્યાની મંજુરી આપવા
આપને

ઉશ્વ! ૬(૫) : આપી ઉશ્વ કલ્યાના આપે છે
કે મોજી-સેંગપુર ગામે. બી ધી આલ. એલ
ઈન્ડા. ર-રૂકર. લિ. પ્રા. સેંગપુર ગામ ની
અર્થ નં-૮૬- કુલ કોટકલ-૨-૮૨-૨,
૯૦- ૨-૩૭-૦૫, અર્થ નં- ૯૨-૩-૯૯-૩૩
અર્થ નં- ૮૮- કુ- ૨-૪૨-૭૪. ૧૫. અર્થ નં-૧૧૧
વનીકલ્લા કલ્યાની મંજુરી આપવા
આપની સમાગા સવરિગતે ઉશ્વ
॥ ઉશ્વ ૬(૫) સવરિગતે મજુર ॥

અસલ ઉપરથી ખરી નકલ

ગ્રામ પંચાયત સેંગપુર
તા. અંકલેશ્વર, જિ. ભરૂચ.

ગામ નમુનો નંબર ૭

પ્લોટ/સરવે નંબર : ૮૯
 સત્તા પ્રકાર - જમીનનો ઉપયોગ : જુની શરત (જ.શ.) - ગૌધર
 ખેતરનું નામ
 અન્ય વિગતો :

16/11/2019 05:18 pm ની સ્થિતિએ

મોજે : સેગપુર
 તાલુકો : અકલેધર
 જિલ્લો : ભરૂચ

| લાયક જમીન | ક્ષેત્રફળ હે. આર. ચોમી. | ખાતું નંબર/ક્ષેત્રફળ/આકાર હે. આર. ચોમી. | નોંધ નંબરી અને કબજેદારી ના નામ |
|-------------------------|----------------------------|--|--------------------------------|
| જરાબત | ૨-૮૨-૨૭ | | ૧૪૬૩૧૯૨૫, |
| પો.ખ. અ | ૦-૨૩-૨૭ | | |
| કુલ ક્ષેત્રફળ | ૩-૦૫-૫૪ | ૭૯૧ ૨-૮૨-૨૭ ૧૩.૦૦ | ગૌધરભા(૧૪૬૩) |
| આકાર રૂ. | ૩૧.૦૦ | | |
| જુડી તંદા વિશેષવારો રૂ. | ૦.૦૦ | | |
| પાણીભાગ રૂ. | ૦.૦૦ | | |
| ગણતિયાની વિગતો | | બીજા રકો અને બીજાની વિગતો | |

ગામ નમુનો નંબર ૭

પ્લોટ/સરવે નંબર : ૬૦ ✓
 સત્તા પ્રકાર - જમીનની ઉપયોગ : જુની શરત (જ.શ.) - ગૌચર
 પેટરનું નામ :
 અન્ન વિગતો :

16/11/2010, 05:18 pm ની સ્થિતિએ
 મોજે : સેગપુર
 તાલુકો : અંકલેશ્વર
 જિલ્લો : ભરૂચ

| લાયક જમીન | ક્ષેત્રફળ હે. આરે. ચોમી. | ખાતા નંબર/ક્ષેત્રફળ/આકાર હે. આરે. ચોમી. | નોંધ નંબરો અને કબજેદારો ના નામ |
|------------------------|-----------------------------|--|--------------------------------|
| જરાયત | ૨-૩૪-૦૫ | | ૧૪૬૩,૧૬૨૫,૫૬૭૪* |
| પો.ખ. અ | ૦-૦૩-૦૪ | | |
| કુલ ક્ષેત્રફળ | ૨-૩૭-૦૯ | ૬૯૧ ૨-૩૪-૦૫ ૬૯.૦૦ | ગૌચર(૧૪૬૩) |
| આકાર રૂ. | ૬.૦૦ | | |
| જુડી તથા વિશેષપારો રૂ. | ૦.૦૦ | | |
| પાણીમાત્ર રૂ. | ૦.૦૦ | | |
| વિવાની વિગતો | | બીજા કો અને બીજાની વિગતો | |

ગામ નમુનો નંબર ૭

પ્લોટ/સરવે નંબર : ૬૨

16/11/2010, 05:18 pm ની સ્થિતિએ

સત્તા પ્રકાર - જમીનની ઉપયોગ : જુની શરત (જુ.શ.) - ગૌચર

મોજે : સેગપુર

ખેતરનું નામ :

તાલુકો : અંકલેશ્વર

અન્ય વિગતો :

જીલ્લો : ભરૂચ

| લાયક જમીન | ક્ષેત્રફળ હે. આરે. ચોમી. | પ્લાટ નંબર/ક્ષેત્રફળ/આકાર | નોંધ નંબરો અને કબજેદારો ના નામ હે. આરે. ચોમી. |
|-------------------------|-----------------------------|----------------------------|--|
| જરાયત | ૩-૯૯-૬૩ | | ૧૪૬૩૧૯૨૫,૪૩૩૫, |
| પે.ખ. અ | ૦-૨૬-૩૦ | | |
| કુલ ક્ષેત્રફળ | ૪-૨૫-૯૩ | ૬૯૧ ૩-૯૯-૬૩ ૧૭૭.૦૦ | ગૌચર(૧૪૬૩) |
| આકાર રૂ. | ૧૭.૦૦ | | |
| જુડી રીયા વિશેષધારી રૂ. | ૦.૦૦ | | |
| પાણીભાગ રૂ. | ૦.૦૦ | | |
| કોતિયાની વિગતો | | બીજા રૂકો અને બીજાની વિગતો | |

ગામ નમુનો નંબર ૭

પરચે નંબર : ૬૦

16/11/2019 05:18 pm ની સ્થિતિએ

પ્રકાર - જમીનની ઉપયોગ : જુની શરત (જ.શ.) - ગૌચર

મોજે : સેજપુર

નું નામ

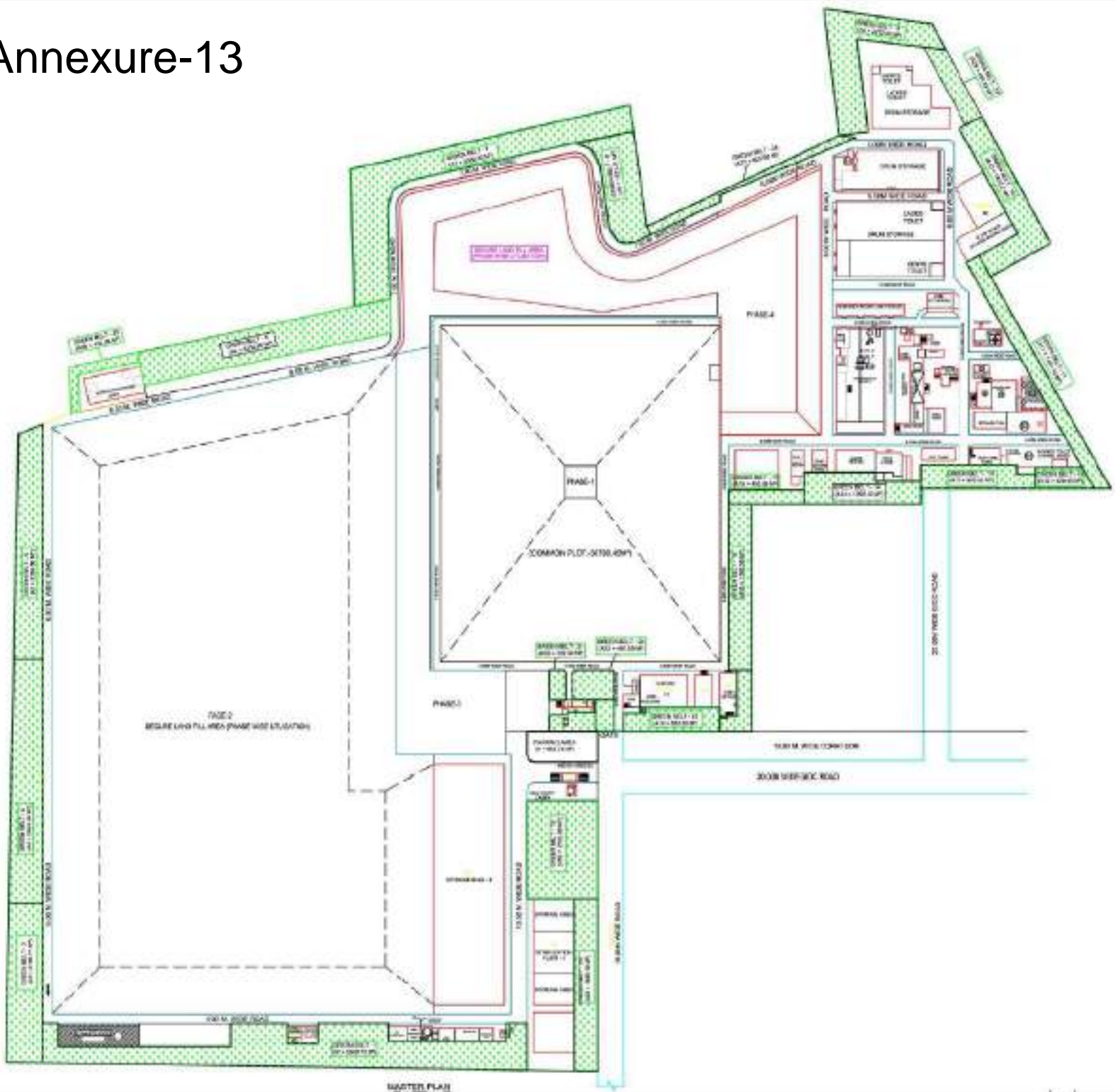
તાલુકો : અંકલેશ્વર

વિગતો :

જીલ્લો : ભરુચ

| ક્રમ જમીન | ક્ષેત્રફળ ફે. આરે. ચોમી. | ખાતા નંબર/ક્ષેત્રફળ/આકાર ફે. આરે. ચોમી. | નોંધ નંબરો અને કબજેદારો ના નામ |
|-------------------|-----------------------------|--|--------------------------------|
| ૧ | ૨-૪૧-૭૪ | | ૧૪૬૩,૧૯૨૫,૪૩૩૫, |
| મારગ | ૦-૦૧-૦૭ | | ----- |
| | | ૬૯૧ ૨-૪૧-૭૪ ૦.૦૦ | ગૌચરશ(૧૪૬૩) |
| કેતફળ | ૨-૪૨-૮૧ | | |
| ૨ કુ. | ૦.૦૦ | | |
| રૂશા વિવેશધારી કુ | ૦.૦૦ | | |
| ભાગ કુ. | ૦.૦૦ | | |
| ત્રિયાની વિગતો | | બીજા કબ્જે અને બીજાની વિગતો | |
| | | ----- | |

Annexure-13





ગુજરાત ઓદ્યોગિક વિકાસ નિગમ

GUJARAT INDUSTRIAL DEVELOPMENT CORPORATION
 (A GOVT. OF GUJARAT UNDERTAKING)

 OFFICE OF THE EXECUTIVE ENGINEER
 624/B, G.I.D.C. Administrative Office Building,
 GIDC, Ankleshwar-393002
 Phone : (02646) 221351

No./GIDC/XEN/ANK/PB / 1217

Date : -201
17 MAY 2017

To,

M/s Bharuch Enviro Infra.

Structure Ltd

Plot No- 7905/E TO 9929

GIDC

Ankleshwar

 Sub.: Approval of drawing of the proposed / Revised, Extension & Alteration
 Factory Building / Residential Building / Commercial Building on Plot/Shed
 No. 7905/E TO 9929

at G.I.D.C., Ankleshwar.

 Ref : (1) Your letter No. on line Dtd. 15/4/17
 (2) Your letter No. — Dtd. —

Dear Sir,

Gujarat Industrial Development Corporation is pleased to inform you that the plans sent by you are approved by this office for construction subject to the following conditions

1. The drawings are subject to approval by the Dy. Director, Industrial Safety & Health. You have to submit within one month to this office.
2. The drawings are subject to checking of structural soundness and safety by your Engineers.
3. The drawings will be subject to revision under regulation formulated by the Corporation from time to time.
4. The full plot is allotted to you and the possession is taken by you.
5. The drawings are subject to the approval by local bodies such as GEB, PWD, PANCHAYAT, MUNICIPALITY etc before starting of construction activities and also as per requirement. GIDC B CON SANT.
6. Effluent shall be treated as per ISS 3088/1965 and plans for the same should be submitted before commencement of the factory.
7. Septic tank, Control Manhole etc should be provided with C.I heavy cover as per requirements.
8. All gates of compound should open inward and be provided with stop which will prevent the gate from opening outwards towards the front part of the road.
9. Barbed wire fencing or compound wall shall be within the plot boundaries of owners own plot.
10. You are requested to obtain the completion certificate from Executive Engineer GIDC, Ankleshwar, after completing the construction work on site.
11. The time limit extension orders, for utilisation of plot/ shed shall be obtained from Regional Manager, GIDC, Ankleshwar.
12. The work shall be executed at your own risk and cost. All the structural changes shall have to checked and supervised by your authorised Engineer.
13. You are requested to provide 3 Nos of tree per 200.00 sq. mts plot area.

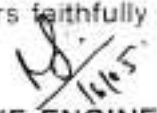
14. The shed _____ is constructed with ram pile foundation hence no excavation upto one meter either side (inside or outside) of wall of sheds shall be done otherwise piles will be exposed and the foundation of sheds may be structurally affected causing damage to shed.
15. Payment of all outstanding dues if any of the Corporation shall be cleared & other concern department.
16. The fact of approval of the plan shall not be prejudicial of the Corporation, right to take any action under the provisions of disposal of property regulation, disposal of land regulations, lease deed, conveyance deed, from the agreement, agreement for sale, offer letter, allotment letter as well as recovery of dues of action under any act in force.
17. This approval is valid for two years only from the date of approval of plan.
18. If the underground drainage collection system is already laid near your plot, please ensure that the effluent from your premises will flow into the nearest GIDC manhole.
19. You shall have provided fire fighting provision as per national building code.
20. You are requested to provide _____ Nos. of Rain water Harvesting with percolating borewell as per Total plot area.
21. You will have to carry out construction activity strictly as per Circular No. GIDC/O&M/CIR/ENG/ HQ/34/99 dated 25/6/99 (copy enclosed) for checks of building construction activity in plot & issuing building completion certificate.
22. Plans approval subject to condition Regarding height Between two floor more than 4.00 mt & total height more than 13.00 mt for which permission from Dy. Director/ Industrial safety & health may be obtained and produce the same to this office.
23. **IMPORTANT NOTE :**
STRUCTURAL SAFETY AND SAFETY MEASURE AGAINST ALL NATURAL CLAIMANTS ARE TO BE TAKEN BY YOU AND ARE NOT CHECKED BY THIS OFFICE GIDC ANKLESHWAR.

Important Note :-
 Structural safety and Safety measures against all natural calamities are to be taken by you and are not checked by this office
 GIDC, Ankleshwar Division

Gujarat Industrial Development Corporation is looking forward towards completion of your factory and its successful functioning within a year.

With best wishes,

Yours faithfully


 EXECUTIVE ENGINEER
 GIDC, ANKLESHWAR.

- Encl: 1. Drawings two sets
 2. Booklet Circular No. GIDC/O&M/CIR/ENG/HQ/34/00 dated 25/6/99.

Copy to :

1. Asstt Manager GIDC Ankleshwar along with one copy of approved drawings for information and record Please.
2. Dy Ex. Engineer GIDC, Ankleshwar along with one copy of approved drawings
3. Chief Officer (NA), GIDC Ankleshwar along with one copy of approved drawings
4. COPY OF S.W.R TO SR. A.T.P GIDC Gandhinagar for along with upper layout plan.

પ્રતિ,

કન્સ્ટ્રક્શન શ્રી.

BEIL INFRASTRUCTURE LTD.

PLOT NO. 7905/E TO 795/H, 7924 TO 7927, 9401 TO G/6 TO 9601 TO 964,
 6/7, 11 TO 13, 9701 TO 9716, 9801 TO 9828, 9901 TO 9906 & 9923 TO 9928.
 GIDC ANKLESHWAR, DIST. BHARUCH.

વિષય- સને ૧૯૪૮ના કારખાનાના અધિનિયમ અન્વયેના નકશા મંજૂર કરવા બાબત (વિસ્તૃતિકરણ)

મહોદય,

ઉપરોક્ત વિષયના સંદર્ભમાં આપના કારખાનાના નકશાની નકલ-નકલો નીચેની શરતોને આધિન રહીને મંજૂર કરી પરત કરવામાં આવે છે.

- (૧) મકાન કે વિસ્તૃતિકરણનો કારખાના તરીકે ઉપયોગ કરતા પહેલા મંજૂર થયેલ નકશામાં બતાવેલ કારખાનાનું વિસ્તૃતિકરણનું બાંધકામ, પ્લાન્ટ તથા મશીનરી અંગે સ્ટ્રક્ચરલ એન્જીનીયરીંગનું કારખાનાની મજબુતાઈ ચકાસ્યા અંગેનું સ્ટેમિલીટી સર્ટીફિકેટ ગુજરાત કારખાનાના નિયમ-૧૯૬૩ના નિયમ-૩(ગ) હેઠળ નક્કી કરેલ નમૂના-૧(એ) માં આપવું. સાથે બાંધકામની સ્ટ્રક્ચરલ ડીટેઇલ, ડીઝાઇન અને ડ્રોઇંગ રજૂ કરવું. ઉપરાંત કારખાનાનું મકાન તેના ફ્લોર સહિત એક ચોરસમીટર ક્ષેત્રફળમાં કેટલું વજન સહન કરી શકશે અને તેની સામે મુકવા ધારેલ વજન એક ચો.મી. માં કેટલું છે. ત્યાં કઈ રીતે બાંધકામ સલામત છે. તેની ગણતરી સહિતની વિગત સ્ટેમિલીટી સર્ટીફિકેટ સાથે રજૂ કરવી. ઉપરાંત બાંધકામની તાકાત લેબોરેટરી ટેસ્ટ કરાવીને તેના પરિણામ સાથે ગણતરીને સરખાવીને રજૂ કરી તે અંગેની જાણ ડાયરેક્ટર ઓફ ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ (કારખાનાના મુખ્ય નિરિક્ષક) ની સ્થાનિક કચેરીએ કરવાની રહેશે.
- (૨) નવું તથા વધારાનું બાંધકામ કરતા અગાઉ સ્થાનિક સત્તાવાળા જેવા કે નગરપાલિકા/નગરપંચાયત/જીલ્લા પંચાયત/ગ્રામ પંચાયત/જાહેર બાંધકામ ખાતું/જી.આઇ.ડી.સી વિગેરેની પાસેથી મંજૂરી મેળવી લેવાની રહેશે.
- (૩) તમારા કારખાનામાંથી નીકળતા વ્યવસાયિક બગાડ જેવા કે, ગંદુ ધાણી, ધુમાડો, ધૂળ કે ગેસ વિગેરેના નિકાલ અંગેની જાણ વાયુ પ્રદૂષણ પાસેથી મંજૂરી મેળવવી.
- (૪) નવા કારખાના માટે નવું બાંધકામ કરેલ હોય તો EODWELFARE & CESS ACT ની જોગવાઈ મુજબ બાંધકામ ની કુલ કિંમતના ૧ ટકા લેખે સેસની રકમ સેસ કલેક્ટર સમક્ષ જમાં કરાવી તેના આધાર/પુરાવા રજૂ કરવાના રહેશે.
- (૫) સક્ષમ અધિકારી દ્વારા મંજૂર કરેલ પ્લાન પ્રમાણે બાંધકામ કરવાનું રહેશે તથા કારખાનામાં બતાવેલ ખુલ્લી રાખવાપાત્ર જગ્યાઈ ખુલ્લી જ રાખવાની રહેશે.
- (૬) કારખાનામાં કામ કરતી વખતે શ્રમચોગીઓની યોગ્ય સલામતીના સાધનો વસાવી પુરાં પાડવાં તેમજ ઈમરજંસી વખતે શ્રમચોગીઓની સહેલાઈથી નીકળી શકે તે માટે રસ્તા/સીડીઓઅડચણ રહીત વ્યવસ્થા કાયમ માટે કરવાની રહેશે.
- (૭) સુધારેલ ગુજરાત ફેક્ટરી ઝુલ્સનાં નિયમ-૬૬(એ) અન્વયે આજ પ્રતિરોધક સાધનો વસાવી નિભાવવાની રહેશે.
- (૮) સૂચિત નકશા રજૂ કરેલ હોઈ ખરેખર બાંધકામ થયા બાદ નકશા મંજૂર કરવા ભલામણ છે.
- (૯) નકશા મંજૂર થયાના ત્રણ માસમાં માન્ય ઇલેક્ટ્રિકલ ડ્રાયર કન્વેનયેન્ટ સીસ્ટમ ઇન્સ્ટોલ કરવાની રહેશે.

આપનો વિશ્વાસ

P. N. Shah
 ડાયરેક્ટર

ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ
 ગુજરાત રાજ્ય અમદાવાદ

ક્રમાંક/ડીઆઇએસએચ/અક-નકશા/ ૨૦૨૨ / ૯૨૫૦
 ડાયરેક્ટર ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થની કચેરી
 શ્રમ ભવન ત્રીજો માળ ગન હાઉસની બાજુમાં
 રૂસ્તમકામા માર્ગ ખાનપુર અમદાવાદ-૦૧
 તા. ૪ / ૫ / ૨૦૨૨

નકલ રવાના-

આસી/ડેપ્યુટી ડાયરેક્ટરશ્રી, ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ, BHARUCH ને મંજૂર થયેલ નકશાની નકલ દસ્તાવેજ સહિત જે તા. ૧૧/૦૪/૨૦૨૨ ના પત્ર ક્રમાંક : ૮૦૦ થી મોકલેલ તે આ સાથે દસ્તાવેજ સહિત પરત કરેલ છે.

S/D

ડાયરેક્ટર

ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ
 ગુજરાત રાજ્ય અમદાવાદ



BHARUCH ENVIRO INFRASTRUCTURE LTD.



B. E. I. L.

SITE OFFICE : 9701-15, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
 PHONE : (02646) 253135, 226228

March 24, 2008

Paryavaran Suraksha Samiti
 Vadodara

Kind attn :- Mr Rohit Prajapat

Dear Sir;

Sub :- Environmental Clearance for our TSD Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSD Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

We are enclosing herewith copy of above Environmental Clearance for your kind perusal.

We hope that you will find the same in order.

Thanking you

Yours faithfully

For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
 Sr General Manager (Environment)

Encl : a/a



BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 8731-16, P.P. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
* PHONE : (02646) 253135, 225928

March 24, 2008

Centre for Environment, Science & Community
CESCOM
Vadodara

Kind attn :- Mr Jayesh Patel

Dear Sir,

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

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Thanking you

Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a



BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 9/01-16, P.S. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

Safety Health & Environment Association
Kasak Fuvara
Bharuch

Kind attn. :- Mr Yogesh Pandya

Dear Sir,

Sub :- Environmental Clearance for our TSD Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

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Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR. P. N. PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a



BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 9701-16, P.S. NO. 82, GIDC, ANKLESHWAR - 383 002., DIST. BHARUCH

PHONE : (02646) 253135, 225228

Mr Pravinbhai P Sheth
Senior Citizen
Ankleshwar

Dear Sir,

Sub :- Environmental Clearance for our TSD Facility

Ref :- Environmental Clearance No. 10-48/2007-IA,III dated 04.03.2008

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Yours faithfully

For, Bharuch Enviro Infrastructure Ltd

DR. P. N. PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a



BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 3701-16, P.E. NO. B2, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH

PHONE : (02646) 253135, 225228

B. E. I. E.

March 24, 2008

Paryavaran Mitra
Ahmedabad

Kind attn :- Mr Mahesh Pandya

Dear Sir,

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 1D-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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Yours faithfully

For, Bharuch Enviro Infrastructure Ltd

DR. P. N. PARAMESWARAN

Sr General Manager (Environment)

Encl : a/a



BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 9701-16, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253130, 226228

March 24, 2008

Brackish Water Research Center
Olpad
Dist - Surat

Kind attn - Mr. M.S.H. Sheikh

Dear Sir,

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA. III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR. P. N. PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a



BHARUCH ENVIRO INFRASTRUCTURE LTD.

SITE OFFICE : 9701-15, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253136, 225228



March 24, 2008

Mr Bipin Upadhyay
Ankleshwar

Dear Sir,

Sub :- Environmental Clearance for our TSD Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSD Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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Thanking you

Yours faithfully,
For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a



BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 9701-16, P.S. NO. 82, GIDC, ANKLESHWAR - 383 002, DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

Mr Sandeep Jaguwala, Advocate
Ankleshwar

Dear Sir,

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-1A.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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Yours faithfully

For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a



BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : S701-16, P.S. NO. 82, GIDC, ANKLESHWAR - 383 002, DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

The Ankleshwar Scrap Dealers' Association
Ansar Market
NH # 8
Ankleshwar

Dear Sir,

Sub :- Environmental Clearance for our TSD Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSD Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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Thanking you

Yours faithfully

For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a



BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 9701-16, P.S. NO. 02, GIDC, ANKLESHWAR - 393 002, DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

Gir Nature Club
Junagadh

Kind attn :- Mr Amit Jethwa

Dear Sir,

Sub :- Environmental Clearance for our TSD Facility

Ref :- Environmental Clearance No: 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSD Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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Thanking you

Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

End : a/a

CITY: AHMEDABAD
 DATE: 12/10/2007
 PRICE: ₹ 10

Sea threatens to drown Dandi's history



THE MARCHERS AT DANDI. The Mahatma Gandhi movement in Dandi, Gujarat, India, in 1930, protesting against the salt tax. The protesters were led by Mahatma Gandhi.

The salt they produced was a source of revenue for the British. In 1930, Mahatma Gandhi led a 240-mile march to the sea to protest against the salt tax. The British government had a monopoly on salt production and distribution. Gandhi's march was a significant event in the Indian independence movement.

Today, however, the march is almost a memory. The salt tax has been abolished, and the British have left India. The Dandi march is now a historical event, remembered for its role in the Indian independence movement.

THE MARCHERS AT DANDI. The Mahatma Gandhi movement in Dandi, Gujarat, India, in 1930, protesting against the salt tax. The protesters were led by Mahatma Gandhi.

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BHARUCH ENVIRO-INFRASTRUCTURE IT

Project No. 5001-20-0001, 1001 to 1003 of 7 and 8, 2004 to 2007, 2008 to 2012, 2013 to 2015, 2016 to 2018, 2019 to 2021, 2022 to 2024, 2025 to 2027, 2028 to 2030, 2031 to 2033, 2034 to 2036, 2037 to 2039, 2040 to 2042, 2043 to 2045, 2046 to 2048, 2049 to 2051, 2052 to 2054, 2055 to 2057, 2058 to 2060, 2061 to 2063, 2064 to 2066, 2067 to 2069, 2070 to 2072, 2073 to 2075, 2076 to 2078, 2079 to 2081, 2082 to 2084, 2085 to 2087, 2088 to 2090, 2091 to 2093, 2094 to 2096, 2097 to 2099, 2100 to 2102, 2103 to 2105, 2106 to 2108, 2109 to 2111, 2112 to 2114, 2115 to 2117, 2118 to 2120, 2121 to 2123, 2124 to 2126, 2127 to 2129, 2130 to 2132, 2133 to 2135, 2136 to 2138, 2139 to 2141, 2142 to 2144, 2145 to 2147, 2148 to 2150, 2151 to 2153, 2154 to 2156, 2157 to 2159, 2160 to 2162, 2163 to 2165, 2166 to 2168, 2169 to 2171, 2172 to 2174, 2175 to 2177, 2178 to 2180, 2181 to 2183, 2184 to 2186, 2187 to 2189, 2190 to 2192, 2193 to 2195, 2196 to 2198, 2199 to 2201, 2202 to 2204, 2205 to 2207, 2208 to 2210, 2211 to 2213, 2214 to 2216, 2217 to 2219, 2220 to 2222, 2223 to 2225, 2226 to 2228, 2229 to 2231, 2232 to 2234, 2235 to 2237, 2238 to 2240, 2241 to 2243, 2244 to 2246, 2247 to 2249, 2250 to 2252, 2253 to 2255, 2256 to 2258, 2259 to 2261, 2262 to 2264, 2265 to 2267, 2268 to 2270, 2271 to 2273, 2274 to 2276, 2277 to 2279, 2280 to 2282, 2283 to 2285, 2286 to 2288, 2289 to 2291, 2292 to 2294, 2295 to 2297, 2298 to 2300, 2301 to 2303, 2304 to 2306, 2307 to 2309, 2310 to 2312, 2313 to 2315, 2316 to 2318, 2319 to 2321, 2322 to 2324, 2325 to 2327, 2328 to 2330, 2331 to 2333, 2334 to 2336, 2337 to 2339, 2340 to 2342, 2343 to 2345, 2346 to 2348, 2349 to 2351, 2352 to 2354, 2355 to 2357, 2358 to 2360, 2361 to 2363, 2364 to 2366, 2367 to 2369, 2370 to 2372, 2373 to 2375, 2376 to 2378, 2379 to 2381, 2382 to 2384, 2385 to 2387, 2388 to 2390, 2391 to 2393, 2394 to 2396, 2397 to 2399, 2400 to 2402, 2403 to 2405, 2406 to 2408, 2409 to 2411, 2412 to 2414, 2415 to 2417, 2418 to 2420, 2421 to 2423, 2424 to 2426, 2427 to 2429, 2430 to 2432, 2433 to 2435, 2436 to 2438, 2439 to 2441, 2442 to 2444, 2445 to 2447, 2448 to 2450, 2451 to 2453, 2454 to 2456, 2457 to 2459, 2460 to 2462, 2463 to 2465, 2466 to 2468, 2469 to 2471, 2472 to 2474, 2475 to 2477, 2478 to 2480, 2481 to 2483, 2484 to 2486, 2487 to 2489, 2490 to 2492, 2493 to 2495, 2496 to 2498, 2499 to 2501, 2502 to 2504, 2505 to 2507, 2508 to 2510, 2511 to 2513, 2514 to 2516, 2517 to 2519, 2520 to 2522, 2523 to 2525, 2526 to 2528, 2529 to 2531, 2532 to 2534, 2535 to 2537, 2538 to 2540, 2541 to 2543, 2544 to 2546, 2547 to 2549, 2550 to 2552, 2553 to 2555, 2556 to 2558, 2559 to 2561, 2562 to 2564, 2565 to 2567, 2568 to 2570, 2571 to 2573, 2574 to 2576, 2577 to 2579, 2580 to 2582, 2583 to 2585, 2586 to 2588, 2589 to 2591, 2592 to 2594, 2595 to 2597, 2598 to 2600, 2601 to 2603, 2604 to 2606, 2607 to 2609, 2610 to 2612, 2613 to 2615, 2616 to 2618, 2619 to 2621, 2622 to 2624, 2625 to 2627, 2628 to 2630, 2631 to 2633, 2634 to 2636, 2637 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2852, 2853 to 2855, 2856 to 2858, 2859 to 2861, 2862 to 2864, 2865 to 2867, 2868 to 2870, 2871 to 2873, 2874 to 2876, 2877 to 2879, 2880 to 2882, 2883 to 2885, 2886 to 2888, 2889 to 2891, 2892 to 2894, 2895 to 2897, 2898 to 2900, 2901 to 2903, 2904 to 2906, 2907 to 2909, 2910 to 2912, 2913 to 2915, 2916 to 2918, 2919 to 2921, 2922 to 2924, 2925 to 2927, 2928 to 2930, 2931 to 2933, 2934 to 2936, 2937 to 2939, 2940 to 2942, 2943 to 2945, 2946 to 2948, 2949 to 2951, 2952 to 2954, 2955 to 2957, 2958 to 2960, 2961 to 2963, 2964 to 2966, 2967 to 2969, 2970 to 2972, 2973 to 2975, 2976 to 2978, 2979 to 2981, 2982 to 2984, 2985 to 2987, 2988 to 2990, 2991 to 2993, 2994 to 2996, 2997 to 2999, 3000 to 3002, 3003 to 3005, 3006 to 3008, 3009 to 3011, 3012 to 3014, 3015 to 3017, 3018 to 3020, 3021 to 3023, 3024 to 3026, 3027 to 3029, 3030 to 3032, 3033 to 3035, 3036 to 3038, 3039 to 3041, 3042 to 3044, 3045 to 3047, 3048 to 3050, 3051 to 3053, 3054 to 3056, 3057 to 3059, 3060 to 3062, 3063 to 3065, 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3494, 3495 to 3497, 3498 to 3500, 3501 to 3503, 3504 to 3506, 3507 to 3509, 3510 to 3512, 3513 to 3515, 3516 to 3518, 3519 to 3521, 3522 to 3524, 3525 to 3527, 3528 to 3530, 3531 to 3533, 3534 to 3536, 3537 to 3539, 3540 to 3542, 3543 to 3545, 3546 to 3548, 3549 to 3551, 3552 to 3554, 3555 to 3557, 3558 to 3560, 3561 to 3563, 3564 to 3566, 3567 to 3569, 3570 to 3572, 3573 to 3575, 3576 to 3578, 3579 to 3581, 3582 to 3584, 3585 to 3587, 3588 to 3590, 3591 to 3593, 3594 to 3596, 3597 to 3599, 3600 to 3602, 3603 to 3605, 3606 to 3608, 3609 to 3611, 3612 to 3614, 3615 to 3617, 3618 to 3620, 3621 to 3623, 3624 to 3626, 3627 to 3629, 3630 to 3632, 3633 to 3635, 3636 to 3638, 3639 to 3641, 3642 to 3644, 3645 to 3647, 3648 to 3650, 3651 to 3653, 3654 to 3656, 3657 to 3659, 3660 to 3662, 3663 to 3665, 3666 to 3668, 3669 to 3671, 3672 to 3674, 3675 to 3677, 3678 to 3680, 3681 to 3683, 3684 to 3686, 3687 to 3689, 3690 to 3692, 3693 to 3695, 3696 to 3698, 3699 to 3701, 3702 to 3704, 3705 to 3707, 3708 to 3710, 3711 to 3713, 3714 to 3716, 3717 to 3719, 3720 to 3722, 3723 to 3725, 3726 to 3728, 3729 to 3731, 3732 to 3734, 3735 to 3737, 3738 to 3740, 3741 to 3743, 3744 to 3746, 3747 to 3749, 3750 to 3752, 3753 to 3755, 3756 to 3758, 3759 to 3761, 3762 to 3764, 3765 to 3767, 3768 to 3770, 3771 to 3773, 3774 to 3776, 3777 to 3779, 3780 to 3782, 3783 to 3785, 3786 to 3788, 3789 to 3791, 3792 to 3794, 3795 to 3797, 3798 to 3800, 3801 to 3803, 3804 to 3806, 3807 to 3809, 3810 to 3812, 3813 to 3815, 3816 to 3818, 3819 to 3821, 3822 to 3824, 3825 to 3827, 3828 to 3830, 3831 to 3833, 3834 to 3836, 3837 to 3839, 3840 to 3842, 3843 to 3845, 3846 to 3848, 3849 to 3851, 3852 to 3854, 3855 to 3857, 3858 to 3860, 3861 to 3863, 3864 to 3866, 3867 to 3869, 3870 to 3872, 3873 to 3875, 3876 to 3878, 3879 to 3881, 3882 to 3884, 3885 to 3887, 3888 to 3890, 3891 to 3893, 3894 to 3896, 3897 to 3899, 3900 to 3902, 3903 to 3905, 3906 to 3908, 3909 to 3911, 3912 to 3914, 3915 to 3917, 3918 to 3920, 3921 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4350 to 4352, 4353 to 4355, 4356 to 4358, 4359 to 4361, 4362 to 4364, 4365 to 4367, 4368 to 4370, 4371 to 4373, 4374 to 4376, 4377 to 4379, 4380 to 4382, 4383 to 4385, 4386 to 4388, 4389 to 4391, 4392 to 4394, 4395 to 4397, 4398 to 4400, 4401 to 4403, 4404 to 4406, 4407 to 4409, 4410 to 4412, 4413 to 4415, 4416 to 4418, 4419 to 4421, 4422 to 4424, 4425 to 4427, 4428 to 4430, 4431 to 4433, 4434 to 4436, 4437 to 4439, 4440 to 4442, 4443 to 4445, 4446 to 4448, 4449 to 4451, 4452 to 4454, 4455 to 4457, 4458 to 4460, 4461 to 4463, 4464 to 4466, 4467 to 4469, 4470 to 4472, 4473 to 4475, 4476 to 4478, 4479 to 4481, 4482 to 4484, 4485 to 4487, 4488 to 4490, 4491 to 4493, 4494 to 4496, 4497 to 4499, 4500 to 4502, 4503 to 4505, 4506 to 4508, 4509 to 4511, 4512 to 4514, 45



o/c

BHARUCH ENVIRO INFRASTRUCTURE LIMITED

BEIL-PH-III/MoEF/03

Date: 19.12.2014

To;
 Ministry of Environment, Forest and Climate Change
 Indira Paryavaran Bhawan
 Jal Block, 2nd Floor.
 Jor Bagh Road, Aliganj, New Delhi-110003

vtc. am. 21
 Received by
 Ministry of Environment, Forest and Climate Change
 Indira Paryavaran Bhawan
 Jal Block, 2nd Floor.
 Jor Bagh Road, Aliganj, New Delhi-110003

Subject: Submission of Compliance status of EC for expansion of TSDF and common incinerator facility

Ref: MoEF, RO-Bhopal, letter No. 5-28/2008(ENV)/356 dated 19.11.2014 regarding certification of compliance

R/Sir,

Kindly refer letter No. 5-28/2008(ENV)/356, dated 19.11.2014. We are submitting herewith our comments /explanation regarding Compliance to EC conditions which are mentioned as not complied and partially complied.

| Conditions | Compliance status as per MOEF Letter No. 5-28/2008(ENV)/356, dated 19.11.2014 | BEIL Comments / Explanation |
|--|--|---|
| A. Specific Condition | | |
| 5. All the conditions stipulated in the letter of Gujarat PCB vide their letter dated 22.05.2007 should be strictly implemented along with hazardous (Management and Handling) Rules 2003 | Partially Complied 1) No consistency in submission of half yearly report along with compliance status | 1) We have obtained EC in March, 2008. We have set up second incinerator in 2012. As the project was not implemented, we have not submitted report earlier. We are regularly submitting half yearly compliance report from January, 2012. The first half yearly report was submitted for July to Dec, 2011. Copies of acknowledgements are attached as Annexure:1 |

CIN No.: U45300GJ1887PLC032898

Works Office : Plot No. 3701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)

Phone: (02648) 283136, 228228 • Fax : (02648) 22848 • E-mail : parjwanla@uniphos.com

Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002, Dist. : Bharuch, (Gujarat)

| | | |
|---|---|---|
| | | application is attached as Annexure :2 |
| 7. A copy of the clearance letter shall be marked to the concerned panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal | Partially Complied No documentary evidence was submitted | 1) We have marked EC copy to concerned, local NGO's from whom suggestions representation have received during processing of the proposal. Copies of letters are attached as Annexure :6 |
| 9. The project proponent should advertise at least in two local newspapers widely circulated in the region around the project one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Gujarat State Pollution Control Board and may also be seen at website of the ministry of environment & forests at http://www.envfor.nic.in | Partly Complied Only one copy of advertisement submitted | 1) We have given advertisement in papers SANDESH dated 22.03.2008, THE INDIAN EXPRESS dated 22.03.2008 Copy advertisements are attached as Annexure: 7(a) and Annexure: 7(b) |

| | | |
|--|---|--|
| | | <p>loss as per the acceptance criteria for landfill. (Copy of comprehensive analysis report is attached as Annexure :4 (a))</p> <p>(Copy of analysis report is available in our Half yearly Environmental Audit (Jan- 2014 to June-2014) carried out by Schedule-1 Auditor is attached as Annexure:4(b))</p> |
| <p>11.</p> <p>Project proponent shall carry out periodical/groundwater/soil monitoring in and around the site to check the contamination including TCLP test for heavy metals</p> | <p>Partly Complied</p> <p>1) Water quality analytical reports of May 2012, November 2012 and May-2014 are showing higher concentration of Nickel and Chromium</p> <p>2) No consistency in submission of half yearly report along with compliance status</p> | <p>1) We have checked the analytical reports of May 2012, November 2012 and May-2014. The limit of Chromium is 0.05 mg/L. & For Nickel we could not find any specific limit. Our results during the period are found within permissible limit. Copy of the analytical reports are attached as Annexure :5</p> <p>2) We have obtained EC in March,2008. We have set up second incinerator in 2012. As the project was not implemented, we have not submitted report earlier. We are regularly submitting half yearly compliance report from January, 2012. The first half yearly report was submitted for July to Dec,2011. Copies of acknowledgements are attached as Annexure:1</p> |
| <p>13</p> <p>Green belt development to a tune of 41,000 sq mts with thick canopy trees around the project site should be taken up to mitigate the impacts on the overall air quality at the site</p> | <p>Partly Complied</p> <p>1) 12,285 saplings have been grown covering an area of 50,000 Sq. Meters, Includes part of greenbelt and plantation over capped cells.</p> | <p>1) We have developed greenbelt in total area of 50,000 Sq. Meters. Approx 12485 Nos. of Plantation done. Development of greenbelt is a continuous process as long as site is operational.</p> |

As per the END NOTE maximum conditions are complied and we are given details regarding specific point No. 6 and 7.

Pt No. 6: We have successfully uploaded our Compliance report on our website at http://www.tatvaglobal.com/about_tatva.php

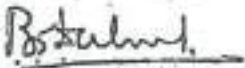
Copy of the Website page is attached as *Annexure: 9*

Pt No. 7: Minutes of Public hearing conducted, are attached as *Annexure: 10* for your ready reference.

We hope that the above is in order. We humbly request you to make correction in the above certificate

Thanking You

Yours faithfully,
For, Bharuch Enviro Infrastructure Ltd.


B. D. Dalwadi
Chief Executive Officer

C.C to

Dr. A. Mehrotra , Director(S)
Ministry of Environment and Forests
Regional Office , Western Region,
Kendriya Paryavaran Bhawan
Link Road No.3
E-5 , RavishankarNagar
Bhopal- 462016

Annexure: 8(b)

વૈભવ બેંક ભરોડા Bank of Baroda

INDANK/ADV/2011-12

Date: 30.04.2011

M/S Bharuch Enviro Infrastructure Ltd
Plot No. 117 G.D.C.,
Ankleshwar 393002

Dear Sir,

Re: - Sanction of various credit facility

We refer to your request for Review with increase/sanction of Various credit facility of Rs.31.31 Crore as per detail given in table given hereunder and are pleased to inform that Bank have considered your request favourably and Reviewed with increase/sanction of various credit facility for a period of 12 months on 27.04.2011 (subject to annual review) on per terms and conditions and securities in the enclosed ANNEXURE-D (page 1-8)

Review with increase/sanction the following facilities:- (₹ in Crores.)

| S. n | Nature of facilities | Existing | Proposed |
|------|-----------------------------------|----------|----------|
| 1 | Working Capital | 0.34 | 0.00 |
| 2 | Term Loan-I Capital Expenditure | 3.50 | 3.17 |
| 3 | Term Loan-II Capital Expenditure | 0.00 | 9.00 |
| 4 | Demand Loan Against Govt. Subsidy | 0.00 | 14.14 |
| | Total Fund Based | 3.84 | 26.31 |
| | Non Fund Based | | |
| 5 | Bank Guarantee (per/financing) | 1.00 | 5.00 |
| | Total Non Fund Based | 1.00 | 5.00 |
| | Total Exposure | 4.84 | 31.31 |

Though above mentioned facilities are sanctioned for a period of 12 months, the right to recall the facilities or alter the terms and conditions at any time at the currency of the facilities.

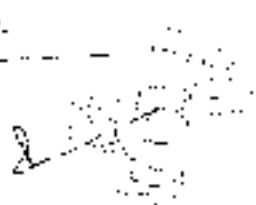
The Bank reserve the right to discontinue the facilities and to withhold, stop disbursements without giving notice in case of non-compliance, breach of any of the terms and conditions stipulated herein and from time to time as also in the relevant documents. Information/particulars furnished to us are found to be incorrect or in case of any development or situation wherein in the opinion of the bank it's interest will be prejudicially affected by such continuation or disbursement.

If the above conditions are acceptable, please arrange to return one copy of this letter signed by the Firm and its Partners, Guarantors bearers on all pages for having accepted the terms and conditions as contained in the Annexure-D (page 1-8) on reading thereof. We shall revert for documentation and other formalities.

Free date of review: 27.04.2012

Yours Faithfully,

(M.V. Rao)
Chief Manager



| | |
|--|--|
| | <p>4) At each stage of disbursement, pre-disbursement inspection to be carried out and use of the Bank's fund to be ensured.</p> <p>5) The borrower is to submit all bills, invoices & receipts and keep record.</p> <p>6) The borrower is to ensure that the entire project implemented (time as scheduled) in case of time over run or cost over run, a matter is to be appraised to the sanctioned authority in time & remedial measures.</p> |
|--|--|

| | | |
|------------------------------|--|-----------------------------|
| 3) Nature of Facility | Demand Loan (Against Government Subsidy)- | |
| Limit | Existing Rs. 0.00 crore | Proposed Rs. 14.14 crore |
| Purpose | To fill-up the Gap of Subsidy (equally) to be receivable from the Govt. for Civil Construction and Purchase of Plant & Machinery and Other Capital Expenditure. | |
| Margin | NA | |
| Rate of Interest | 2.00% over Base Rate, i.e. 11.50% p.a. with monthly reset (concession of 3.50% - applicable rate 5.50% over Base Rate) | |
| Processing charges | One time unified charges of 0.75% plus service tax to be recovered on sanction of the credit facility. | |
| Period | 24 Months | |
| Repayment Schedule | Repayable within two years from subsidy received from Govt. Govt. to Govt. tenure is 24 Months | |
| Security / Document | <ol style="list-style-type: none"> 1) C. F. Note executed by Company, dated 10/01/2014 supported by requisite Board Resolution 10/01/2014. 2) Exclusive 1st charge on movable and immovable assets of the company. 3) Letter of Indemnity with appropriate clause. 4) Companies undertaking dated 10/01/2014. | |

| | | |
|------------------------------|--|----------------------------|
| 1) Nature of Facility | Performance / Financial Indemnity Bank Guarantee | |
| Limit | Existing Rs. 5.00 Crore | Proposed Rs. 5.00 Crore |
| Purpose | For issuing guarantees in favour of various organizations for Performance Guaranteed Advance payment Guarantees and other type of earnest money Guarantee to Government Departments. | |
| Margin | 100% cash in the form of 50% FDR - Financial Bank Guarantee disputed nature to be secured by 100% cash margin. | |
| Commission | Inland BG: Performance - 0.20% plus Service Tax per month and the 100% completed months to pay the fee. Earnest - 0.25% plus Service Tax per month and the 100% completed months to pay the fee. Foreign BG: As per Bank's guidelines from time to time. The commission is to be recovered upfront for the entire duration of BG, including claim period, if any. | |
| Processing charges | Processing charges of 0.10% plus service tax to be recovered on sanction of the credit facility. | |
| Period | 12 months Period of guarantee should not exceed 03 months as per Notice below. | |
| Other Condition | The said facility is to be secured by extension of charge on assets already charged to the bank. | |
| Security | 1) Counter Indemnity of the company. | |

| | |
|---------|--|
| Proviso | <p>Guarantees issued shall be specific & unequivocal. Its objects are Amount b) Period c) Beneficiary and d) Purpose</p> <p>The following type of guarantees shall not be issued:</p> <ol style="list-style-type: none"> Guarantees having unlimited validity / maturity of more than 5 years, except in favour of courts backed by 100% ad gm. Guarantees in respect of deposits / loans received from a person/Bank/NBFC, in lieu of their risk appraisal. <p>3. The Bank Guarantee issued by the Branch shall not contain a onerous clause or liability for payment of interest. The liability of Bank should be clearly determined in terms of amount and time deemed necessary, the guarantee format will be verified from Legal officer at Regional Office.</p> <p>4. In case of invoked BG, no further guarantee is to be issued with permission from Regional office</p> |
|---------|--|

Collateral securities: All the above credit facilities to be secured by first and exclusive charge on immovable and movable assets of the company situated at Plot No 9701 to 9716, 9801 to 9828, 9901 to 9906, 9923 to 9928 (addressing 69847 sq mtrs) 7905/5 TO 7905/11, 7924 TO 7927, 9407 TO 9412, 9501 TO 9506+5+6 TO 9501 TO 9504, 6741001 TO 10003 GIDC, Ankleshwar including plant and machineries.

Composite Hypothecation Agreement executed by the company hypothecating all the current assets including movables machineries to credit limits availed by the company..

Terms & Conditions to be complied with before disbursement of the fresh increased facilities:

- The Company, its directors are to select all loans & mortgages to be sanctioned i.e. unconditional acceptance.
- The company is to pay all stipulated charges i.e. up front legal charges, stamp charges, Processing charges, Dominance charges etc.
- The Company is to submit Board Resolution for availing of these facilities and execution of security documents for the sanctioned amount (Form 100C-75)
- The company is to submit fine Clearance Certificates from Banks approved advocate in respect of immovable properties mentioned at Sr. No. 1 under the heading "Immovable Collateral". The company is to ensure that the titles of the said properties are clear, marketable and unencumbered.
- The company is to execute all security documents including creation/extensions of Floating Mortgage. The executed documents are to be got verified from Region Legal Department. Smart. Discrepancies, if any, are to be rectified.
- At disbursement conditions specified in the "Terms & Conditions" of the sanctioned credit facilities are to be meticulously complied with.

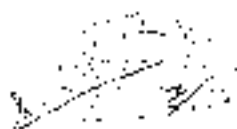
OTHER GENERAL TERMS AND CONDITIONS.

- All stipulated charges over the assets of borrower/guarantor companies are to be registered with the Registrar of the Companies (ROC) within 30 days from the date of its creation. The Branch is to obtain search report from ROC and to ensure that all our stipulated charges are duly registered.
- The company is to create/extend Equitable Mortgages of the stipulated immovable properties.



2. After creation / extension of Equitable Mortgages, the mortgaged documents are also to be got vetted from the Regional Legal Department. Discrepancies, if any are to be rectified.
4. The sanctioned / increased credit facilities will be disbursed only after execution of stipulated security documents and compliance of various terms & conditions of the sanction to the Bank's satisfaction.
5. The Company and its directors are to undertake that during the currency of our advance, they will:
 - Deal exclusively with us, route all their transactions through their Cash Credit account, will not open any Current Account with other Bank/s without permission of the Bank in writing and close the Current Account/s maintained with other bank/s & furnish account closure certificate/s to the Branch.
 - Retain entire of Net Profit after Tax, as estimated/projected
 - Bring additional long term funds to meet with the cost over run/due over run, if any.
 - Bring additional long term funds to meet with the repayment obligations of the Bank in time, if there is negative cash profit or positive cash profit is not adequate to service repayment obligations of the Bank.
 - Bring additional long term funds to meet with estimated/projected Net Working Capital, if case estimated/projected net profit is not achieved
 - Improve and Maintain Current Ratio at minimum level of 1.33 as estimated, projected.
 - Improve and Maintain Debt Equity Ratio (TOL/TNW) at maximum level of 2.00, as estimated/projected.

(Non-compliance of any above-mentioned financial covenant will attract penal interest @ 10% p.a. for the period of default. (17%) waiver of this parameter will be permitted)
6. The Company and its directors are to undertake that during the currency of our advance, they will not, without the permission of the Bank, undertake:
 - Implement any scheme of Extension / Power / Sanction / Renewal / Variation, which are approved by our Bank
 - Execute any scheme of Merger / Acquisition / Liquidation / Reconstitution.
 - Any Change in the management set-up / capital structure / working.
 - Enter up to borrowing, either secured or unsecured with any other bank / Financial institution / Corporate body.
 - Invest / deposit / lend funds to group firm & companies / directors / family members / other corporate bodies / firms / persons.
 - Create any further charge, lien or encumbrances over the assets charged to the Bank in favour of any other Bank, Financial institution / BFC, firm / company or person or otherwise dispose off any of the fixed assets.
 - Engage in any business, which is prohibited by the Memorandum of Association / Companies.
 - Pay commission / brokerage / fees etc to Guarantor / or any other person or guarantying the facilities sanctioned to the Company.
 - Declare dividends for any year except out of the profits related to that year after paying all due and making provisions as required for that year provided there is no default in repayment obligation by the Company
 - Allow the level of net working Capital to come down from the estimated / projected level
7. The Company is to obtain Pollution Control Certificate from Gujarat Pollution Control Board (GPCB) and submit copy of the same to the Branch.



8. The Borrower is to pay up-front fee, processing charges, TFX study & survey charges, documentation charges, commitment charges, FICO premium and inspection charges as applicable at the sanctioned rate or rates prescribed by the Bank from time to time.
9. The proper books of accounts, stock register and records of machineries are to be maintained as per the Bank's requirements and to be made available to the Bank officials / representative during inspection.
10. The securities charged to the Bank are to be inspected on 3-monthly / quarterly / half yearly intervals, as per Bank's guidelines. Inspection charges for periodic verification of stocks / machinery / securities are to be borne by the Company.
11. The Bank will have the right to examine the books of accounts and carry out inspection or valuation of assets of the Company, which are charged to the Bank, from time to time by Bank's official / technical experts / external agencies / C.A. firms / management consultants and / or valuers. The inspection / valuation charges so incurred will be borne by the Company.
12. Bank's nameplate for lien will be displayed prominently at the place of each unit, office, on hypothecated machineries and also at the place of storage of hypothecated goods.
13. All money advanced or to be advanced by the Bank will be utilized exclusively for the purpose set forth in application / project report submitted to the Bank. In case the advance is utilized or attempted to be utilized for any other purpose and the Bank apprehends or has reasons to believe that the said loan is being utilized for any other purpose, the Bank shall have the right to recall the entire or any part of the loan / advance forthwith without assigning any reason there of.
14. The Company is to obtain comprehensive insurance policy covering machinery, various factory buildings, plant & machineries, electric installations, stock of raw materials, fixtures, vehicles, computers, equipments, stock of raw materials, progress, finished goods, residential buildings, etc. covered under the incorporating Bank clause insurance policy and the policy should be issued in different places and should cover all risks including earthquake. The Company is to cover for same as far as possible under Bank's terms and conditions. Insurance policy to be submitted to the Bank.
15. Valuation Reports in respect of the Factory Land & Building, stocks, securities, charged to the Bank and Machineries should be obtained from the Bank approved Architect Engineer / Valuer once in every -3- years as per Bank's norms, the fees for which are to be borne by the Company. The Borrower is to submit list of machineries and other movable fixed assets once in a year to the Bank.
16. The Company is to obtain and continue to obtain / renew various licenses, permissions / clearances etc from various Government Department from time to time. The copies of the same should be given to the Bank.
17. The facilities are sanctioned for a period of -12- months. The borrower's facilities will be subject to satisfactory conduct and performance for which the lender requires the latest audited / provisional financials, CMA, income-tax returns, etc. should be submitted before -3- months of the due date of the review. -2- months from the date of close of financial year of the Company, whichever is earlier, failing which penal interest will be charged as per Bank's guideline.
18. The company is to submit audited financials of the Company at the earliest (irrespective of the date of renewal of facilities).



19. In case of any default in the repayment of the loan or interest, the Bank and / or RBI will have an unqualified right to disclose or publish the name of the Company / directors / guarantors as defaulter in such manner and in such medium as the Bank or the RBI in their absolute discretion may think fit.
20. The Company and the Directors / Guarantors will submit a declaration that none of them is related to any director of our Bank / any other Banking Company or to any staff of our Bank.
21. The Company would keep the Bank informed of the happening of the event that is likely to have substantial effect on the profit, business or circumstance adversely affecting its financial position.
22. The Company will use our e-banking facilities for its entire financial requirements.
23. Penal interest will be charged, @ 1.00% - 2.00% p.a., as per Bank's norms, for the following irregularities:
- ✓ Non / Delayed payment of instalment and / or interest, and / or excess over the limit.
 - ✓ Non / Delayed submission of provisional / audited financials, CMA, I, T returns, etc for review of the facilities.
 - ✓ Non / Delayed payment of invoked guarantee / developed I-C.
 - ✓ In the event of any breach / non-compliance of any major term and condition of the sanction (at the discretion of the Bank)
 - ✓ Non compliance of any financial covenant undertaken by the Company.
24. The company is to ensure that all the terms and conditions of the sanction are complied with in letter & spirit.
25. The advance made available under the above mentioned facilities are available on demand and the terms & conditions of these facilities granted at the discretion of the Bank, are subject to change from time to time without any notice. The Bank reserves the right to withdraw, modify or amend any of the conditions of advance and Bank would not bound to disburse any further advance in the event of any failure on the part of the borrower to comply with all the stipulated terms & conditions.
26. The Bank reserves the right to discontinue the credit facilities / advance wholly and/or to withhold, stop any disbursements without assigning any reasons, giving any notice in case of non-compliance / breach of any of the stipulated conditions stipulated therein and from time to time as also in the relevant document or any information / particulars furnished to the Bank and/or in case of any development or situations wherein, in the opinion of the Bank, its interest will be/is likely to be prejudicially affected by such continuation or disbursement.
27. The rate of interest, margin and other charges will be subject to change as per RBI's directive / Bank's policy from time to time.
28. The stipulated rate of interest (which is subject to change) (existing working rate module at present) prepared by the Branch and to be vetted by the sanctioning authority. The rate of interest is subject to change from time to time based on audited financials as on 31st March of each year, which is to be submitted during 15th October of each year for carrying out credit rating and deciding rate of interest to be charged in the account for the next year effective from 1st October for the respective year (irrespective of due date or reviewal of facilities) in case of any delay in submission of audited financials, Bank reserves the right to charge rate of interest with maximum spread along with penal interest for delay in submission of I/C.

20



29. Company to undertake that in case of delay or non receipt of subsidy from the Government, they will pay the demand loan on its due date from their own resources.
30. The sanction is valid for 4 months from the date of sanction.

[Handwritten signature]
[Handwritten initials]



Annexure : 8 (c)

SURTI & TALATI
CHARTERED ACCOUNTANTS
(FORMERLY K. S. SURTI & CO.)


CERTIFICATE

We have verified the relevant records and project report as shown to us by Bharuch Environ Infrastructure Ltd. having registered office at Plot No. 9701, G.I.D.C. Ankleshwar, Dist. Bharuch, Gujarat and based on that we hereby certify that the projected source of fund towards expenditure proposed to be incurred to complete the expansion of existing landfill and 2nd Common Incinerator plant at GIDC, Ankleshwar was as under:

| Sr. No. | Particulars | Amount (Rs. in Lacs) |
|---------|--|----------------------|
| 1. | Own Fund (Internal Accruals) | 1,136.25 |
| 2. | Subsidy (State and Central Government) | 1,172.18 |
| 3. | Bank Loan | 1,172.18 |

This certificate is issued at the request of the company to submit the same with Minister of Environment and Forests (MOEF), Regional office, Bhopal.

For Surti & Talati
Chartered Accountants
FRN - 16/4924W


(Arpan K. Surti)

Partner

Membership No. 125730

Ankleshwar dated 16th December 2014

About tatva

tatva is one of India's largest and most diversified provider of waste management services, committed to the growing challenge of protecting the environment. Tatva provides environmental management solutions for cities, townships, municipalities, localities, schools, commercial, industrial and residential customers across the country.



Deploying cutting-edge technology to meet India's ever increasing environmental concerns, Tatva's range of services includes collection, treatment, recycling & disposal of regular and hazardous solid waste; handling, recovery & disposal of waste water; sewage treatment, sludge & management of waste supply to power & industries as well as the production of valuable energy from waste.



Tatva's major operations are conducted by a number of subsidiaries comprising spread across India. The various projects and initiatives initiated by Tatva and its group companies have helped to reduce environmental pollution in many parts of the country considerably.



Managed to a great extent by qualified human resources and modern equipment, Tatva is a member of the leading waste management houses of many countries and of India, with a long standing global environmental record. Tatva is the future to come.

Environmental Compliance

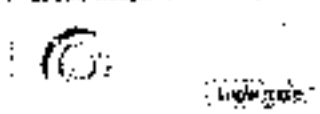
Compliance to Conditions of Environmental Clearance (January 2014 to June - 2014)

C. U. & A Order No. AW-50019 dated 01/04/2014 dated 29.10.2012 & valid upto 31.07.2017

Our Identity: P-ADDA-1105

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BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT

Annexure 18

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

| | | | |
|----------------------|--|---------------------------|----------------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002 | | |
| Sample Description: | Gas Vent Sample | | |
| Sample Quantity: | 01 | Sampling Date: | 08-Apr-2023 |
| Sampling Location: | Landfill Site Phase-1 | Sample Received Date: | 08-Apr-2023 |
| Sample Collected By: | VOC Meter, Dragan Pump | Sampling Procedure: | By Instrument Method |
| Packing Details: | Not Applicable | Analysis Start Date: | 08-Apr-2023 |
| Fuel: | Not Applicable | Analysis Completion Date: | 10-Jun-2023 |

Phase - I Monitoring of Gas Vent Provided in SLF

| Sr. No. | Location | VOC | | | H ₂ S | | |
|---------|----------|----------------|-----------|-----------|------------------|-----------|-----------|
| | | Results in ppm | | | Results in ppm | | |
| | | 08-APR-23 | 05-MAY-23 | 10-JUN-23 | 08-APR-23 | 05-MAY-23 | 10-JUN-23 |
| 1 | VENT -01 | BDL | BDL | BDL | BDL | BDL | BDL |
| 2 | VENT -02 | BDL | 0.2 | BDL | BDL | BDL | BDL |
| 3 | VENT -03 | BDL | BDL | BDL | BDL | BDL | BDL |
| 4 | VENT -04 | BDL | BDL | BDL | BDL | BDL | BDL |
| 5 | VENT -05 | BDL | BDL | BDL | BDL | BDL | BDL |
| 6 | VENT -06 | BDL | BDL | BDL | BDL | BDL | BDL |

Remarks: Report is an Quarterly Basis.

.....END OF REPORT.....

For BEIL Infrastructure Ltd.

P. Sathish Kumar
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Emiro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

| | | | |
|----------------------|---|---------------------------|----------------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | Gas Vent Sample | | |
| Sample Quantity: | 01 | Sampling Date: | 08-Apr-2023 |
| Sampling Location: | Landfill Site Phase-2 | Sample Received Date: | 08-Apr-2023 |
| Sample Collected By: | VOC Meter, Dragan Pump | Sampling Procedure: | By Instrument Method |
| Packing Details: | Not Applicable | Analysis Start Date: | 08-Apr-2023 |
| Fuel: | Not Applicable | Analysis Completion Date: | 10-Jun-2023 |

Phase - II Monitoring of Gas Vent Provided in SLF

| Sr. No. | Location | VOC | | | H ₂ S | | |
|---------|----------|----------------|-----------|-----------|------------------|-----------|-----------|
| | | Results in ppm | | | Results in ppm | | |
| | | 08-APR-23 | 05-MAY-23 | 10-JUN-23 | 08-APR-23 | 05-MAY-23 | 10-JUN-23 |
| 1 | VENT -01 | BDL | BDL | BDL | BDL | BDL | BDL |
| 2 | VENT -02 | BDL | BDL | BDL | BDL | BDL | BDL |
| 3 | VENT -03 | BDL | BDL | BDL | BDL | BDL | BDL |
| 4 | VENT -04 | BDL | BDL | BDL | BDL | BDL | BDL |
| 5 | VENT -05 | BDL | BDL | BDL | BDL | BDL | BDL |
| 6 | VENT -06 | BDL | BDL | BDL | BDL | BDL | BDL |
| 7 | VENT -07 | BDL | BDL | 0.2 | BDL | BDL | BDL |
| 8 | VENT -08 | BDL | BDL | BDL | BDL | BDL | BDL |
| 9 | VENT -09 | BDL | BDL | BDL | BDL | BDL | BDL |
| 10 | VENT -10 | BDL | 0.3 | BDL | BDL | BDL | BDL |
| 11 | VENT -11 | BDL | BDL | BDL | BDL | BDL | BDL |
| 12 | VENT -12 | BDL | BDL | BDL | BDL | BDL | BDL |
| 13 | VENT -13 | 0.5 | BDL | BDL | BDL | BDL | BDL |
| 14 | VENT -14 | BDL | BDL | BDL | BDL | BDL | BDL |
| 15 | VENT -15 | BDL | BDL | BDL | BDL | BDL | BDL |
| 16 | VENT -16 | BDL | BDL | BDL | BDL | BDL | BDL |
| 17 | VENT -17 | BDL | BDL | BDL | BDL | BDL | BDL |
| 18 | VENT -18 | BDL | BDL | BDL | BDL | BDL | BDL |
| 19 | VENT -19 | BDL | BDL | BDL | BDL | BDL | BDL |
| 20 | VENT -20 | BDL | BDL | BDL | BDL | BDL | BDL |
| 21 | VENT -21 | BDL | BDL | BDL | BDL | BDL | BDL |
| 22 | VENT -22 | BDL | BDL | BDL | BDL | BDL | BDL |
| 23 | VENT -23 | BDL | BDL | BDL | BDL | BDL | BDL |
| 24 | VENT -24 | NDL | BDL | BDL | BDL | BDL | BDL |
| 25 | VENT -25 | BDL | BDL | BDL | BDL | BDL | BDL |
| 26 | VENT -26 | BDL | BDL | BDL | BDL | BDL | BDL |
| 27 | VENT -27 | BDL | BDL | BDL | BDL | BDL | BDL |
| 28 | VENT -28 | BDL | BDL | BDL | BDL | BDL | BDL |
| 29 | VENT -29 | BDL | BDL | BDL | BDL | BDL | BDL |
| 30 | VENT -30 | BDL | BDL | BDL | BDL | BDL | BDL |



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

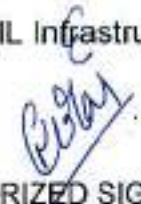
ISO 14001 & ISO 45001 Certified Laboratory

| MoEF&CC Recognized Laboratory | NABL ACCREDITED LAB (TC-8141) | ISO 14001 & ISO 45001 Certified Laboratory |
|-------------------------------|-------------------------------|--|
| 30 VENT -30 | BDL | BDL |
| 31 VENT -31 | BDL | BDL |
| 32 VENT -32 | BDL | BDL |
| 33 VENT -33 | BDL | BDL |
| 34 VENT -34 | BDL | BDL |
| 35 VENT -35 | BDL | BDL |
| 36 VENT -36 | BDL | BDL |
| 37 VENT -37 | BDL | BDL |
| 38 VENT -38 | BDL | BDL |
| 39 VENT -39 | BDL | BDL |
| 40 VENT -40 | BDL | BDL |
| 41 VENT -41 | BDL | BDL |
| 42 VENT -42 | BDL | BDL |
| 43 VENT -43 | BDL | BDL |
| 44 VENT -44 | BDL | BDL |
| 45 VENT -45 | BDL | BDL |
| 46 VENT -46 | BDL | BDL |
| 47 VENT -47 | BDL | BDL |
| 48 VENT -48 | BDL | BDL |
| 49 VENT -49 | BDL | BDL |

Remarks: Report is an Quarterly Basis.

END OF REPORT

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly Known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

| | | | |
|----------------------|--|---------------------------|----------------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002 | | |
| Sample Description: | Gas Vent Sample | | |
| Sample Quantity: | 01 | Sampling Date: | 10-July-2023 |
| Sampling Location: | Landfill Site Phase-1 | Sample Received Date: | 12-Sep-2023 |
| Sample Collected By: | VOC Meter, Dragan Pump | Sampling Procedure: | By Instrument Method |
| Packing Details: | Not Applicable | Analysis Start Date: | 10-Jul-2023 |
| Fuel: | Not Applicable | Analysis Completion Date: | 12-Sep-2023 |


Phase - I Monitoring of Gas Vent Provided in SLF

| Sr. No. | Location | VOC | | | H ₂ S | | |
|---------|----------|----------------|-----------|-----------|------------------|-----------|-----------|
| | | Results in ppm | | | Results in ppm | | |
| | | 10-JUL-23 | 18-AUG-23 | 12-SEP-23 | 10-JUL-23 | 18-AUG-23 | 12-SEP-23 |
| 1 | VENT -01 | BDL | BDL | BDL | BDL | BDL | BDL |
| 2 | VENT -02 | BDL | BDL | BDL | BDL | BDL | BDL |
| 3 | VENT -03 | BDL | BDL | BDL | BDL | BDL | BDL |
| 4 | VENT -04 | BDL | BDL | BDL | BDL | BDL | BDL |
| 5 | VENT -05 | BDL | BDL | BDL | BDL | BDL | BDL |
| 6 | VENT -06 | BDL | BDL | BDL | BDL | BDL | BDL |

Remarks: Report is a Quarterly Basis.

END OF REPORT

For BEIL Infrastructure Ltd.


 AUTHORIZED SIGNATORY
 MR. SATHISHKUMAR GADDAM
 (TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

| | | | |
|----------------------|---|---------------------------|----------------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | Gas Vent Sample | | |
| Sample Quantity: | 01 | Sampling Date: | 10-Jul-2023 |
| Sampling Location: | Landfill Site Phase-2 | Sample Received Date: | 10-Jul-2023 |
| Sample Collected By: | VOC Meter, Dragan Pump | Sampling Procedure: | By Instrument Method |
| Packing Details: | Not Applicable | Analysis Start Date: | 10-Jul-2023 |
| Fuel: | Not Applicable | Analysis Completion Date: | 12-Sep-2023 |

Phase - II Monitoring of Gas Vent Provided in SLF

| Sr. No. | Location | VOC | | | H ₂ S | | |
|---------|----------|----------------|-----------|-----------|------------------|-----------|-----------|
| | | Results in ppm | | | Results in ppm | | |
| | | 10-JUL-23 | 18-AUG-23 | 12-SEP-23 | 10-JUL-23 | 18-AUG-23 | 12-SEP-23 |
| 1 | VENT -01 | BDL | BDL | BDL | BDL | BDL | BDL |
| 2 | VENT -02 | BDL | BDL | BDL | BDL | BDL | BDL |
| 3 | VENT -03 | BDL | BDL | BDL | BDL | BDL | BDL |
| 4 | VENT -04 | BDL | 0.3 | BDL | BDL | BDL | BDL |
| 5 | VENT -05 | BDL | BDL | BDL | BDL | BDL | BDL |
| 6 | VENT -06 | BDL | BDL | BDL | BDL | BDL | BDL |
| 7 | VENT -07 | 0.3 | BDL | BDL | BDL | BDL | BDL |
| 8 | VENT -08 | BDL | BDL | BDL | BDL | BDL | BDL |
| 9 | VENT -09 | BDL | 0.2 | BDL | BDL | BDL | BDL |
| 10 | VENT -10 | BDL | BDL | BDL | BDL | BDL | BDL |
| 11 | VENT -11 | BDL | BDL | BDL | BDL | BDL | BDL |
| 12 | VENT -12 | BDL | BDL | BDL | BDL | BDL | BDL |
| 13 | VENT -13 | 0.5 | BDL | BDL | BDL | BDL | BDL |
| 14 | VENT -14 | BDL | BDL | 0.4 | BDL | BDL | BDL |
| 15 | VENT -15 | BDL | BDL | BDL | BDL | BDL | BDL |
| 16 | VENT -16 | BDL | BDL | BDL | BDL | BDL | BDL |
| 17 | VENT -17 | BDL | BDL | BDL | BDL | BDL | BDL |
| 18 | VENT -18 | BDL | BDL | BDL | BDL | BDL | BDL |
| 19 | VENT -19 | BDL | BDL | BDL | BDL | BDL | BDL |
| 20 | VENT -20 | BDL | BDL | BDL | BDL | BDL | BDL |
| 21 | VENT -21 | BDL | BDL | 0.2 | BDL | BDL | BDL |
| 22 | VENT -22 | BDL | BDL | BDL | BDL | BDL | BDL |
| 23 | VENT -23 | BDL | BDL | BDL | BDL | BDL | BDL |
| 24 | VENT -24 | NDL | BDL | BDL | BDL | BDL | BDL |
| 25 | VENT -25 | BDL | 0.2 | BDL | BDL | BDL | BDL |
| 26 | VENT -26 | BDL | BDL | BDL | BDL | BDL | BDL |
| 27 | VENT -27 | BDL | BDL | BDL | BDL | BDL | BDL |
| 28 | VENT -28 | BDL | BDL | BDL | BDL | BDL | BDL |
| 29 | VENT -29 | BDL | BDL | BDL | BDL | BDL | BDL |

Regd. office & Works Office: Plot No 9701-16, G.I.D.C. Estate, Post Box No 82, Ankleshwar - 393002, Dist - Bharuch (Gujarat)

Tel: 9909994996 | Web: www.beil.co.in | E-Mail: sathish.gaddam@beil.co.in, meghparad@beil.co.in

CIN NO : U45300GJ1997PLC032696

Terms & Condition are on backside



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT

| MoEF&CC Recognized Laboratory | | NABL ACCREDITED LAB (TC-8141) | | | ISO 14001 & ISO 45001 Certified Laboratory | | |
|-------------------------------|----------|-------------------------------|-----|-----|--|-----|-----|
| 30 | VENT -30 | BDL | BDL | BDL | BDL | BDL | BDL |
| 31 | VENT -31 | BDL | BDL | BDL | BDL | BDL | BDL |
| 32 | VENT -32 | BDL | BDL | BDL | BDL | BDL | BDL |
| 33 | VENT -33 | BDL | BDL | BDL | BDL | BDL | BDL |
| 34 | VENT -34 | BDL | BDL | BDL | BDL | BDL | BDL |
| 35 | VENT -35 | BDL | BDL | 0.3 | BDL | BDL | BDL |
| 36 | VENT -36 | BDL | BDL | BDL | BDL | BDL | BDL |
| 37 | VENT -37 | BDL | BDL | BDL | BDL | BDL | BDL |
| 38 | VENT -38 | BDL | BDL | BDL | BDL | BDL | BDL |
| 39 | VENT -39 | BDL | BDL | BDL | BDL | BDL | BDL |
| 40 | VENT -40 | BDL | BDL | BDL | BDL | BDL | BDL |
| 41 | VENT -41 | BDL | BDL | BDL | BDL | BDL | BDL |
| 42 | VENT -42 | BDL | BDL | BDL | BDL | BDL | BDL |
| 43 | VENT -43 | BDL | BDL | BDL | BDL | BDL | BDL |
| 44 | VENT -44 | BDL | BDL | BDL | BDL | BDL | BDL |
| 45 | VENT -45 | BDL | BDL | BDL | BDL | BDL | BDL |
| 46 | VENT -46 | BDL | BDL | BDL | BDL | BDL | BDL |
| 47 | VENT -47 | BDL | BDL | BDL | BDL | BDL | BDL |
| 48 | VENT -48 | BDL | BDL | BDL | BDL | BDL | BDL |
| 49 | VENT -49 | BDL | BDL | BDL | BDL | BDL | BDL |

Remarks: Report is an Quarterly Basis.

.....END OF REPORT.....

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

| | | | |
|-----------------------------------|---|--------|-----------|
| Project Name: | Beil Infrastructure Limited | | |
| Project Address: | Plot No.9701-16, Gidc Industrial Estate | | |
| Town: | Anklesvar (ina) | Block: | Anklesvar |
| District: | Bharuch | State: | Gujarat |
| Pin Code: | | | |
| Communication Address: | Plot No. 9701-16, Gidc Industrial Estate, Anklesvar, Bharuch, Gujarat - 393002 | | |
| Address of CGWB Regional Office : | Central Ground Water Board West Central Region, Swami Narayan College, Building, Shah Alam Tolnaka, Ahmadabad, Gujarat - 380022 | | |

| | | | | | | | | | | | | |
|---|------------------------------|-----------------------------|---------------------|----------------------|---------------------|----------------------|-----------------------------|----------------------|---------------------|----|----|-----|
| 1. NOC No.: | CGWA/NOC/IND/ORIG/2021/10974 | | | | | | | | | | | |
| 2. Application No.: | 21-4/5672/GJ/IND/2020 | 3. Category: (GWRE 2017) | Safe | | | | | | | | | |
| 4. Project Status: | Existing Project | | 5. NOC Type: | New | | | | | | | | |
| 6. Valid from: | 10/02/2021 | 7. Valid up to: | 09/02/2024 | | | | | | | | | |
| 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 | | | | |
| | 527.00 | 192355.00 | | | | | | | | | | |
| 9. Details of ground water abstraction /Dewatering structures | | | | | | | | | | | | |
| | Total Existing No.:1 | | | | | | Total Proposed No.:0 | | | | | |
| | DW | DCB | BW | TW | MP | MPu | DW | DCB | BW | TW | MP | MPu |
| Abstraction Structure* | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 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.): | | | | | | | 1154130.00 | | | | | |
| 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 | 2 | | | | | | 0 | 1 | 1 | | | |

(Compliance Conditions given overleaf)

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

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.

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



BHARUCH ENVIRO INFRASTRUCTURE LIMITED

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

Date: 9.01.2016

Subject: EC for Common Hazardous Waste Secured Landfill Phase-III vide letter F.No.10-10/2014-IA.III dated 31/12/2015.

Dear Sir,

BEIL is operating a Common facility consisting of secured land filling and Incinerator system and located at plot No # 9701-9716, 9801-9828, 9901-9928, 9601-9604, 10001-10008, G-7 & 8, 7924-7927, 9401-9412, 9501-9506, 7905 E To H, GIDC estate, Ankleshwar-393002, Dist. Bharuch, Gujarat.

We have received **Environmental Clearance** vide letter **F.No.10-10/2014-IA.III** dated **31/12/2015** form Ministry of Environment Forest and climate Change for the Common Hazardous waste Secured Landfill.

With Respect to General Condition no. vii of the said Environmental clearance letter, we request you to display this copy at your website www.gpcb.gov.in, for 30 days.

The Copy of the same is attached herewith for your kind Information and records.

Thanking You,

For, Bharuch Enviro Infrastructure Ltd

B.D. Dalwadi

Chief Executive Officer

Copy to:

✓ Mr. K.C. Mistry, Sr. Environment Scientist
Gujarat Pollution Control Board
Paryavaran Bhavan,
Sector-10, Gandhinagar.

OIC



BEIL INFRASTRUCTURE LIMITED
(Formerly Known As Bharuch Enviro Infrastructure Limited)

Ref: BEIL/ANK/2023-24/29

Date: 29.06.23
PCB ID :14983

To,
The Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan, Sector - 10 / A,
Gandhinagar - 382 010

Sub: Environmental Statement for the period April- 2022 to March- 2023.

Ref: (1) Provisional CC&A renewal order No. AWH-126148, dated 19.08.2022 valid up to 31.07.2027
(2) Hazardous & Other Wastes (Handling & Trans-Boundary Movement) Rules 2016

Dear Sir,

BEIL is operating a TSDF Facility consisting of a Secured Landfill Facility, Common Incineration Systems, Pre-processing Facility and Multi Effect Evaporation system at Plot No. 9701-16, GIDC-Estate, Ankleshwar Dist. Bharuch. During the last 25 years of operation of Landfill, we have treated and disposed off 38.80 Lakh MT and Incinerated 3.08 Lakh MT.

In reference to the above-mentioned CC&A & Rules, we are forwarding Environmental Statement for the period April- 2022 to March- 2023.

Also, we would like to bring your kind attention that our laboratory has been accredited by NABL & approved by MoEF&CC. We also have implemented ISO 14001:2015 & ISO 45001:2018 certification for Environmental Management system and Occupational Health and safety standards.

We hope that the above is in order.

Thanking You,

Yours faithfully,
For, BEIL Infrastructure Limited

B. D. Dalwadi

B. D. Dalwadi
(Chief Executive Officer)

30/06/23
Gujarat Pollution Control Board
Head Office
Sector No.-10-A,
Gandhinagar-382010

CC:

1. **Regional Office**
Gujarat Pollution Control Board, Ankleshwar.
2. **Unit Head- Hazardous waste cell**
Gujarat Pollution Control Board, Gandhinagar.



o/c

BEIL INFRASTRUCTURE LIMITED

(Formerly Known As Bharuch Enviro Infrastructure Limited)

Ref: BEIL/ANK/2023-24/29

Date: 29.06.23

PCB ID :14983

To,
The Member Secretary
Gujarat Pollution Control Board
Parvavaran Bhavan, Sector - 10 / A,
Gandhinagar - 382 010

Sub: Environmental Statement for the period April- 2022 to March- 2023.

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Thanking You,

Yours faithfully,

For, BEIL Infrastructure Limited

B. D. Dalwadi
(Chief Executive Officer)

30/06/23
Gujarat Pollution Control Board
Head Office
Sector No.-10-A,
Gandhinagar-382010

CC:

1. Regional Office
Gujarat Pollution Control Board, Ankleshwar.
2. Unit Head- Hazardous waste cell
Gujarat Pollution Control Board, Gandhinagar.



OIC

BEIL INFRASTRUCTURE LIMITED
(Formerly Known As Bharuch Enviro Infrastructure Limited)

Ref: BEIL/ANK/2023-24/29

Date: 29.06.23
PCB ID :14983

To,
The Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan, Sector - 10 / A,
Gandhinagar - 382 010

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Yours faithfully,
For, **BEIL Infrastructure Limited**

B. D. Dalwadi

B. D. Dalwadi
(Chief Executive Officer)

CC:

1. **Regional Office**
Gujarat Pollution Control Board, Ankleshwar.
2. **Unit Head- Hazardous waste cell**
Gujarat Pollution Control Board, Gandhinagar.



ENVIRONMENTAL STATEMENT

**Environmental Statement for the financial year ending 31st March 2023
PART - A**

| | | | | | |
|----|---|---|--|---|---|
| 01 | Name and address of the owner / occupier of the industry / operation or process | | Chairman - Mr. Rajjubhai D. Shroff Director - Mr. Ashok Panjwani Operator - Mr. B.D. Dalwadi | | |
| | | | BEIL INFRASTRUCTURE LIMITED 9701 - 9716, GIDC Estate, Ankleshwar - 393 002 | | |
| 02 | Industry Category | Primary - STC Code | - | | |
| | | Secondary - SIC Code | - | | |
| 03 | Production capacity | Units | NO. | Product | Capacity |
| | | | 1 | Secured landfill site | 34,58,000 MT (Cell-1 &: 23,00,000 MT (Closed)) (Cell-3: 14,58,000 MT (operational)) |
| | | | 2 | Incineration Facility along with heat recovery system | 1) First incinerator- 6.5 million Kcal/Hr (60 MTD) 2) Second incinerator- 6.5 Million Kcal/Hr (60 MTD) |
| | | | 3 | Multi Effective Evaporator System (Integrated with incinerator) | 15 MT/Hr. |
| | | | 4 | Plastic Granules (Recyclable) | 75 MT/M |
| | | | 5 | Processing of plastic waste to reuse as RDF | 100 MT/M |
| | | | 6 | Drum-Decontamination and disposal system | 1,08,000 Nos./Year |
| | | | 7 | Pre-Processing facility | Waste mix Liquid - 16,000 MTPA Waste mix Solid - 10,000 MTPA |
| 8. | E - waste collection, storage, transportation, dismantling and recycling | 700 MTPA | | | |
| 04 | Year of establishment | Landfill in -1997, 1 st Incinerator in - 2005, 2 nd Incinerator - 2011, Multiple Effect Evaporator (MEE) - 2012 Plastic recovery plant started in 2016 E-waste plant started in 2020 | | | |
| 05 | Date of the last Environmental Statement submitted | 19.05.22 | | | |

PART - B

Water and Raw Material Consumption

(1) Water consumption m³ / day

| | | |
|--|---|--------------------------|
| Water consumption | : | 125 m ³ /day |
| Process | : | 57.9 m ³ /day |
| Cooling | : | 48.8 m ³ /day |
| Domestic + Gardening & Landfill construction | : | 18.3 m ³ /day |

| Sr. No. | Name of Products (*) | | Process Water Consumption per unit of product output | |
|--|---|--|--|-----------------------------------|
| | | | During the previous financial year | During the current financial year |
| 1. | Sr. No. | Facility | Actual Qty. during the year 2022-23 | |
| | 1 | Secured Land Fill Site (Phase I, II & III) | 238661.23 MT (received) | |
| | 2 | Common Incineration Facility Along With Heat Recovery System | 14953.846 MT (incinerated) | |
| | 3 | MEE | 74048.40 MT (evaporated) | |
| | 4 | Plastic Granules (Recyclable) | 279.71 MT | |
| | 5 | Processing of Plastic Waste to reuse as RDF | NIL | |
| | 6 | Drum Decontamination and Disposal System | 10044 Nos. | |
| | 7 | Pre-Processing facility | 53768.85 MT | |
| 8 | E- waste collection, storage, transportation, dismantling and recycling | 189.1 MT | | |
| Note: We are an integrated TSDF site and therefore no production activity expect production of plastic granules takes place at site. | | | | |

(*) Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw material used.

(2) Raw Material Consumption

| Sr. No. | Name of Products (*) | Consumption of raw material (in Kgs) | |
|---------|--|---|---|
| | | During the previous financial year | During the current financial year |
| 1 | (Common Secured Landfill Facility & Common Incinerator Facility) | Fly Ash: 5553000 Cement: 8865000 Lime: 2897480 Activated Carbon: 25650 Caustic: 6413415 | Fly Ash: 9877000 Cement: 8632000 Lime: 2620690 Activated Carbon: 24728 Caustic: 4869185 |

PART - C

Pollution discharged to environment / unit of output

(Parameters as specified in the Consent issued)

| Sr. No. | Pollution | Quantity of pollutants discharged (Mass/day) | Concentrations of pollutants in discharges (mass / volume) | Percentage of variation from prescribed Standards with reasons | | |
|---------|-----------|---|--|--|-------------------------|--|
| A | Water | Condensate sent to ETL- 49.28 KL/D | | | | |
| | | COD | 378.27 Kg/day | 7674.86 mg/l | -30.22%(within Limits) | |
| B | Air | Incinerator-1 | | | | |
| | | PM | 30.72 Kg/day | 32.56 mg/m ³ | -34.55% (within limits) | |
| | | HCl | 7.48 Kg/day | 7.93 mg/m ³ | -84.14% (within limits) | |
| | | SO ₂ | 31.3 Kg/day | 33.17 mg/m ³ | -83.41% (within limits) | |
| | | NO _x (NO and NO ₂) | 45.33 Kg/day | 48.05 mg/m ³ | -87.98% (within limits) | |
| | | CO | 13.08 Kg/day | 13.87 mg/m ³ | -86.13% (within limits) | |
| | | Incinerator-2 | | | | |
| | | PM | 32.42 Kg/day | 36.96 mg/m ³ | -26.08% (within limits) | |
| | | HCl | 6.88 Kg/day | 7.85 mg/m ³ | -84.3% (within limits) | |
| | | SO ₂ | 23.21 Kg/day | 26.46 mg/m ³ | -86.77% (within limits) | |
| | | NO _x (NO and NO ₂) | 31.57 Kg/day | 35.99 mg/m ³ | -91.00% (within limits) | |
| | | CO | 12.40 Kg/day | 14.14 mg/m ³ | -85.86% (within limits) | |
| | | Spray dryer | | | | |
| | | PM | 46.25 Kg/day | 37.13 mg/m ³ | -75.25% (within limits) | |
| | | Landfillable waste handling scrubber-11 | | | | |
| | | PM | 2.43 Kg/day | 21.62 mg/m ³ | -85.55% (within limits) | |
| | | HCL | - | Not detectable | - | |
| | | Waste handling area scrubber (shed no.4) | | | | |
| | | HCL | - | Not detectable | - | |
| | | CL ₂ | - | Not detectable | - | |
| | | *Detection Limit: HCl :0.2 mg/Nm ³ , Cl ₂ :0.2 mg/Nm ³ | | | | |

Part - D
Hazardous Waste

(As specified under Hazardous Waste and other waste (Management, Handling and Transboundary movement) rules- 2016)

| Hazardous Wastes | Total Quantity (MT) | |
|--|---|--|
| | During the previous financial year 2021-22 | During the current financial year 2022-23 |
| A | | |
| From Process | (*) | (*) |
| From pollution control facilities (generation) | 14498.55 MT Qty Ash generated from Combustion chamber 5553.54 MT from dry scrubber (Lime Ash) 0.0 MT Non- Hazardous waste 16536.703 MT salt generated from MEE plant. 30949 KL of condensate generated from MEE plant. 27129 KL of leachate water generated from landfilling treated in MEE plant 500 lit of Used Oil generated. | 11035.995 MT Qty Ash generated from Combustion chamber 4187.7 MT from dry scrubber (Lime Ash) 0.0 MT Non- Hazardous waste 12960.93 MT salt generated from MEE plant. 36059 KL of condensate generated from MEE plant. 22652 KL of leachate water generated from landfilling treated in MEE plant 240 lit of Used Oil generated. |
| | 5553.540 MT of Lime Ash generated from incinerator used for pre-treatment (stabilization) of Landfill waste. 520 lit of Used Oil was utilized for our maintenance requirement. | 4187.7 MT of Lime Ash generated from incinerator used for pre-treatment (stabilization) of Landfill waste. 240 lit of Used Oil was utilized for our maintenance requirement. |
| Total quantity disposed of for landfill | Received-263020.15 MT Disposed- 249033.1 MT | Received-238661.23 MT Disposed- 237422.475 MT |
| Total quantity incinerated | 20258.46 MT | 14953.846 MT |

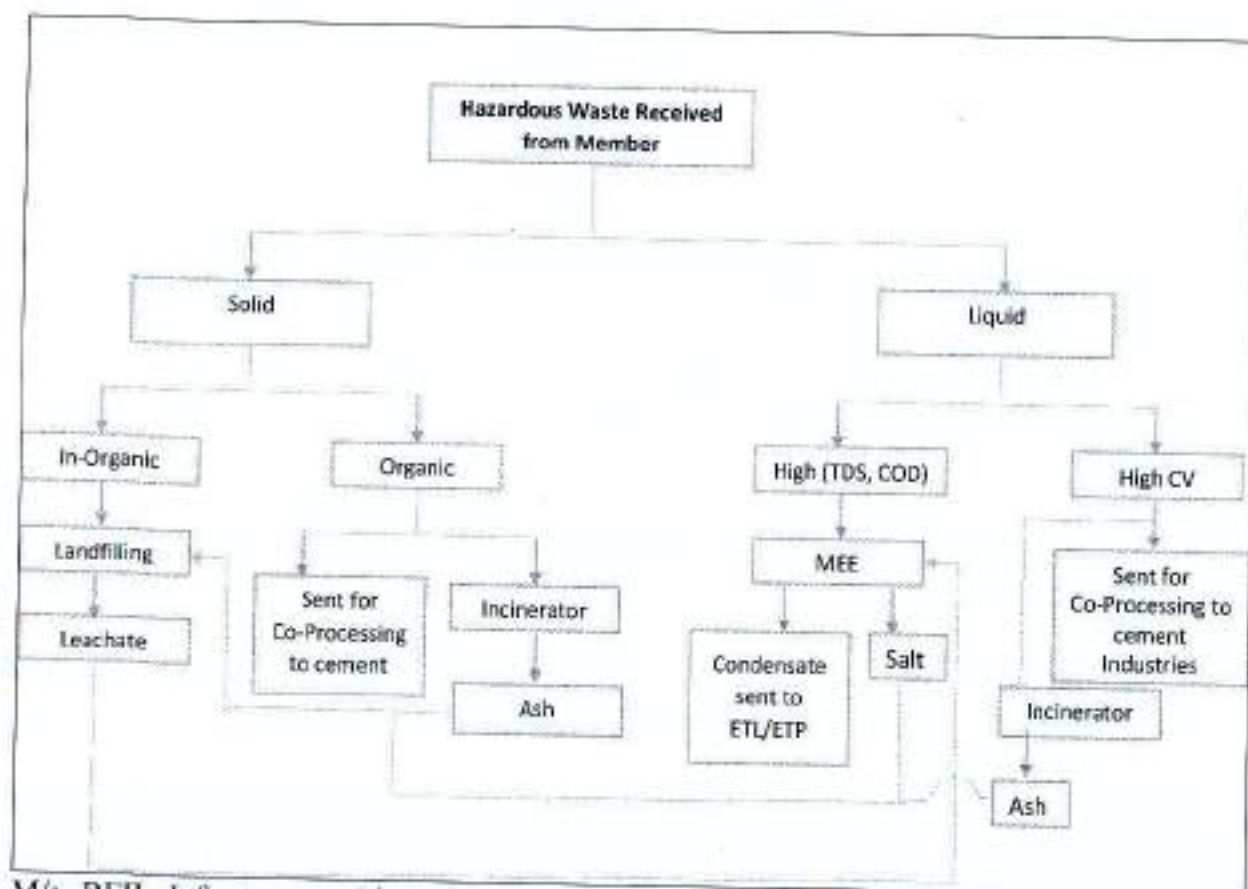
*This is being a TSDF Facility (Common Secured Landfill Facility & Common Incinerator facility), different types of wastes permitted for landfill & Incineration by GPCB, are collected from member industries and disposed at the site.

Part - E
Solid Waste

| Solid Wastes | | Total Quantity (Kgs) | |
|--|---|--|---|
| | | During the previous financial year 2020 - 21 | During the current financial year 2021 - 22 |
| a | From Process | (*) | (*) |
| b | From pollution control facilities | (*) | (*) |
| c | 1) Quantity recycled or re-utilized within the unit | | |
| | (2) Sold | | |
| | (3) Disposed | | |
| (*) This being a TSDF Facility (Centralized Secured Landfill Facility & Common Incinerator Facility), different types of hazardous wastes permitted by GPCB, are collected from member industries, and disposed at the site landfill, Incineration or MEE as per CPCB guideline. | | | |

Part - F

Please specify the characteristics (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.



M/s. BEIL Infrastructure Limited is having Secured Landfill Facility, Common Incineration System and Multiple Effect Evaporator (MEE) Plant. In developed portion of secured landfill, BEIL INFRASTRUCTURE LIMITED is receiving wastes according to the acceptance criteria

for secured landfilling. If waste is not meeting criteria for direct landfilling, necessary treatment like neutralization / stabilization etc are given. Developed portion of secured landfill is covered with soil and layers of liners as per CPCB Guideline. Leachate generated is treated at the MEE/CETP.

BEIL Infrastructure Limited is having a Common Incineration System consisting of rotary kiln, post combustion chamber and air pollution control system. In post combustion chamber, temperature above 1100 °C is maintained. Various types of wastes like liquid organic waste, aqueous waste, solid waste, tarry waste etc are incinerated. The burnt ace generated from Secondary combustion chamber and lime ash generated from the dry scrubber (Bag filter) are disposed at the secured landfill. The bleed water generated from wet scrubber of Incinerator is being sent to CETP for further treatment and disposal. BEIL INFRASTRUCTURE LIMITED has installed the second incinerator with capacity of 6.5 Million K Cal /Hr @ 2.5 MT /11r along with Heat recovery in month of October 2011 and is in operation.

MEE is in operation for treating high TDS effluent streams from Member industries. We are also treating leachate/scrubber solution in the MEE.

BEIL Infrastructure Limited is sending organic liquid & solid waste for co-processing to cement industries.

Part – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

M/s. BEIL Infrastructure Ltd. have common utilities and Infrastructure including NABL & MoEF&CC approved Laboratory Facility for inhouse monitoring.

For the third-party monitoring M/s. BEIL Infrastructure Ltd. has also appointed NABL & MoEF&CC approved Laboratory Facilities of M/s. Pollucon Laboratories Pvt. Ltd. and M/s. Vimta Labs Limited.

The Company has implemented Environmental Management System Standards ISO 14001:2015 and ISO – 18001:2018 and helped in improving overall environmental condition and Safety of the unit.

The project for expansion of secured landfill (phase III) of TSDF (Common Hazardous Waste Treatment, Storage and Disposal Facility) have been developed the two existing Phases with capacity of 14.58 lacs MT.

IIT Delhi, Civil department inspects our TSDFs regularly. Only after inspection and certification, we start using the new cells of landfill for waste disposal.

During monsoon period, the site is kept covered. We have also provided a storage facility for keeping the solid / hazardous wastes collected during monsoon. Leachate generated from the landfill is sent to in house MEE /CETP for treatment.

BEIL Infrastructure Limited have installed two incinerators with capacity of 6.5 million K cal/Hr @ 2.5 MT/ Hr each along with Heat recovery system. Generated steam is being utilized in Multi Effect Evaporation system (MEE).

During the year, have collectively pre-processed 53768.85 MT of hazardous waste and sent for co-processing at cement industries.

M/s.BEIL Infrastructure Limited have installed Multi effect evaporation system (MEE) which is energy efficient compared to other evaporation system.

M/s. BEIL Infrastructure Limited have electronic waste dismantling facility since 2014, currently we are registered recycler and in the process of setting up a precious metal recovery plant.

Part – H

Addition measures / investment proposal for environmental protection including abatement of pollution, prevention of pollution.

Total capital investment for environmental protection including abatement of pollution, prevention of pollution is approx. **Rs 1994.96 Laacs** during the year 2022 – 2023, Details are as follows:

- Temporary shed Expenses
- In MEE plant, coal fire HAG installed with Bag filter
- Incinerator Plant: Bag filter 247 Nos Bags replaced
- E-waste plant-Duct line & Scrubber Arrangement for Dust collector, CRT cutting machine & Gold Refining plant

Part – I

Any other particulars for improving the quality of the environment.

- BEIL Infrastructure Limited has installed weather monitoring system.
- BEIL Infrastructure Limited has installed odour control system with spray, in and around plant area.
- BEIL Infrastructure Limited has installed online AAQMS for SO₂, NO_x, CH₄S, Cl₂, VOC, HF, H₂S & Ozone.
- BEIL Infrastructure Limited has installed online stack monitoring system and data is reflected to CPCB & GPCB office portal continuous.
- M/s. BEIL Infrastructure Limited have installed AIS – 140 GPS system in all Hazardous waste transportation facility as per the new circular of GPCB. For monitoring we are taking services from LCS services India Private limited. The Real Time Monitoring & Calling, projected time of Arrival Alert, total number of kilometers driven by BEIL vehicles, Over Speeding of vehicle, and Stoppage Alert are all being watched.
- NPC, New Delhi carried out environment audit of BEIL, Ankleshwar.
- NEERI, Nagpur carried out hydrogeological studies at BEIL, Ankleshwar.
- NPC, New Delhi evaluated the groundwater monitoring data of BEIL Ankleshwar TSDF site.

- we have installed an Effluent Treatment Plant (ETP) at BEIL Ankleshwar. As a goal to become ZLD (Zero Liquid Discharge) unit, we aim to recycle recovered water.
- We are taking various steps to improve ambient air quality. AQI is in the satisfactory category and we are aiming to reach good level.

For,

BEIL Infrastructure Limited, Ankleshwar.



B. D. Dalwadi
(Chief Executive Officer)

ANNEXURE – 1

Disposal/Production during the year 2022-23 (product-wise)

| Sr. No. | Facility | Consented Qty. | Actual Qty. during the year 2022-23 |
|----------------|--|---|--|
| 1 | Secured Land Fill Site (Phase I, II & III) | 37,58,000 MT | 238661.23 MT (received) |
| 2 | Common Incineration Facility along With Heat Recovery System | 13 Million Kcal/Hour (120 MTD) | 14953.846 MT (incinerated) |
| 3 | MEE | 15 MT/Hour | 74048.40 MT (evaporated) |
| 4 | Plastic Granules (Recyclable) | 75 MT/M | 279.71 MT |
| 5 | Processing of Plastic Waste to reuse as RDF | 100 MT/M | NIL |
| 6 | Drum Decontamination and Disposal System | 1,08,000 Nos/Year | 10044 Nos. |
| 7 | Pre-processing facility | Waste mix Liquid – 16,000 MTPA Waste mix Solid – 10,000 MTPA | 53768.85 MT |
| 8 | E – waste Recycling Process | 700 MT/Year | 189.1 MT |

Annexure- 2

WASTE GENERATION AND DISPOSED DETAILS

Cat.:33.1-Empty barrels/containers/liners contaminated with hazardous chemicals /wastes sold to approved recycler

| Month | Opening stock | Generation | To disposal facility/recycler | Closing Stock |
|---------------------------|---------------|----------------|-------------------------------|---------------|
| All quantity in MT | | | | |
| Apr-22 | 16.155 | 56.000 | 68.530 | 3.625 |
| May-22 | 3.625 | 56.850 | 40.280 | 20.195 |
| Jun-22 | 20.195 | 63.910 | 77.290 | 6.815 |
| Jul-22 | 6.815 | 33.105 | 26.630 | 13.290 |
| Aug-22 | 13.290 | 55.100 | 41.290 | 27.100 |
| Sep-22 | 27.100 | 44.350 | 63.710 | 7.740 |
| Oct-22 | 7.740 | 40.200 | 35.360 | 12.580 |
| Nov-22 | 12.580 | 28.000 | 13.810 | 26.770 |
| Dec-22 | 26.770 | 25.700 | 29.950 | 22.520 |
| Jan-23 | 22.520 | 36.700 | 45.030 | 14.190 |
| Feb-23 | 14.190 | 19.400 | 26.820 | 6.770 |
| Mar-23 | 6.770 | 25.600 | 26.270 | 6.100 |
| Total | | 484.915 | 494.97 | |

| Sr. No. | Name and Address of approved recycler / scrap Processors | Authorization details |
|---------|--|--|
| 01 | M/s. ALKA ENVIRONMENT PROJECTS PVT. LTD. Plot No: 408-A, Shivalik-5, Near Mahalaxmi crossroad, Paldi, Ahmedabad. | Consent Order no.: AWH-104066 valid up to 09.09.24 |

Annexure – 3
WASTE GENERATION AND DISPOSED DETAILS

Cat.: 35.3 - Chemical Sludge from wastewater treatment (MEE plant)

| Month | Opening stock | Generation | To disposal facility at BEIL | Closing Stock |
|--------------------|----------------------|-------------------|-------------------------------------|----------------------|
| All quantity in MT | | | | |
| Apr-22 | 00 | 1307.290 | 1307.290 | 00 |
| May-22 | 00 | 1127.490 | 1127.490 | 00 |
| Jun-22 | 00 | 967.860 | 967.860 | 00 |
| Jul-22 | 00 | 1123.560 | 1123.560 | 00 |
| Aug-22 | 00 | 1191.240 | 1191.240 | 00 |
| Sep-22 | 00 | 1067.97 | 1067.97 | 00 |
| Oct-22 | 00 | 1004.990 | 1004.990 | 00 |
| Nov-22 | 00 | 804.520 | 804.520 | 00 |
| Dec-22 | 00 | 1030.680 | 1030.680 | 00 |
| Jan-23 | 00 | 1106.080 | 1106.080 | 00 |
| Feb-23 | 00 | 1087.250 | 1087.250 | 00 |
| Mar-23 | 00 | 1142.00 | 1142.00 | 00 |
| Total | | 12960.93 | 12960.93 | |

Note: Generated MEE salt is disposed of immediately in the Common Secured Landfill Facility after checking its quality as per the acceptance criteria and there is no storage facility.

Annexure - 4

WASTE GENERATION AND DISPOSED DETAILS
Cat.: 37.2 - Ash from incinerator & flue gas cleaning residue

| Month | Opening stock | Generation | | To disposal facility at BEIL | | Closing Stock |
|--------------------|---------------|-----------------|----------------|------------------------------|----------------|---------------|
| | | Burnt Ash | GCT Ash | Burnt Ash | GCT Ash | |
| All quantity in MT | | | | | | |
| Apr-22 | 00 | 773.21 | 166.49 | 773.21 | 166.49 | 00 |
| May-22 | 00 | 959.51 | 196.01 | 959.51 | 196.01 | 00 |
| Jun-22 | 00 | 693.52 | 181.58 | 693.52 | 181.58 | 00 |
| Jul-22 | 00 | 815.72 | 194.52 | 815.72 | 194.52 | 00 |
| Aug-22 | 00 | 714.77 | 298.97 | 714.77 | 298.97 | 00 |
| Sep-22 | 00 | 815.8 | 255.58 | 815.8 | 255.58 | 00 |
| Oct-22 | 00 | 506.98 | 229.24 | 506.98 | 229.24 | 00 |
| Nov-22 | 00 | 509.42 | 255.56 | 509.42 | 255.56 | 00 |
| Dec-22 | 00 | 818.505 | 140.3 | 818.505 | 140.3 | 00 |
| Jan-23 | 00 | 703.66 | 197.67 | 703.66 | 197.67 | 00 |
| Feb-23 | 00 | 813.07 | 116.91 | 813.07 | 116.91 | 00 |
| Mar-23 | 00 | 577 | 102 | 577 | 102 | 00 |
| Total | | 8701.165 | 2334.83 | 8701.165 | 2334.83 | |

Note: Generated Ash is disposed off immediately in the Common Secured Landfill Facility after checking its quality as per the acceptance criteria and there is no storage facility.

Annexure – 5

WASTE GENERATION AND DISPOSED DETAILS

Cat.: 5.1 – Used / spent Oil

| Month | Opening stock | Generation | Reused for plant maintenance | Closing Stock |
|------------------------|---------------|------------|------------------------------|---------------|
| All quantity in Litres | | | | |
| Apr-22 | 100 | 40 | 20 | 120 |
| May-22 | 120 | 0 | 10 | 110 |
| Jun-22 | 110 | 40 | 20 | 130 |
| Jul-22 | 130 | 40 | 20 | 150 |
| Aug-22 | 150 | 0 | 0 | 150 |
| Sep-22 | 150 | 40 | 0 | 190 |
| Oct-22 | 190 | 0 | 20 | 170 |
| Nov-22 | 170 | 0 | 30 | 140 |
| Dec-22 | 140 | 40 | 30 | 150 |
| Jan-23 | 150 | 40 | 20 | 170 |
| Feb-23 | 170 | 0 | 40 | 130 |
| Mar-23 | 130 | 0 | 30 | 100 |
| Total | | 240 | 240 | |

Annexure – 6

LANDFILLING DETAILS

QUANTITY OF SOLID / HAZARDOUS WASTE RECEIVED

DURING APRIL- 2022 TO MARCH – 2023

| <i>Sr No</i> | <i>Month</i> | <i>Quantity</i> |
|---------------------------|--------------|-----------------|
| All quantity in MT | | |
| 1 | Apr-22 | 21703.05 |
| 2 | May-22 | 35445.83 |
| 3 | Jun-22 | 14654.62 |
| 4 | Jul-22 | 9449.61 |
| 5 | Aug-22 | 9537.49 |
| 6 | Sep-22 | 9743.30 |
| 7 | Oct-22 | 16162.88 |
| 8 | Nov-22 | 25850.87 |
| 9 | Dec-22 | 28351.53 |
| 10 | Jan-23 | 24221.00 |
| 11 | Feb-23 | 22819.74 |
| 12 | Mar-23 | 20721.33 |
| TOTAL | | 238661.23 MT |

INCINERATION DETAILS
QUANTITY OF INCINERABLE WASTE RECEIVED, TREATED AND DISPOSED OFF
DURING APRIL- 2022 TO MARCH- 2023
Opening stock (01.04.2022): 1890.701 MT

| Month | Waste Received (MT) | | | | | | Waste Incinerated (MT) | | | | | |
|--------------|---------------------|-------------|------------|----------|---------|----------|------------------------|-------------|------------|----------|---------|----------|
| | AQUEOUS | ORG. LIQUID | SEMI SOLID | SOLID | TARRY | TOTAL | AQUEOUS | ORG. LIQUID | SEMI SOLID | SOLID | TARRY | TOTAL |
| Apr-22 | 2573.585 | 733.91 | 476.235 | 475.015 | 70.845 | 4329.59 | 452.529 | 295.085 | 135.361 | 333.903 | 34.173 | 1251.051 |
| May-22 | 2975.59 | 839.97 | 490.75 | 345.697 | 41.9 | 4693.907 | 528.349 | 430.913 | 242.699 | 125.587 | 77.005 | 1404.553 |
| Jun-22 | 3082.5 | 1190.505 | 364.665 | 599.32 | 19.6 | 5256.59 | 448.98 | 324.783 | 163.246 | 312.718 | 21.217 | 1270.944 |
| Jul-22 | 3042.15 | 1187.11 | 766.54 | 489.701 | 19.51 | 5505.011 | 425.308 | 333.366 | 150.678 | 285.592 | 21.408 | 1216.352 |
| Aug-22 | 3291.36 | 1388.36 | 548.125 | 435.925 | 15.04 | 5678.81 | 683.025 | 365.977 | 363.906 | 170.584 | 11.64 | 1595.132 |
| Sep-22 | 2671.92 | 889.09 | 324.7 | 431.58 | 13.31 | 4330.606 | 329.688 | 501.84 | 334.94 | 35.557 | 14.805 | 1539.84 |
| Oct-22 | 3286.38 | 1226.64 | 248.20 | 465.87 | 15.12 | 5242.20 | 249.69 | 360.03 | 143.07 | 307.76 | 6.76 | 1067.319 |
| Nov-22 | 4926.66 | 1815.07 | 404.63 | 355.69 | 0.00 | 7502.04 | 194.86 | 254.92 | 169.80 | 388.32 | 0.00 | 1007.899 |
| Dec-22 | 4367.03 | 1283.37 | 278.73 | 310.98 | 0.00 | 6240.10 | 273.45 | 319.97 | 267.24 | 249.11 | 0.00 | 1109.761 |
| Jan-23 | 4776.23 | 1983.09 | 313.65 | 287.38 | 20.14 | 7380.48 | 397.51 | 326.20 | 354.26 | 248.23 | 0.00 | 1326.193 |
| Feb-23 | 4319.94 | 1492.28 | 234.77 | 271.33 | 20.02 | 6338.33 | 176.26 | 316.00 | 290.95 | 239.51 | 1.41 | 1024.121 |
| Mar-23 | 5221.67 | 1528.91 | 292.88 | 337.31 | 23.21 | 7403.97 | 278.10 | 398.71 | 179.62 | 276.92 | 7.32 | 1140.681 |
| Total | 44535.02 | 15558.31 | 4743.875 | 4805.798 | 258.695 | 69901.63 | 4437.749 | 4227.794 | 2795.77 | 2973.791 | 195.738 | 14953.85 |

Total 53768.85 MT waste sent for co-processing, closing stock as on (31.03.2023): 3069.653 MT

Annexure – 7
WASTE GENERATION AND DISPOSED DETAILS
 (Pre-Processing)

| Month | Opening stock | Pre-Processing | Dispatch Qty. | Closing Stock |
|---------------------------|---------------|-----------------|-----------------|---------------|
| All quantity in MT | | | | |
| Apr-22 | 0.000 | 2735.751 | 2735.751 | 0.000 |
| May-22 | 0.000 | 3016.217 | 3016.217 | 0.000 |
| Jun-22 | 0.000 | 3806.377 | 3806.377 | 0.000 |
| Jul-22 | 0.000 | 3524.055 | 3524.055 | 0.000 |
| Aug-22 | 0.000 | 4082.602 | 4082.602 | 0.000 |
| Sep-22 | 0.000 | 3178.249 | 3178.249 | 0.000 |
| Oct-22 | 0.000 | 2735.751 | 2735.751 | 0.000 |
| Nov-22 | 0.000 | 4077.789 | 4077.789 | 0.000 |
| Dec-22 | 0.000 | 6157.770 | 6157.770 | 0.000 |
| Jan-23 | 0.000 | 5448.870 | 5448.870 | 0.000 |
| Feb-23 | 0.000 | 6166.660 | 6166.660 | 0.000 |
| Mar-23 | 0.000 | 5527.180 | 5527.180 | 0.000 |
| Total | | 53768.85 | 53768.85 | |

Note: Waste sent for co-processing at M/s. Ambuja cements Ltd., Kodinar. M/s Birla Corporation Ltd.- Chanderia, Rajasthan. M/s Shree Cement Ltd.- Rajasthan. M/s Nuvoco vistas Corporation Ltd., Nimbahera, Rajasthan. M/s Ultratech Cement, Dhar, Madhya Pradesh. M/s JK Cement Works, Mangrol, Nimbharia, Rajasthan. M/s JK Cement Works, Kailashnagar, Nimbharia, Rajasthan. M/s. Ambuja cement, Bhatapara, Chhattisgarh. M/s. ACC Limited, Jamul, Chhattisgarh, M/s Nuvoco vistas Corporation Ltd., Sonidha, Chhattisgarh, Rajasthan. M/s JK Cement Works, Muddapur, Karnataka.

Proposed in CC&A renewal application (industry to be added): (13) M/s Dalmia cement Bharat Limited, Sundargarh (odisha), (14) M/s Dalmia cement Bharat Limited, Chikkodi (karnataka) , (15) M/s Dalmia cement Bharat Limited, Chandrapur (Maharashtra), (16) M/s Prism Johson Limited, Rampur Baghelan, Unit – 1 and Unit – 2. (M.P), (17) M/s Shree Cement Limited, Beawar (Rajasthan). (18) M/s. Sanghi Industries Ltd (19) M/s Shriram Cement Limited- Kota (20) M/s Nuvoco Vistas Coporation Ltd UDB Tower, A-1 4th Floor, JLN Marg, Jaipur Tehsil: Jaipur District: Jaipur (21) M/s NU Vista Limited Village - Risda, Suhela Road, Balodabazar, District – Balodabazar-Bhatapara (C.G.) (22) M/s Nirma Limited, Village , Digrana Dungarnagar Kharadi Nimol Tehsil: Jaitaran District: Pali Rajasthan

Annexure - 8

Quantity of Plastic Granules from plastic waste

| Month | Opening stock | Qty of Plastic granules made | Dispatch Qty. | Closing Stock |
|---------------------------|---------------|------------------------------|---------------|---------------|
| All quantity in MT | | | | |
| Apr-22 | 0.000 | 21.00 | 21.00 | 0.000 |
| May-22 | 0.000 | 21.22 | 21.22 | 0.000 |
| Jun-22 | 0.000 | 18.75 | 18.75 | 0.000 |
| Jul-22 | 0.000 | 14.80 | 14.80 | 0.000 |
| Aug-22 | 0.000 | 17.550 | 17.550 | 0.000 |
| Sep-22 | 0.000 | 24.800 | 24.800 | 0.000 |
| Oct-22 | 0.000 | 21.70 | 21.70 | 0.000 |
| Nov-22 | 0.000 | 21.35 | 21.35 | 0.000 |
| Dec-22 | 0.000 | 14.50 | 14.50 | 0.000 |
| Jan-23 | 0.000 | 23.85 | 23.85 | 0.000 |
| Feb-23 | 0.000 | 41.850 | 41.850 | 0.000 |
| Mar-23 | 0.000 | 38.340 | 38.340 | 0.000 |
| Total | | 279.71 | 279.71 | |



012
BHARUCH ENVIRO INFRASTRUCTURE LIMITED

Ref.:BEIL/ANK/MoEF/2017

Date: 12.08.2017

PCB ID: 14983

To,
Mr. B. B. Barman, Scientist F
Ministry of Environment, Forest & Climate Change
Western Region Office,
Kendriya Paryavaran Bhavan,
Link Road No.3, E-5 Ravishankar Nagar
Bhopal-462016

Sub: Environmental Clearance received for Proposed Enhancement of Capacity change in configuration of Incinerator Plant at BEIL, Ankleshwar unit.

Ref: Environmental Clearance F. No. 10-10/2014-IA-III dated 1st August, 2017.

Dear Sir,

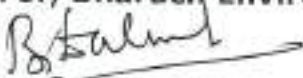
With Reference to the aforesaid Environmental Clearance F. No. 10-10/2014-IA-III dated 1st August, 2017, which we have received on 08-August-2017 for enhancement of capacity change in configuration of the incinerator installed at Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at BEIL, Ankleshwar unit.

As mentioned in the EC condition No. 6, it has to be published in newspaper within 7 days from the date of receipt of the clearance letter in at least two local newspapers. We would like to inform that we have published in English (Times of India) on 11th Aug, 2017 and a vernacular language, Gujarati (SANDESH & Divya Bhaskar) Newspapers on 10th Aug, 2017.

The copies of the stated three newspapers are attached herewith for your reference and record.

Thanking you,

Yours Faithfully,
For, Bharuch Enviro Infrastructure Ltd.


B. D. Dalwadi
Chief Executive Officer

C.C: (1) Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan, Sector-10/A, Gandhinagar-382010
(2) Regional Officer
Gujarat Pollution Control Board
Ankleshwar

Received
Gujarat Pollution Control Board
RQ Ankleshwar
15/8/17

CIN No.: U45300GJ1997PLC032696

Works Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)

Phones (02648) 253135, 225228 • Fax : (02646) 222849 • E-mail : panjwani@uniphos.com

Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002, Dist.: Bharuch. (Gujarat)

RD4013339 IN IVR:827104013835
 RL ANKLESHWAR IE SO <393002>
 Counter No:1.23/11/2020, 13:30
 To: THE ADDL PRIN, BHOPAL
 PIN:462016, R.S.Nagar S.O
 From: BEIL INFRASTRUCTURE ,GIDC
 11/20/20
 15:05:00(Cash)
 <Track on www.indiapost.gov.in>
 Dial 1800266682 <Wear Masks, Stay Safe>

BEIL INFRASTRUCTURE LIMITED

(Formerly Known As Bharuch Enviro Infrastructure Limited)

Date: 19.11.20

PCB ID: 14983

To,
 The Additional Principal Chief Conservator of Forests (Central)
 Ministry of Environment, Forest & Climate Change
 Western Region Office,
 Kendriya Paryavaran Bhavan,
 Link Road No.3, E-5 Ravishankar Nagar
 Bhopal-462016

Sub: Environmental Clearance received for expansion of secured landfill (Phase IV) of Landfill Facility at (TSDF) at M/s. BEIL Infrastructure Limited, Ankleshwar unit.

Ref: Environmental Clearance F. No. 10-25/2019-IA-III dated 15th October, 2020

Respected Sir,

With Reference to the aforesaid Environmental Clearance F. No. 10-25/2019-IA-III dated 15th October 2020, which we have received on 16th October 2020 expansion of secured landfill (Phase IV) of Landfill Facility at (TSDF), Ankleshwar unit.

As mentioned in the EC condition No. IX (i) that it has to be published in newspaper within 7 days from the date of receipt of the clearance letter in at least two local newspapers.

We would like to inform that we have published it in English newspaper (Times of India) on 21st October, 2020 and in a vernacular language, Gujarati newspaper (Divya Bhaskar) on 20th October, 2020.

The copies of the stated two newspapers are attached herewith for your ready reference and record.

Thanking you,

Yours Faithfully,
 For, BEIL Infrastructure Ltd.

B. D. Dalwadi

B. D. Dalwadi
 Chief Executive Officer

C.C: (1) Member Secretary
 Gujarat Pollution Control Board
 Paryavaran Bhavan, Sector-10/A, Gandhinagar-382010
 (2) Regional Officer
 Gujarat Pollution Control Board
 Ankleshwar

20/11/2020
 Gujarat Pollution Control Board
 Head Office
 Sector No. 10-A,
 Gandhinagar-382010

RECEIVED
 Gujarat Pollution Control Board,
 R.O. Ankleshwar
 19-11-2020

સામાજિક પ્રવૃત્તિઓ સાથે સંકળાયેલા સેવક આપુએ છેલ્લાં 47 વર્ષથી જુના સિક્કાઓ એકત્ર કરવાનો શોખ ધરાવે છે. તેમના પિતા જે તે સમયે લોકોને વિદેશ મોકલવાનું કામ કરતાં હતાં. તે સમયે અન્ય દેશમાં જઈને આવતાં તેમના પરિચીતો તેમના માટે જે તે દેશના જુના સિક્કા-એટ સોગાદો લાવતાં હતાં. તેમના પિતાએ જે તે વખતે જુના સિક્કા નોટો સંગ્રહ

કરવાની શરૂઆત કરી હતી. જે માટે તેમને જોઈને 7 વર્ષની ઉંમરથી જ આઈઈ સીઈ સેવક ઉર્ફે સેવક બાપુને પણ સિક્કા, પોસ્ટલ ટીકેટ તેમજ એ-ટીક વસ્તુઓ એકત્ર કરવાનો શોખ શરૂ થયો હતો. આજે તેમની પાસે સેંકડોનો

લાખમાં આડવામાં આવી રહી છે. કોરોની કિમતના સિક્કાઓના સંગ્રહ કર્યા હોવા છતાં હવે તેઓ તેને નિલામ કરવાનું વિચારી રહ્યાં છે. તેઓએ જણાવ્યું હતું કે, ઉન્વેન્ડ સહિતના મુલકમાં થતી ઓક્શનની પ્રક્રિયામાં જોડાઈ તેઓ તેમના ઉમતી સિક્કાઓની નિલામી કરવાની ઇચ્છા ધરાવી રહ્યાં છે. નિલામીમાંથી મળનારી રકમથી તેઓ હોસ્પિટલ શરૂ કરવા માંગે છે.

સમાજ દ્વારા વિષ્ણુ સહસ્ત્ર યજ્ઞ કરાયો



રાજાપીપલા | કોરોના મહામારીના સમયમાં સ્વર્ગવાસ થયેલાની આત્માની શાંતિ માટે યોજવામાં આવેલ વિષ્ણુ સહસ્ત્ર નામ પાઠ તથા સ્વાહાકાર યજ્ઞ કરવામાં આવ્યાં હતાં. જેમાં નર્મદા જિલ્લા ના રાજાપીપલા શહેર માં કોરોના મહામારી આજે પણ ગઈ નથી અને હાલ નર્મદા જિલ્લા માં 1128 કેસ કોરોના ના થયા છે. અને શહેરમાં કોરોના ના મૃત્યુ ઓક માત્ર કાઠીયાવાડ માં 30 જેટલા વ્યક્તિ ઓન મોત થયા છે. ત્યારે કોરોના કેસમાં વધારો ન થાય માટે રાજાપીપલા કાઠીયાવાડ વિસ્તારમાં આવેલ લક્ષ્મીનારાયણ મંદિરમાં નવરાત્રી દરમ્યાન માની પૂજા કરવામાં આવી એ પહેલા કોરોના મહામારી ના સમયમાં રાજાપીપલા માં સ્વર્ગવાસ થયેલા જીવાત્માના શાંતિ માટે અધિક માસમાં દરરોજ 100 થી વધુ વિષ્ણુ સહસ્ત્રના પાઠ 30 દિવસ સુધી સતત કરવામાં આવ્યા હતા. કુલ 3000 થી વધુ પાઠ કરવામાં આવ્યા હતા. આ પાઠના દસાણ નામાવલી યજ્ઞ કરવામાં આવ્યો હતો. અમાસ ના દિવસે સમૂહ આરતી ઉતારવામાં આવી હતી ઉપરાંત પાઠમાં ભાગ લેનાર 35 ભક્તજનોનું સન્માન કરવામાં આવ્યું હતું હવે જિલ્લામાં કોરોના મહામારી ન વધે માટે યજ્ઞમાં 20,000 આકૃતિ આપવામાં આવી હતી. સમાજમાં આ

ભરૂચના વોર્ડ નં.11 માં પે & યુઝ શૌચાલય રીનોવેશન કર્યા બાદ ખુલ્લું મુકવામાં આવ્યું



ભરૂચ | ભરૂચ નગર સેવાસદન ગુજરાત મ્યુનિસિપલ કાર્પોર્એશન બોર્ડ નિર્મિત વોર્ડ નં 11 કોઠી વિસ્તારમાં આવેલા પે એન્ડ પુઝ શૌચાલયનું રીનોવેશન કરવા બંધ કરાયું હતું. જેની તમામ પ્રકારની કામગીરી પૂર્ણ થતા સોમવારના રોજ તેને સ્થાનિક લોકો માટે ખુલ્લું મુકાયું હતું. આ પ્રસંગે પાલિકા પ્રમુખ સુરભી તમાકુવાલાના હસ્તે શુભારંભ કરાયો હતો. આ પ્રસંગે સ્થાનિક પાલિકા સભ્ય રાજેશ ચૌહાણ, કારોબારી ચેરમેન નરેશ સુધારવાલા અને મુખ્ય અધિકારી સંજય સોની હાજર રહ્યાં હતાં.

તા.સમગ્ર કાર્યક્રમનું આયોજન કાઠીયાપાટલ શાંતિ સમાજ દ્વારા કરવામાં ચેરમેન ભુપિન કાઠીયા સહીત કારોબારી સભ્યો હાજર રહ્યા હતા.

રોટરેક્ટ ક્લબ ઓફ નર્મદા નગરી દ્વારા મહિલા સફાઈ કર્મીઓનું સન્માન કર્યું



ભરૂચ | ભરૂચમાં રોટરેક્ટ ક્લબ ઓફ નર્મદા નગરી અને નહેરૂ યુવા કેન્દ્રના સહયોગથી પ્રોજેક્ટ શક્તિ વંદના અંતર્ગત પાલિકામાં મહિલા સફાઈ કર્મચારીને સન્માનિત કરવામાં આવ્યા હતા. જ્યારે પાલિકા પ્રમુખ સુરભી તમાકુવાલા અને મહિલા સેનેટરી ઉન્સપેક્ટરને પણ સન્માનિત કરવામાં આવ્યા હતા. આ પ્રસંગે સેનેટરી ઉન્સપેક્ટરને તીર્થા મિસ્ત્રી, રોટરેક્ટ ચેરમેન દિવ્યજીતસિંહ ઝાલા, પ્રમુખ જૈમિન વ્યાસ, સચિવ નવીન નહારીયા, મેલસન સુતરીયા અને પૂર્વ પ્રમુખ પૂજા વિભાડીકે હાજર રહ્યાં હતા.

પાટ્ટેર સુધના (પર્વાવરણીય મંજુરી)
 આ સ્થળે જણાવવામાં આવે છે કે, કિમિસ્ટ્રી ઓફ એન્વાયરોમેન્ટ, કોલેજ ઓફ ઇન્જિનિયરિંગ યેન્જ (1A, III section) ઇન્સ્ટિટ્યુટ પર્વાવરણા ભવન, પોટ વાગ રોડ, નવી દિલ્હી-3 દ્વારા ભરૂચ એન્વાયરો ઇન્ફ્રાસ્ટ્રક્ચર ડિવિઝન, પ્લોટ નં. ૯૭૦૧-૧૬, ૯૬૦૧-૯૬૦૨, ૯૮૦૧-૯૮૨૮, ૯૯૦૧-૯૯૦૬, ૧૦૦૦૧-૧૦૦૦૩, ૩૭/૮, ૭૭૨૪-૭૭૨૭, ૯૪૦૧-૯૪૧૨, ૯૫૦૧-૯૫૦૩, ૭૯૦૫ થી ૯ થી એચ નજીકનું (adjoining) ડા.આઈ.ડી.સી. ઇન્ડસ્ટ્રીયલ એરેટ, અંકોનંબર-૩૭૩૦૦૨ (ગુજરાત) ખાતે કાલના ફેસ-IV લેન્ડફીલ સુવિધાનું વિસ્તૃતિકરણ કરવા માટેની પર્વાવરણીય મંજુરી ક્રમાં નં. F.N.O. 10-25/2019-IA-III તા. ૧૫-૧૦-૨૦ દ્વારા ઇ.આઈ.એ. નોટીફિકેશન તા. ૧૪ સપ્ટેમ્બર ૨૦૧૬ જોડવાઈ હેઠળ આપેલ છે. જે અમને તા. ૧૬-૧૦-૨૦૧૬ રોજ વેબસાઈટ દ્વારા મળેલ છે. કારીકરણ પગની નક્કલ ગુજરાત પોલ્યુશન કન્ટ્રોલ બોર્ડની વેબસાઈટ ઉપર ઉપલબ્ધ છે.
 બી.ડી.ટાલવાડી
 (ધીરૂ એકઝીક્યુટીવ ઓફીસર)
 તા. ૧૭-૧૦-૨૦૨૦

નાથન ડેવેલપર અને સબમીનિસ્ટ્રલ સેક્ટરોટોની કચેરી અંકલેશ્વર
 નાથન ડેવેલપર અને સબમીનિસ્ટ્રલ સેક્ટરોટોની કચેરી અંકલેશ્વર, પ્લોટ નં. ૯૭૦૧-૧૬, ૯૬૦૧-૯૬૦૨, ૯૮૦૧-૯૮૨૮, ૯૯૦૧-૯૯૦૬, ૧૦૦૦૧-૧૦૦૦૩, ૩૭/૮, ૭૭૨૪-૭૭૨૭, ૯૪૦૧-૯૪૧૨, ૯૫૦૧-૯૫૦૩, ૭૯૦૫ થી ૯ થી એચ નજીકનું (adjoining) ડા.આઈ.ડી.સી. ઇન્ડસ્ટ્રીયલ એરેટ, અંકોનંબર-૩૭૩૦૦૨ (ગુજરાત) ખાતે કાલના ફેસ-IV લેન્ડફીલ સુવિધાનું વિસ્તૃતિકરણ કરવા માટેની પર્વાવરણીય મંજુરી ક્રમાં નં. F.N.O. 10-25/2019-IA-III તા. ૧૫-૧૦-૨૦ દ્વારા ઇ.આઈ.એ. નોટીફિકેશન તા. ૧૪ સપ્ટેમ્બર ૨૦૧૬ જોડવાઈ હેઠળ આપેલ છે. જે અમને તા. ૧૬-૧૦-૨૦૧૬ રોજ વેબસાઈટ દ્વારા મળેલ છે. કારીકરણ પગની નક્કલ ગુજરાત પોલ્યુશન કન્ટ્રોલ બોર્ડની વેબસાઈટ ઉપર ઉપલબ્ધ છે.
 બી.ડી.ટાલવાડી
 (ધીરૂ એકઝીક્યુટીવ ઓફીસર)
 તા. ૧૭-૧૦-૨૦૨૦

Level crossing at Km. 69 to 76 from the
of the Act.

| SCHEDULE | |
|--------------|--|
| LOCALITY | Village: Era |
| Secured Land | Purpose |
| 10-35 | Construction of Railway Over Bridge in lieu of Level Crossing of LC. No. 124 C at Railway Km 24/4 - 6 of Era taluka Soodra Road KM. 69 to 76 for purpose of Private land acquisition |

Sd/-
(H. J. Rathod)
Under Secretary to Government, Revenue Department

PUBLIC NOTICE ENVIRONMENTAL CLEARANCE

Whereby informed that the Ministry of Environment Forest and Climate Change (IA, III Section), Indra Paryavaran Bhawan, Jorh Road, New Delhi-3, has accorded Environmental Clearance Proposed Expansion of secured landfill (Phase IV) Of graded Common Hazardous Waste Treatment, Storage and disposal facility of M/s. Bharuch Enviro Infrastructure Ltd. At No. 9701-16, 9601-9604, 9801-9828, 9901-9906, 10001-03, G-7&8, 7824-7927, 9401-9412, 8501-9506, 7905 E to adjoining, GIDC Ankleshwar-393002 (Gujarat) vide letter No. J-10-25/2019-IA-III dated 15/10/20 under the provision of Notification dated 14th September 2006, which we have typed on 16/10/20 through website.

Copies of Clearance letter are available on Our Website.
17/10/2020 B D Dahwad
(CHIEF EXECUTIVE OFFICER)

PUBLIC NOTICE

Signed VINODCHANDRA TRIKAMLAL PATEL Residence : 27, Bungalow, Opp. Surdhara Society, Dolphin Circle, At : Naroda, Vad. I give public notice that there is a Shed No. 218 in Makarpura, Vadodara and in that shed there is a Vipor Chemicals Pvt. Ltd. Aforesaid shed No. 218 and Vipor Chemical Pvt. and other family members has filed Civil suit Number : 10 in the Court of Principal Civil judge Vadodara. So that do not execute any agreement or Transitions or any transfer or any other act or any other evidence for that Vipor Chemicals Pvt. in shed No. 218 of G.I.D.C. in Makarpura Vadodara such all acts should be void by this public notice.

DT. 07/10/2020

HABIBKHAN R. PATHAN (ADVOCATE)

A-3, Jumma Masjid Building, Opp. Old Court Compound, Kapadwanj, 387620, Dist. Kheda. Mo. 9898704043

PUBLIC NOTICE

Whereas the owner and in possession of the schedule property and I have decided to make public notice for which I want to carry out investigation of the title deed of the said property are being taken of Advocate Shri Jaijiv Verma to investigate the title of the property. By this public notice I call upon that all persons having and claiming any estate, right, title or demand whatsoever in or in respect of the said property, whether by way of sale, lease, sub lease, charge, lien, tenancy, sub-tenancy, license, gift, inheritance, or encumbrance or otherwise howsoever, to make the same known in writing along with documentary evidence in original in that regard to the undersigned whose address is provided within 15 (Fifteen) days from the date of publication of this notice failing which, any such right shall be disregarded and shall be deemed to have been waived and/or abandoned and Title Certificate shall duly be issued by the undersigned. Thereafter the owner first mentioned shall carry out the sale procedure of the schedule property.

Schedule of the Property

1. All parcel of the Immovable Residential Property being Plot No 71 in Shri Kanj Co. Op. Society Ltd lying on G.S. No. 447 of Mejo Vadodara Kaaba in Registration District of District Vadodara.

| Plot No. | Assessing Sq/Metres | Name of The Owner |
|----------|--|--------------------|
| 71 | 864 sq per record of the Society/ 864.5 sq per previous Sale Deed No 8621 Dt. 10.12.2012 | Shaban Badal Kumar |

307, A Square, 82, Umi Society,
Productivity Road, Vadodara. -380011
M: 9825321122

J Verma

Taluka : Gondal, Dist. : Rajkot has been accorded environmental clearance for our proposed project from MoEF & CC vide letter no. F. No. : J-11011/27/2019-IA-II(I) Date of issue : 15/10/2020 from New Delhi and the copy of the clearance letter available with the GPCB and may also be seen at the website of MoEF & CC.

PUBLIC NOTICE

Project addition of 20 MW Turbine and Stand by Flare System within existing Carbon Black manufacturing facility of M/s Balkrishna Industries Limited, Bhuj (Kutch) has been accorded with Environmental Clearance vide File No. J-11011/162/2017-IA II (I) dated 15-10-2020 from Ministry of Environment, Forests and Climate Change, Government of India. The copies of the clearance letter are available with Gujarat Pollution Control Board and my also be seen at website of the Ministry of Environment, Forest and Climate Change and at <https://parivesh.nic.in>

For M/s Balkrishna Industries Limited

PUBLIC NOTICE

Environment clearance for the setting up of technical grade pesticides manufacturing unit at Plot No. 1249/1250, GIDC Sarigam, Vapi, Taluka Umbergaon, District. Valsad, Gujarat by M/s. Sandhya Organic Chemical Pvt. Ltd. (Unit-2).

This is to inform public that Ministry of Environment and Forest & Climate Change (IA Division), Government of India has accorded Environmental Clearance for setting up of technical grade pesticides manufacturing unit at Plot No. 1249/1250, GIDC Sarigam, Vapi, Taluka Umbergaon, District Valsad, Gujarat by M/s. Sandhya Organic Chemical Pvt. Ltd. (Unit-2). This Environment Clearance has given wide letter F.No. IA-J-11011/342/2019-IA-II(I) dated 15th October 2020 under EIA notification dated 14th September 2006. The photocopy of the stated Environment Clearance is available with Gujarat Pollution Control Board, Gandhinagar and same can also be seen at the Ministry of Environment and Forest & Climate Change at <http://envfor.nic.in>

Sd/- For

Sandhya Organic Chemical Pvt. Ltd. (Unit-2), Sarigam



LIFE INSURANCE CORPORATION OF INDIA

Vadodara Divisional Office, Estate Department, 2nd Floor, "Jeevan Prakash", Nr. Santa Police Chowky, Subhanpur, Vadodara - 390023.
Tel: 0265-2306761, e-mail : estate.vadodara@licindia.com

Tender Notice




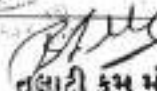
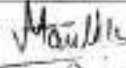
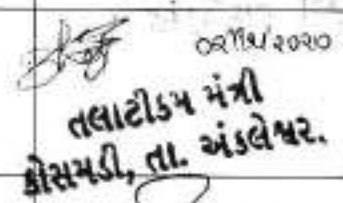

LIC of India, Vadodara Divisional Office, Vadodara invites sealed tenders in two Bid System from established Agencies/firms/organisations for rate contract for Security Guards services at various Offices/Premises under Vadodara Divisional Office. For complete details and tender documents please contact the Estate Department, 2nd floor at the above address from 21/10/2020 to 10/11/2020 between 10.45 am to 3.30 pm on week days excluding 2nd & 4th Saturday, Sunday and holidays or log on to www.licindia.in and click on "Tenders" and then click on the link "Tender for Security Guards Services at various Offices/Premises under Vadodara Divisional Office." Pre-Bid meeting will be held on 26/10/2020 at 15.30 hrs. at above address. Any further information such as correction/addition/deletion in terms and conditions regarding this tender will be published at our website only. These amendments shall be binding to all the vendors/ Bidders. LIC of India reserves the right to accept or reject any or all offers in full / part without assigning any reasons whatsoever.






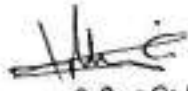
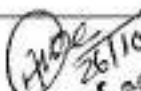
Last date for submitting bid documents is 16.00 hours on 10/11/2020.
Dt: 21-10-2020, Place : Vadodara Sr. Divisional Manager

CIN No.: U45300GJ1997PLC032696

Regd. Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Guj)
Phones (02846) 263138, 226228 • Fax : (02846) 222849 • E-mail : deln@bharuchbulletin.in

Environment Clearance of Proposed Expansion of Landfill (Phase IV) – BEIL Ankleshwar

| Sr. No. | Address | Sign |
|---------|--|--|
| 1 | Taluka Panchayat Office Ankleshwar |  28/2/20 |
| 2 | Jilla Panchayat Office, Bharuch |  26/11/2020 |
| 3 | Taluka Panchayat Office, Jhagadia | પ્રમુખ ૩/૧૧/૨૦૨૦ સ્વામીની કોરકુળ તાલુકા પંચાયત કચેરી, જગડીયા |
| 4 | The Sarpanch Gram Panchayat - Gadkhol |  કચેરી, ગામડાં કોમ્પ્યુ. ઓફિસ VEC ૨૬/૧૧/૨૦૨૦ શ્રી. જી. જી. જી. |
| 5 | The Sarpanch Gram Panchayat - Dadhal |  તલાટી કમ મંત્રી ગામ પંચાયત દડાલ તાલુકા. અંકલેશ્વર |
| 6 | The Sarpanch Gram Panchayat – Piraman, Piraman, Ankleshwar |  તલાટી કમ મંત્રી પીરામણ ગામ પંચાયત |
| 7 | The Sarpanch Gram Panchayat – Kosamdi |  02/11/2020 તલાટી કમ મંત્રી કોસમડી, તા. અંકલેશ્વર. |
| 8 | The Sarpanch Gram Panchayat – Kapodara |  21/11/20 |

| | | |
|----|---|--|
| 9 | The Sarpanch Gram Panchayat – Bhadkodara |  તલાલી કમ મંત્રી ગામ પંચાયત ભાદકોદરા તા. મહેસાણા, જિ. ભરૂચ ૨૬/૧૧/૨૦૨૨ |
| 10 | The Sarpanch Gram Panchayat – Andada |  તલાલી કમ મંત્રી ગામ પંચાયત અંદાડા તા. મહેસાણા, જિ. ભરૂચ |
| 11 | The Sarpanch Gram Panchayat – Jitlali |  તલાલી કમ મંત્રી ૩/૧૧/૨૦૨૨ ગામ પંચાયત જિતલી તા. મહેસાણા, જિ. ભરૂચ |
| 12 | The Sarpanch Gram Panchayat – Sarangpur |  તલાલી કમ મંત્રી સારંગપુર ગામ પંચાયત |
| 13 | Mr. Yogesh P. Pandya Safety Health and Environment Association |  ૨૨૨૨૨૨ |
| 14 | Mr. Jayesh Patel Centre For Environment science and community, | |
| 15 | Manish Rana, Paryavaran Mitra |  ૯૯૦૯૫૦૨૧૪૧ |
| 16 | Ankleshwar Nagar Palika |  ૨૬/૧૦ ૨૦૨૨ અંકલેશ્વર નગર પાલિકા સંલગ્ન |

| | | |
|----|---|--|
| 17 | Notified Area Office, Ankleshwar | <p>NOTIFIED AREA RECEIVED</p> <p>DI. 29/11/2020</p> |
| 18 | Notified Area Office, Panoli | <p>RECEIVED</p> <p>29/11/2020</p> <p>Office</p> |
| 19 | Notified Area Office, Jhagadia | <p>NOTIFIED AREA RECEIVED</p> <p>DI. 03/11/2020</p> |
| 20 | Collector District collector office, Bharuch | <p>26/10/2020</p> <p>FDDI ANKLESHWAR</p> |
| 21 | The principle, Footwear Design & Development Institute | <p>IN WARD</p> <p>SL. NO. 29/10/2020</p> <p>DATE: 29/10/2020</p> |
| 22 | The principle, P.S School, Jitali | <p>SIGNATURE: GK Thakur</p> <p>23.11.20</p> |
| 23 | The Principal Shree Gattu Vidyalaya, Ankleshwar | <p>PRINCIPAL SHREE GATTU VIDYALAYA G.I.D.C. ANKLESHWAR</p> |
| 24 | The Principle, Smt Puspavati Devidas Shroff Sanskardeep Vidhyalaya Ankleshwar | <p>PRINCIPAL SMT. PUSPAVATI DEVIDAS SHROFF SANSKARDEEP VIDYALAYA G.I.D.C. ANKLESHWAR</p> |

| | | |
|----|---|---|
| 25 | The Principle, Pioneer School, jitali | |
| 26 | The Principal Lions International Academy, Ankleshwar | 21/10/2020 |
| 27 | The Principal Lion School Ankleshwar | P. K. Meena 8980AT1296 |
| 28 | The Principle Chanderbala Modi Academy, Ankleshwar | for R. Meena Handwritten Note Kondh, Vaha Road Ankleshwar - 393 002 |
| 29 | The Principle, R.B.L.P.S School, Ankleshwar | |
| 30 | Dr. A. K. Patel Ankleshwar |  |
| 31 | Dr. Mahesh Mistry Ankleshwar | DR. M. M. MISTRY MBBS, C.M.C. BEIL INFRASTRUCTURE LTD. Site : Plot No.9701-9716, G.I.D.C. Estate, Ankleshwar -393 002, Dist. Bharuch. |
| 32 | Administration Office, ESIC Hospital | Ami 29/10/2020 |

| | | |
|----|----------------------------|---|
| 33 | Smt. Jayaben Modi Hospital | Dr. DARSHANA P. JOSHI MBBS, CIH, G-20216 INDUSTRIAL PHYSICIAN Smt. Jayaben Mody Hospital GIDC, Ankleshwar. |
|----|----------------------------|---|



Dakshin Gujarat Vij Company Limited

(A Government of Gujarat Undertaking) CIN U40102GJ2003SGC042909

Industrial Division, Ankleshwar

DGVCL Campus, Opp. ONGC Workshop, Ta. Ankleshwar-393001, Dist. Bharuch, Gujarat.
Phone No. 02646 245252,247950, Toll Free No.: 1800-233-3003, E-mail: eeank.dgvcl@gmail.com
Registered Office "Urja Sadan" Nana Varachha Road, Kapodara, Nr. Gajjar Petrol Pump, Surat-395005 (Gujarat)



Certificate

To Whomsoever It May Concern

M/S BEIL INFRASTRUCTURE LIMITED, at Plant Address: Plot No. G7&8 with Road No. 1&2, Road No. 1to4 & Ele. Lines G.S. & Area of Plot. 191510.33 Sq. MTR, Road No. South 14/A-16 MTR Between Plot No. 9901 to 9906 & 9815-9828, 7905/E-7905/H, 7924-7927, 9401-9412, 9501-9506, 9601-9604, 9701-9716, 9801-828, 9901-9906, 9923-9928, 10001-10003, Ta. Ankleshwar-393002, Dist. Bharuch, Gujarat. HT Connection having Consumer No. **39697**, Having Contract Demand **1500 KVA**, Power release on dated **03-11-2004** is high tension consumer of Dakshin Gujarat Vij Company Limited as per this office record.

**Executive Engineer
DGVCL, Ankleshwar**

(REF.: Consumer letter dated 19-07-2023)

To,

M/S BEIL INFRASTRUCTURE LIMITED,

Plot No. G7&8 with Road No. 1&2, Road No. 1to4 & Ele. Lines G.S.
& Area of Plot. 191510.33 Sq. MTR, Road No. South 14/A-16
MTR between Plot No. 9901 to 9906 & 9815-9828, 7905/E-7905/H,
7924-7927, 9401-9412, 9501-9506, 9601-9604, 9701-9716,
9801-828, 9901-9906, 9923-9928, 10001-10003,
Ta. Ankleshwar-393002, Dist. Bharuch, Gujarat.

Signature valid

Signed by: Hemang
Rameshchandra Modi
Executive Engineer
Date: 2023.10.17 18:03:26
+05:30

File No: DGVCLDANKI/Certificate/e-file/4441/2023/1197/Account

Approved By: Hemang Rameshchandra Modi(Executive Engineer,Tech

Open the document in Adobe Acrobat DC to verify the E-sign



Parameter Report
BEIL Infrastructure Limited

Annexure 27

Generated On 2023-12-22 09:43:54 **Generated By** bhavin.modi@beil.co.in
Period 2023-04-01 00:00:00 - 2023-09-30 09:38:00 **Station Type** CEMS
Stations SPD-STACK **Parameters** PM

| S.No. | Time | SPD-STACK PM (mg/m ³)(avg) |
|-------|-------------------------|--|
| 1 | 2023-04-01 00:00:00:000 | 23.91 |
| 2 | 2023-04-02 00:00:00:000 | 43.21 |
| 3 | 2023-04-03 00:00:00:000 | 9.96 |
| 4 | 2023-04-04 00:00:00:000 | 3.53 |
| 5 | 2023-04-05 00:00:00:000 | 3.64 |
| 6 | 2023-04-06 00:00:00:000 | 5.97 |
| 7 | 2023-04-07 00:00:00:000 | 17.73 |
| 8 | 2023-04-08 00:00:00:000 | 42.84 |
| 9 | 2023-04-09 00:00:00:000 | 39.8 |
| 10 | 2023-04-10 00:00:00:000 | 30.66 |
| 11 | 2023-04-11 00:00:00:000 | 22.99 |
| 12 | 2023-04-12 00:00:00:000 | 36.09 |
| 13 | 2023-04-13 00:00:00:000 | 27.01 |
| 14 | 2023-04-14 00:00:00:000 | 22.13 |
| 15 | 2023-04-15 00:00:00:000 | 20.78 |
| 16 | 2023-04-16 00:00:00:000 | 12.08 |
| 17 | 2023-04-17 00:00:00:000 | 15.34 |
| 18 | 2023-04-18 00:00:00:000 | 25.18 |
| 19 | 2023-04-19 00:00:00:000 | 38.66 |
| 20 | 2023-04-20 00:00:00:000 | 37.34 |
| 21 | 2023-04-21 00:00:00:000 | 39.13 |

| S.No. | Time | SPD-STACK PM (mg/m³)(avg) |
|-------|-------------------------|---------------------------|
| 22 | 2023-04-22 00:00:00:000 | 32.93 |
| 23 | 2023-04-23 00:00:00:000 | 28.78 |
| 24 | 2023-04-24 00:00:00:000 | 33.19 |
| 25 | 2023-04-25 00:00:00:000 | 20.97 |
| 26 | 2023-04-26 00:00:00:000 | 22.13 |
| 27 | 2023-04-27 00:00:00:000 | 18.71 |
| 28 | 2023-04-28 00:00:00:000 | 21.96 |
| 29 | 2023-04-29 00:00:00:000 | 29.99 |
| 30 | 2023-04-30 00:00:00:000 | 18.54 |
| 31 | 2023-05-01 00:00:00:000 | 19.23 |
| 32 | 2023-05-02 00:00:00:000 | 18.2 |
| 33 | 2023-05-03 00:00:00:000 | 16.86 |
| 34 | 2023-05-04 00:00:00:000 | 17.88 |
| 35 | 2023-05-05 00:00:00:000 | 30.38 |
| 36 | 2023-05-06 00:00:00:000 | 37.0 |
| 37 | 2023-05-07 00:00:00:000 | 38.13 |
| 38 | 2023-05-08 00:00:00:000 | 17.51 |
| 39 | 2023-05-09 00:00:00:000 | 23.75 |
| 40 | 2023-05-10 00:00:00:000 | 25.53 |
| 41 | 2023-05-11 00:00:00:000 | 21.95 |
| 42 | 2023-05-12 00:00:00:000 | 21.15 |
| 43 | 2023-05-13 00:00:00:000 | 21.11 |
| 44 | 2023-05-14 00:00:00:000 | 21.3 |
| 45 | 2023-05-15 00:00:00:000 | 24.48 |
| 46 | 2023-05-16 00:00:00:000 | 31.22 |
| 47 | 2023-05-17 00:00:00:000 | 33.21 |
| 48 | 2023-05-18 00:00:00:000 | 31.61 |

| S.No. | Time | SPD-STACK PM (mg/m³)(avg) |
|-------|-------------------------|---------------------------|
| 49 | 2023-05-19 00:00:00:000 | 31.07 |
| 50 | 2023-05-20 00:00:00:000 | 31.46 |
| 51 | 2023-05-21 00:00:00:000 | 31.57 |
| 52 | 2023-05-22 00:00:00:000 | 31.48 |
| 53 | 2023-05-23 00:00:00:000 | 26.77 |
| 54 | 2023-05-24 00:00:00:000 | 28.17 |
| 55 | 2023-05-25 00:00:00:000 | 20.69 |
| 56 | 2023-05-26 00:00:00:000 | 8.15 |
| 57 | 2023-05-27 00:00:00:000 | 12.8 |
| 58 | 2023-05-28 00:00:00:000 | 13.5 |
| 59 | 2023-05-29 00:00:00:000 | 12.87 |
| 60 | 2023-05-30 00:00:00:000 | 17.39 |
| 61 | 2023-05-31 00:00:00:000 | 17.13 |
| 62 | 2023-06-01 00:00:00:000 | 17.44 |
| 63 | 2023-06-02 00:00:00:000 | 17.59 |
| 64 | 2023-06-03 00:00:00:000 | 20.87 |
| 65 | 2023-06-04 00:00:00:000 | 3.14 |
| 66 | 2023-06-05 00:00:00:000 | 1.9 |
| 67 | 2023-06-06 00:00:00:000 | 2.31 |
| 68 | 2023-06-07 00:00:00:000 | 3.3 |
| 69 | 2023-06-08 00:00:00:000 | 11.85 |
| 70 | 2023-06-09 00:00:00:000 | 16.58 |
| 71 | 2023-06-10 00:00:00:000 | 14.78 |
| 72 | 2023-06-11 00:00:00:000 | 20.65 |
| 73 | 2023-06-12 00:00:00:000 | 28.36 |
| 74 | 2023-06-13 00:00:00:000 | 28.93 |
| 75 | 2023-06-14 00:00:00:000 | 28.79 |

| S.No. | Time | SPD-STACK PM (mg/m³)(avg) |
|-------|-------------------------|---------------------------|
| 76 | 2023-06-15 00:00:00:000 | 28.36 |
| 77 | 2023-06-16 00:00:00:000 | 16.66 |
| 78 | 2023-06-17 00:00:00:000 | 16.11 |
| 79 | 2023-06-18 00:00:00:000 | 29.07 |
| 80 | 2023-06-19 00:00:00:000 | 32.83 |
| 81 | 2023-06-20 00:00:00:000 | 32.08 |
| 82 | 2023-06-21 00:00:00:000 | 21.03 |
| 83 | 2023-06-22 00:00:00:000 | 27.79 |
| 84 | 2023-06-23 00:00:00:000 | 18.0 |
| 85 | 2023-06-24 00:00:00:000 | 27.4 |
| 86 | 2023-06-25 00:00:00:000 | 32.27 |
| 87 | 2023-06-26 00:00:00:000 | 24.52 |
| 88 | 2023-06-27 00:00:00:000 | 16.42 |
| 89 | 2023-06-28 00:00:00:000 | 15.56 |
| 90 | 2023-06-29 00:00:00:000 | 20.41 |
| 91 | 2023-06-30 00:00:00:000 | 31.13 |
| 92 | 2023-07-01 00:00:00:000 | 36.46 |
| 93 | 2023-07-02 00:00:00:000 | 36.64 |
| 94 | 2023-07-03 00:00:00:000 | 25.19 |
| 95 | 2023-07-04 00:00:00:000 | 21.63 |
| 96 | 2023-07-05 00:00:00:000 | 20.71 |
| 97 | 2023-07-06 00:00:00:000 | 16.42 |
| 98 | 2023-07-07 00:00:00:000 | 26.61 |
| 99 | 2023-07-08 00:00:00:000 | 26.84 |
| 100 | 2023-07-09 00:00:00:000 | 14.32 |
| 101 | 2023-07-10 00:00:00:000 | 16.95 |
| 102 | 2023-07-11 00:00:00:000 | 22.32 |

| S.No. | Time | SPD-STACK PM (mg/m³)(avg) |
|-------|-------------------------|---------------------------|
| 103 | 2023-07-12 00:00:00:000 | 22.17 |
| 104 | 2023-07-13 00:00:00:000 | 21.5 |
| 105 | 2023-07-14 00:00:00:000 | 21.13 |
| 106 | 2023-07-15 00:00:00:000 | 26.31 |
| 107 | 2023-07-16 00:00:00:000 | 30.7 |
| 108 | 2023-07-17 00:00:00:000 | 26.2 |
| 109 | 2023-07-18 00:00:00:000 | 30.42 |
| 110 | 2023-07-19 00:00:00:000 | 29.4 |
| 111 | 2023-07-20 00:00:00:000 | 26.02 |
| 112 | 2023-07-21 00:00:00:000 | 20.24 |
| 113 | 2023-07-22 00:00:00:000 | 20.85 |
| 114 | 2023-07-23 00:00:00:000 | 26.49 |
| 115 | 2023-07-24 00:00:00:000 | 28.92 |
| 116 | 2023-07-25 00:00:00:000 | 33.61 |
| 117 | 2023-07-26 00:00:00:000 | 29.39 |
| 118 | 2023-07-27 00:00:00:000 | 22.34 |
| 119 | 2023-07-28 00:00:00:000 | 21.4 |
| 120 | 2023-07-29 00:00:00:000 | 8.87 |
| 121 | 2023-07-30 00:00:00:000 | 37.53 |
| 122 | 2023-07-31 00:00:00:000 | 8.0 |
| 123 | 2023-08-01 00:00:00:000 | 22.47 |
| 124 | 2023-08-02 00:00:00:000 | 31.52 |
| 125 | 2023-08-03 00:00:00:000 | 25.73 |
| 126 | 2023-08-04 00:00:00:000 | 23.29 |
| 127 | 2023-08-05 00:00:00:000 | 13.26 |
| 128 | 2023-08-06 00:00:00:000 | 12.83 |
| 129 | 2023-08-07 00:00:00:000 | 45.44 |

| S.No. | Time | SPD-STACK PM (mg/m³)(avg) |
|-------|-------------------------|---------------------------|
| 130 | 2023-08-08 00:00:00:000 | 26.72 |
| 131 | 2023-08-09 00:00:00:000 | 43.45 |
| 132 | 2023-08-10 00:00:00:000 | 45.32 |
| 133 | 2023-08-11 00:00:00:000 | 35.72 |
| 134 | 2023-08-12 00:00:00:000 | 30.35 |
| 135 | 2023-08-13 00:00:00:000 | 27.49 |
| 136 | 2023-08-14 00:00:00:000 | 17.48 |
| 137 | 2023-08-15 00:00:00:000 | 25.39 |
| 138 | 2023-08-16 00:00:00:000 | 21.28 |
| 139 | 2023-08-17 00:00:00:000 | 11.5 |
| 140 | 2023-08-18 00:00:00:000 | 13.02 |
| 141 | 2023-08-19 00:00:00:000 | 15.01 |
| 142 | 2023-08-20 00:00:00:000 | 11.95 |
| 143 | 2023-08-21 00:00:00:000 | 12.41 |
| 144 | 2023-08-22 00:00:00:000 | 30.4 |
| 145 | 2023-08-23 00:00:00:000 | 24.15 |
| 146 | 2023-08-24 00:00:00:000 | 33.53 |
| 147 | 2023-08-25 00:00:00:000 | 26.02 |
| 148 | 2023-08-26 00:00:00:000 | 17.43 |
| 149 | 2023-08-27 00:00:00:000 | 7.99 |
| 150 | 2023-08-28 00:00:00:000 | 12.42 |
| 151 | 2023-08-29 00:00:00:000 | 21.8 |
| 152 | 2023-08-30 00:00:00:000 | 21.8 |
| 153 | 2023-08-31 00:00:00:000 | 22.76 |
| 154 | 2023-09-01 00:00:00:000 | 20.12 |
| 155 | 2023-09-02 00:00:00:000 | 22.81 |
| 156 | 2023-09-03 00:00:00:000 | 19.61 |

| S.No. | Time | SPD-STACK PM (mg/m³)(avg) |
|-------|-------------------------|---------------------------|
| 157 | 2023-09-04 00:00:00:000 | 17.6 |
| 158 | 2023-09-05 00:00:00:000 | 17.15 |
| 159 | 2023-09-06 00:00:00:000 | 24.86 |
| 160 | 2023-09-07 00:00:00:000 | 44.1 |
| 161 | 2023-09-08 00:00:00:000 | 33.52 |
| 162 | 2023-09-09 00:00:00:000 | 19.44 |
| 163 | 2023-09-10 00:00:00:000 | 24.95 |
| 164 | 2023-09-11 00:00:00:000 | 35.45 |
| 165 | 2023-09-12 00:00:00:000 | 22.55 |
| 166 | 2023-09-13 00:00:00:000 | 28.21 |
| 167 | 2023-09-14 00:00:00:000 | 36.02 |
| 168 | 2023-09-15 00:00:00:000 | 22.86 |
| 169 | 2023-09-16 00:00:00:000 | 28.43 |
| 170 | 2023-09-17 00:00:00:000 | 29.27 |
| 171 | 2023-09-18 00:00:00:000 | 20.86 |
| 172 | 2023-09-19 00:00:00:000 | 14.59 |
| 173 | 2023-09-20 00:00:00:000 | 29.83 |
| 174 | 2023-09-21 00:00:00:000 | 24.11 |
| 175 | 2023-09-22 00:00:00:000 | 27.1 |
| 176 | 2023-09-23 00:00:00:000 | 28.88 |
| 177 | 2023-09-24 00:00:00:000 | 32.99 |
| 178 | 2023-09-25 00:00:00:000 | 30.42 |
| 179 | 2023-09-26 00:00:00:000 | 28.4 |
| 180 | 2023-09-27 00:00:00:000 | 27.14 |
| 181 | 2023-09-28 00:00:00:000 | 29.9 |
| 182 | 2023-09-29 00:00:00:000 | 30.7 |
| 183 | 2023-09-30 00:00:00:000 | 21.43 |

Parameter Report
BEIL Infrastructure Limited

Annexure 28

| | | | |
|---------------------|---|---------------------|--------------------------|
| Generated On | 2023-12-22 09:57:53 | Generated By | bhavin.modi@beil.co.in |
| Period | 2023-04-01 00:00:00 - 2023-09-30 09:38:00 | Station Type | CEMS |
| Stations | INC-2,INC-1 | Parameters | HCL,NOX,SO2,TOC,CO,PM,HF |

| S.No. | Time | INC-1 CO (mg/nm ³) (avg) | INC-1 HCL (mg/nm ³) (avg) | INC-1 HF (mg/nm ³) (avg) | INC-1 NOX (mg/nm ³) (avg) | INC-1 PM (mg/nm ³) (avg) | INC-1 SO2 (mg/nm ³) (avg) | INC-1 TOC (mg/nm ³) (avg) | INC-2 CO (mg/nm ³) (avg) | INC-2 HCL (mg/nm ³) (avg) | INC-2 HF (mg/nm ³) (avg) | INC-2 NOX (mg/nm ³) (avg) | INC-2 PM (mg/nm ³) (avg) | INC-2 SO2 (mg/nm ³) (avg) | INC-2 TOC (mg/nm ³) (avg) |
|-------|-------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|
| 1 | 2023-04-01 00:00:00:000 | 5.96 | 0.0 | 0.0 | 1.32 | 96.47 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.86 | 29.49 | 0.0 | 0.0 |
| 2 | 2023-04-02 00:00:00:000 | 9.34 | 0.0 | 0.0 | 0.33 | 259.28 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.67 | 29.3 | 0.0 | 0.0 |
| 3 | 2023-04-03 00:00:00:000 | 16.42 | 0.0 | 0.0 | 0.94 | 66.55 | 0.0 | 0.07 | 0.0 | 0.0 | 0.0 | 0.41 | 13.57 | 0.0 | 0.0 |
| 4 | 2023-04-04 00:00:00:000 | 14.06 | 0.0 | 0.0 | 2.04 | 29.85 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.28 | 1.49 | 0.0 | 0.0 |
| 5 | 2023-04-05 00:00:00:000 | 13.64 | 0.0 | 0.0 | 1.99 | 30.71 | 0.0 | 0.0 | 0.04 | 0.0 | 0.0 | 0.11 | 5.02 | 0.0 | 0.0 |
| 6 | 2023-04-06 00:00:00:000 | 17.5 | 0.0 | 0.0 | 2.64 | 30.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.02 | 5.4 | 0.0 | 0.0 |
| 7 | 2023-04-07 00:00:00:000 | 21.98 | 0.0 | 0.0 | 1.55 | 30.17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 5.82 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm³) (avg) | INC-1 HCL (mg/nm³) (avg) | INC-1 HF (mg/nm³) (avg) | INC-1 NOX (mg/nm³) (avg) | INC-1 PM (mg/nm³) (avg) | INC-1 SO2 (mg/nm³) (avg) | INC-1 TOC (mg/nm³) (avg) | INC-2 CO (mg/nm³) (avg) | INC-2 HCL (mg/nm³) (avg) | INC-2 HF (mg/nm³) (avg) | INC-2 NOX (mg/nm³) (avg) | INC-2 PM (mg/nm³) (avg) | INC-2 SO2 (mg/nm³) (avg) | INC-2 TOC (mg/nm³) (avg) |
|-------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|
| 8 | 2023-04-08 00:00:00:000 | 30.52 | 0.0 | 0.0 | 1.11 | 30.62 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.02 | 6.48 | 0.0 | 0.0 |
| 9 | 2023-04-09 00:00:00:000 | 28.54 | 0.0 | 0.0 | 0.0 | 30.64 | 0.0 | 0.01 | 0.0 | 0.0 | 0.0 | 0.43 | 6.67 | 0.0 | 0.0 |
| 10 | 2023-04-10 00:00:00:000 | 29.9 | 0.0 | 0.0 | 0.01 | 30.37 | 0.0 | 0.01 | 0.0 | 0.0 | 0.0 | 0.05 | 6.8 | 0.0 | 0.0 |
| 11 | 2023-04-11 00:00:00:000 | 33.11 | 0.0 | 0.0 | 0.0 | 30.88 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.09 | 6.69 | 0.0 | 0.0 |
| 12 | 2023-04-12 00:00:00:000 | 37.49 | 0.0 | 0.0 | 0.0 | 29.98 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.18 | 6.95 | 0.0 | 0.0 |
| 13 | 2023-04-13 00:00:00:000 | 41.72 | 0.0 | 0.0 | 0.01 | 29.84 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.06 | 6.87 | 0.0 | 0.0 |
| 14 | 2023-04-14 00:00:00:000 | 46.39 | 0.0 | 0.0 | 0.0 | 30.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.02 | 7.03 | 0.0 | 0.0 |
| 15 | 2023-04-15 00:00:00:000 | 51.03 | 0.0 | 0.0 | 0.0 | 30.47 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.08 | 7.06 | 0.0 | 0.0 |
| 16 | 2023-04-16 00:00:00:000 | 54.64 | 0.0 | 0.0 | 0.03 | 30.56 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.13 | 7.94 | 0.0 | 0.0 |
| 17 | 2023- | 60.45 | 0.0 | 0.0 | 0.01 | 12.32 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.06 | 7.48 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm³) (avg) | INC-1 HCL (mg/nm³) (avg) | INC-1 HF (mg/nm³) (avg) | INC-1 NOX (mg/nm³) (avg) | INC-1 PM (mg/nm³) (avg) | INC-1 SO2 (mg/nm³) (avg) | INC-1 TOC (mg/nm³) (avg) | INC-2 CO (mg/nm³) (avg) | INC-2 HCL (mg/nm³) (avg) | INC-2 HF (mg/nm³) (avg) | INC-2 NOX (mg/nm³) (avg) | INC-2 PM (mg/nm³) (avg) | INC-2 SO2 (mg/nm³) (avg) | INC-2 TOC (mg/nm³) (avg) |
|-------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|
| | 04-17 00:00:00-000 | | | | | | | | | | | | | | |
| 18 | 2023-04-18 00:00:00-000 | 65.8 | 0.0 | 0.0 | 0.01 | 16.85 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.09 | 7.55 | 0.0 | 0.0 |
| 19 | 2023-04-19 00:00:00-000 | 38.62 | 0.0 | 0.0 | 2.42 | 12.31 | 17.81 | 0.0 | 0.71 | 0.0 | 0.0 | 0.3 | 7.5 | 2.38 | 0.0 |
| 20 | 2023-04-20 00:00:00-000 | 0.0 | 0.0 | 0.0 | 0.36 | 19.26 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.11 | 6.69 | 0.0 | 0.0 |
| 21 | 2023-04-21 00:00:00-000 | 0.0 | 0.0 | 0.0 | 0.18 | 29.83 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.11 | 6.43 | 0.0 | 0.0 |
| 22 | 2023-04-22 00:00:00-000 | 0.0 | 0.0 | 0.0 | 0.28 | 30.38 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 6.72 | 0.0 | 0.0 |
| 23 | 2023-04-23 00:00:00-000 | 0.0 | 0.0 | 0.0 | 0.22 | 30.36 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.31 | 6.28 | 0.0 | 0.0 |
| 24 | 2023-04-24 00:00:00-000 | 0.0 | 0.0 | 0.0 | 0.14 | 29.8 | 0.0 | 0.01 | 0.0 | 0.0 | 0.0 | 0.13 | 6.57 | 0.0 | 0.0 |
| 25 | 2023-04-25 00:00:00-000 | 0.0 | 0.0 | 0.0 | 0.23 | 30.26 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.09 | 6.84 | 0.0 | 0.0 |
| 26 | 2023-04-26 | 0.0 | 0.0 | 0.0 | 0.36 | 30.2 | 0.0 | 0.01 | 0.0 | 0.0 | 0.0 | 0.06 | 6.1 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm³) (avg) | INC-1 HCL (mg/nm³) (avg) | INC-1 HF (mg/nm³) (avg) | INC-1 NOX (mg/nm³) (avg) | INC-1 PM (mg/nm³) (avg) | INC-1 SO2 (mg/nm³) (avg) | INC-1 TOC (mg/nm³) (avg) | INC-2 CO (mg/nm³) (avg) | INC-2 HCL (mg/nm³) (avg) | INC-2 HF (mg/nm³) (avg) | INC-2 NOX (mg/nm³) (avg) | INC-2 PM (mg/nm³) (avg) | INC-2 SO2 (mg/nm³) (avg) | INC-2 TOC (mg/nm³) (avg) |
|-------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|
| | 00:00:00:000 | | | | | | | | | | | | | | |
| 27 | 2023-04-27 00:00:00:000 | 3.01 | 0.0 | 0.0 | 0.42 | 29.91 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.06 | 5.33 | 0.0 | 0.0 |
| 28 | 2023-04-28 00:00:00:000 | 5.7 | 0.0 | 0.0 | 0.39 | 30.29 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.16 | 5.66 | 0.0 | 0.0 |
| 29 | 2023-04-29 00:00:00:000 | 26.66 | 0.0 | 0.0 | 0.23 | 30.76 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.13 | 5.83 | 0.0 | 0.0 |
| 30 | 2023-04-30 00:00:00:000 | 35.2 | 0.0 | 0.0 | 0.24 | 30.49 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.04 | 6.57 | 0.0 | 0.0 |
| 31 | 2023-05-01 00:00:00:000 | 40.41 | 0.0 | 0.0 | 0.2 | 30.76 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.03 | 6.49 | 0.0 | 0.0 |
| 32 | 2023-05-02 00:00:00:000 | 52.87 | 0.0 | 0.0 | 0.23 | 30.09 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.04 | 6.24 | 0.0 | 0.0 |
| 33 | 2023-05-03 00:00:00:000 | 39.78 | 0.23 | 0.0 | 0.08 | 13.09 | 0.0 | 0.27 | 0.0 | 4.27 | 0.0 | 0.05 | 6.6 | 0.0 | 0.0 |
| 34 | 2023-05-04 00:00:00:000 | 0.62 | 0.0 | 0.0 | 0.03 | 9.07 | 0.0 | 0.0 | 0.0 | 17.23 | 0.0 | 0.34 | 6.79 | 0.0 | 0.0 |
| 35 | 2023-05-05 00:00:00:000 | 7.06 | 0.25 | 0.33 | 0.01 | 30.3 | 0.0 | 19.71 | 0.0 | 4.93 | 0.0 | 0.36 | 6.33 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm³) (avg) | INC-1 HCL (mg/nm³) (avg) | INC-1 HF (mg/nm³) (avg) | INC-1 NOX (mg/nm³) (avg) | INC-1 PM (mg/nm³) (avg) | INC-1 SO2 (mg/nm³) (avg) | INC-1 TOC (mg/nm³) (avg) | INC-2 CO (mg/nm³) (avg) | INC-2 HCL (mg/nm³) (avg) | INC-2 HF (mg/nm³) (avg) | INC-2 NOX (mg/nm³) (avg) | INC-2 PM (mg/nm³) (avg) | INC-2 SO2 (mg/nm³) (avg) | INC-2 TOC (mg/nm³) (avg) |
|-------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|
| | 00:000 | | | | | | | | | | | | | | |
| 36 | 2023-05-06 00:00:00:000 | 23.06 | 4.47 | 2.05 | 0.0 | 30.01 | 0.0 | 23.09 | 0.01 | 2.51 | 0.0 | 0.05 | 6.38 | 0.0 | 0.0 |
| 37 | 2023-05-07 00:00:00:000 | 36.48 | 14.08 | 0.27 | 0.0 | 30.43 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.18 | 6.49 | 0.0 | 0.0 |
| 38 | 2023-05-08 00:00:00:000 | 22.29 | 12.55 | 0.19 | 0.0 | 29.85 | 0.0 | 32.02 | 0.0 | 6.66 | 0.0 | 0.18 | 5.94 | 0.0 | 0.0 |
| 39 | 2023-05-09 00:00:00:000 | 7.94 | 2.25 | 0.38 | 0.0 | 29.87 | 0.0 | 46.78 | 0.0 | 2.82 | 0.0 | 0.59 | 5.59 | 0.0 | 0.0 |
| 40 | 2023-05-10 00:00:00:000 | 16.03 | 9.12 | 0.48 | 0.0 | 30.02 | 0.0 | 49.44 | 0.01 | 1.62 | 0.0 | 0.63 | 5.75 | 0.0 | 0.0 |
| 41 | 2023-05-11 00:00:00:000 | 29.24 | 6.97 | 0.62 | 0.0 | 30.07 | 0.0 | 27.17 | 0.02 | 0.1 | 0.0 | 0.15 | 5.52 | 0.0 | 0.0 |
| 42 | 2023-05-12 00:00:00:000 | 41.35 | 0.6 | 0.26 | 0.0 | 30.08 | 0.0 | 2.26 | 0.03 | 1.57 | 0.0 | 0.1 | 5.9 | 0.0 | 0.0 |
| 43 | 2023-05-13 00:00:00:000 | 37.01 | 5.91 | 0.33 | 0.01 | 30.51 | 0.0 | 4.77 | 0.0 | 2.76 | 0.0 | 0.09 | 5.81 | 0.0 | 0.0 |
| 44 | 2023-05-14 00:00:00:000 | 15.69 | 3.71 | 0.38 | 0.01 | 30.7 | 0.0 | 6.8 | 0.0 | 0.49 | 0.0 | 0.67 | 5.27 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm³) (avg) | INC-1 HCL (mg/nm³) (avg) | INC-1 HF (mg/nm³) (avg) | INC-1 NOX (mg/nm³) (avg) | INC-1 PM (mg/nm³) (avg) | INC-1 SO2 (mg/nm³) (avg) | INC-1 TOC (mg/nm³) (avg) | INC-2 CO (mg/nm³) (avg) | INC-2 HCL (mg/nm³) (avg) | INC-2 HF (mg/nm³) (avg) | INC-2 NOX (mg/nm³) (avg) | INC-2 PM (mg/nm³) (avg) | INC-2 SO2 (mg/nm³) (avg) | INC-2 TOC (mg/nm³) (avg) |
|-------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|
| 45 | 2023-05-15 00:00:00:000 | 37.27 | 3.01 | 0.37 | 0.0 | 30.49 | 0.0 | 6.83 | 0.0 | 0.28 | 0.0 | 0.71 | 5.43 | 0.0 | 0.0 |
| 46 | 2023-05-16 00:00:00:000 | 54.79 | 4.61 | 0.03 | 0.0 | 29.97 | 0.0 | 4.92 | 0.0 | 0.21 | 0.0 | 0.44 | 5.03 | 0.0 | 0.0 |
| 47 | 2023-05-17 00:00:00:000 | 72.89 | 9.1 | 0.02 | 0.02 | 29.72 | 0.0 | 1.76 | 0.0 | 0.85 | 0.0 | 0.25 | 5.3 | 0.0 | 0.0 |
| 48 | 2023-05-18 00:00:00:000 | 91.47 | 18.05 | 0.32 | 0.0 | 30.37 | 0.0 | 4.63 | 0.0 | 1.43 | 0.0 | 0.11 | 5.04 | 0.0 | 0.0 |
| 49 | 2023-05-19 00:00:00:000 | 74.19 | 15.06 | 0.1 | 0.02 | 16.88 | 0.0 | 6.67 | 0.03 | 2.26 | 0.0 | 0.19 | 16.87 | 0.0 | 0.0 |
| 50 | 2023-05-20 00:00:00:000 | 46.3 | 13.49 | 0.14 | 0.0 | 1.0 | 0.0 | 6.29 | 0.04 | 2.18 | 0.0 | 0.24 | 29.4 | 0.0 | 0.0 |
| 51 | 2023-05-21 00:00:00:000 | 58.2 | 11.34 | 0.22 | 0.0 | 1.0 | 0.0 | 3.21 | 0.12 | 2.17 | 0.0 | 0.21 | 28.99 | 0.0 | 0.0 |
| 52 | 2023-05-22 00:00:00:000 | 38.3 | 3.04 | 0.0 | 0.0 | 1.0 | 0.0 | 4.68 | 0.11 | 2.26 | 0.0 | 0.24 | 29.42 | 0.0 | 8.24 |
| 53 | 2023-05-23 00:00:00:000 | 3.08 | 0.0 | 0.0 | 0.0 | 2.06 | 0.0 | 7.0 | 0.23 | 10.02 | 0.0 | 0.11 | 28.37 | 0.0 | 18.74 |
| 54 | 2023- | 1.84 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 7.0 | 0.03 | 27.92 | 0.0 | 0.04 | 29.56 | 0.0 | 16.45 |

| S.No. | Time | INC-1 CO (mg/nm ³) (avg) | INC-1 HCL (mg/nm ³) (avg) | INC-1 HF (mg/nm ³) (avg) | INC-1 NOX (mg/nm ³) (avg) | INC-1 PM (mg/nm ³) (avg) | INC-1 SO2 (mg/nm ³) (avg) | INC-1 TOC (mg/nm ³) (avg) | INC-2 CO (mg/nm ³) (avg) | INC-2 HCL (mg/nm ³) (avg) | INC-2 HF (mg/nm ³) (avg) | INC-2 NOX (mg/nm ³) (avg) | INC-2 PM (mg/nm ³) (avg) | INC-2 SO2 (mg/nm ³) (avg) | INC-2 TOC (mg/nm ³) (avg) |
|-------|----------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|
| | 05-24 00:00:00:000 | | | | | | | | | | | | | | |
| 55 | 2023-05-25 00:00:00:000 | 10.31 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 7.0 | 0.03 | 26.23 | 0.0 | 0.05 | 29.07 | 0.0 | 7.34 |
| 56 | 2023-05-26 00:00:00:000 | 0.38 | 0.0 | 0.01 | 0.0 | 1.0 | 0.0 | 7.0 | 0.13 | 26.75 | 0.0 | 0.58 | 29.46 | 0.0 | 0.0 |
| 57 | 2023-05-27 00:00:00:000 | 1.67 | 0.15 | 0.0 | 0.06 | 1.0 | 0.0 | 7.0 | 0.03 | 39.3 | 0.0 | 1.56 | 29.05 | 0.0 | 0.0 |
| 58 | 2023-05-28 00:00:00:000 | 9.6 | 0.0 | 0.04 | 0.01 | 1.0 | 0.0 | 7.0 | 0.16 | 38.1 | 0.0 | 0.06 | 28.87 | 0.0 | 0.0 |
| 59 | 2023-05-29 00:00:00:000 | 8.79 | 2.24 | 0.0 | 0.0 | 1.0 | 0.0 | 7.0 | 0.2 | 8.03 | 0.0 | 0.46 | 29.31 | 0.0 | 0.0 |
| 60 | 2023-05-30 00:00:00:000 | 5.23 | 0.0 | 0.0 | 0.06 | 1.0 | 0.0 | 7.0 | 0.14 | 6.38 | 0.0 | 0.4 | 29.19 | 0.0 | 0.0 |
| 61 | 2023-05-31 00:00:00:000 | 7.77 | 0.0 | 0.0 | 0.03 | 1.0 | 0.0 | 7.0 | 0.07 | 6.06 | 0.0 | 1.16 | 29.17 | 0.0 | 0.0 |
| 62 | 2023-06-01 00:00:00:000 | 5.29 | 0.0 | 0.0 | 0.0 | 0.97 | 0.0 | 7.0 | 0.07 | 6.11 | 0.0 | 2.17 | 29.74 | 0.0 | 0.0 |
| 63 | 2023-06-02 | 10.31 | 0.0 | 0.0 | 0.0 | 0.97 | 0.0 | 7.0 | 0.11 | 6.34 | 0.0 | 2.6 | 29.56 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm³) (avg) | INC-1 HCL (mg/nm³) (avg) | INC-1 HF (mg/nm³) (avg) | INC-1 NOX (mg/nm³) (avg) | INC-1 PM (mg/nm³) (avg) | INC-1 SO2 (mg/nm³) (avg) | INC-1 TOC (mg/nm³) (avg) | INC-2 CO (mg/nm³) (avg) | INC-2 HCL (mg/nm³) (avg) | INC-2 HF (mg/nm³) (avg) | INC-2 NOX (mg/nm³) (avg) | INC-2 PM (mg/nm³) (avg) | INC-2 SO2 (mg/nm³) (avg) | INC-2 TOC (mg/nm³) (avg) |
|-------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|
| | 00:00:00:000 | | | | | | | | | | | | | | |
| 64 | 2023-06-03 00:00:00:000 | 7.66 | 0.0 | 0.16 | 0.0 | 0.9 | 0.0 | 7.0 | 0.04 | 6.69 | 0.0 | 2.69 | 29.08 | 0.0 | 0.0 |
| 65 | 2023-06-04 00:00:00:000 | 3.32 | 2.68 | 0.09 | 0.0 | 0.86 | 0.0 | 7.0 | 0.03 | 4.1 | 0.0 | 3.3 | 28.85 | 0.0 | 0.0 |
| 66 | 2023-06-05 00:00:00:000 | 3.45 | 0.0 | 0.0 | 0.0 | 0.82 | 0.0 | 7.0 | 0.0 | 4.19 | 0.0 | 3.79 | 29.38 | 0.0 | 0.0 |
| 67 | 2023-06-06 00:00:00:000 | 4.22 | 1.63 | 0.21 | 0.0 | 0.82 | 0.0 | 7.0 | 0.07 | 5.03 | 0.0 | 4.49 | 29.64 | 0.0 | 0.0 |
| 68 | 2023-06-07 00:00:00:000 | 7.18 | 0.94 | 0.24 | 0.0 | 0.77 | 0.0 | 7.0 | 0.0 | 5.07 | 0.0 | 5.15 | 29.28 | 0.0 | 0.0 |
| 69 | 2023-06-08 00:00:00:000 | 9.6 | 1.02 | 0.24 | 0.0 | 20.74 | 0.0 | 4.27 | 0.12 | 2.99 | 0.0 | 3.58 | 13.37 | 0.0 | 0.0 |
| 70 | 2023-06-09 00:00:00:000 | 6.32 | 3.0 | 0.28 | 0.0 | 30.22 | 0.0 | 4.0 | 0.49 | 1.26 | 0.0 | 0.82 | 6.27 | 0.0 | 0.0 |
| 71 | 2023-06-10 00:00:00:000 | 12.13 | 0.0 | 0.4 | 0.0 | 30.32 | 0.0 | 4.0 | 0.85 | 0.67 | 0.0 | 0.19 | 1.01 | 0.0 | 0.0 |
| 72 | 2023-06-11 00:00:00:000 | 17.89 | 1.01 | 0.54 | 0.0 | 30.04 | 0.0 | 4.0 | 0.0 | 0.39 | 0.0 | 0.02 | 1.0 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm ³) (avg) | INC-1 HCL (mg/nm ³) (avg) | INC-1 HF (mg/nm ³) (avg) | INC-1 NOX (mg/nm ³) (avg) | INC-1 PM (mg/nm ³) (avg) | INC-1 SO2 (mg/nm ³) (avg) | INC-1 TOC (mg/nm ³) (avg) | INC-2 CO (mg/nm ³) (avg) | INC-2 HCL (mg/nm ³) (avg) | INC-2 HF (mg/nm ³) (avg) | INC-2 NOX (mg/nm ³) (avg) | INC-2 PM (mg/nm ³) (avg) | INC-2 SO2 (mg/nm ³) (avg) | INC-2 TOC (mg/nm ³) (avg) |
|-------|-------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|
| | 00:000 | | | | | | | | | | | | | | |
| 73 | 2023-06-12 00:00:00:000 | 22.08 | 1.37 | 0.44 | 0.0 | 29.31 | 0.0 | 4.45 | 0.02 | 0.27 | 0.0 | 0.04 | 1.0 | 0.0 | 0.0 |
| 74 | 2023-06-13 00:00:00:000 | 23.3 | 11.82 | 0.4 | 0.0 | 30.4 | 0.0 | 8.79 | 0.0 | 0.49 | 0.0 | 0.52 | 1.0 | 0.0 | 0.0 |
| 75 | 2023-06-14 00:00:00:000 | 23.8 | 27.46 | 0.31 | 0.0 | 29.9 | 0.0 | 8.48 | 0.01 | 0.62 | 0.0 | 0.43 | 1.0 | 0.0 | 0.0 |
| 76 | 2023-06-15 00:00:00:000 | 22.75 | 24.85 | 0.16 | 0.0 | 30.29 | 0.0 | 5.99 | 0.02 | 0.51 | 0.0 | 0.82 | 1.0 | 0.0 | 0.0 |
| 77 | 2023-06-16 00:00:00:000 | 23.44 | 22.86 | 0.0 | 0.0 | 30.5 | 0.0 | 4.99 | 0.0 | 0.03 | 0.0 | 0.38 | 1.0 | 0.0 | 0.0 |
| 78 | 2023-06-17 00:00:00:000 | 21.56 | 6.12 | 0.18 | 0.0 | 30.43 | 0.0 | 7.33 | 0.01 | 0.37 | 0.0 | 0.05 | 1.46 | 0.0 | 0.0 |
| 79 | 2023-06-18 00:00:00:000 | 22.2 | 6.91 | 0.31 | 0.0 | 30.2 | 0.0 | 7.0 | 0.0 | 0.59 | 0.0 | 0.0 | 2.34 | 0.0 | 0.0 |
| 80 | 2023-06-19 00:00:00:000 | 22.96 | 1.14 | 0.42 | 0.0 | 30.46 | 0.0 | 7.0 | 0.0 | 0.67 | 0.0 | 0.0 | 1.13 | 0.0 | 0.0 |
| 81 | 2023-06-20 00:00:00:000 | 21.75 | 0.02 | 0.44 | 0.0 | 29.91 | 0.0 | 7.09 | 0.01 | 0.61 | 0.0 | 0.02 | 1.05 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm³) (avg) | INC-1 HCL (mg/nm³) (avg) | INC-1 HF (mg/nm³) (avg) | INC-1 NOX (mg/nm³) (avg) | INC-1 PM (mg/nm³) (avg) | INC-1 SO2 (mg/nm³) (avg) | INC-1 TOC (mg/nm³) (avg) | INC-2 CO (mg/nm³) (avg) | INC-2 HCL (mg/nm³) (avg) | INC-2 HF (mg/nm³) (avg) | INC-2 NOX (mg/nm³) (avg) | INC-2 PM (mg/nm³) (avg) | INC-2 SO2 (mg/nm³) (avg) | INC-2 TOC (mg/nm³) (avg) |
|-------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|
| 82 | 2023-06-21 00:00:00:000 | 22.46 | 0.13 | 0.33 | 0.0 | 29.93 | 0.0 | 8.07 | 0.01 | 0.54 | 0.0 | 0.08 | 1.14 | 0.0 | 0.0 |
| 83 | 2023-06-22 00:00:00:000 | 21.81 | 0.29 | 0.3 | 0.0 | 29.85 | 0.0 | 7.99 | 0.0 | 0.45 | 0.0 | 0.09 | 1.33 | 0.0 | 0.0 |
| 84 | 2023-06-23 00:00:00:000 | 21.62 | 0.58 | 0.53 | 0.0 | 30.31 | 0.0 | 5.92 | 0.0 | 0.62 | 0.0 | 0.04 | 1.11 | 0.0 | 0.0 |
| 85 | 2023-06-24 00:00:00:000 | 22.64 | 3.5 | 0.01 | 0.0 | 30.17 | 0.0 | 1.48 | 0.01 | 0.02 | 0.0 | 0.02 | 1.0 | 0.0 | 0.0 |
| 86 | 2023-06-25 00:00:00:000 | 22.56 | 26.31 | 0.0 | 0.0 | 30.52 | 0.0 | 7.52 | 0.0 | 0.05 | 0.0 | 0.18 | 1.0 | 0.0 | 0.0 |
| 87 | 2023-06-26 00:00:00:000 | 22.4 | 39.73 | 0.0 | 0.0 | 30.13 | 0.0 | 7.02 | 0.0 | 0.0 | 0.0 | 0.39 | 1.0 | 0.0 | 0.0 |
| 88 | 2023-06-27 00:00:00:000 | 22.12 | 23.87 | 0.0 | 0.0 | 30.3 | 0.0 | 7.09 | 0.0 | 0.0 | 0.0 | 0.31 | 1.0 | 0.0 | 0.0 |
| 89 | 2023-06-28 00:00:00:000 | 22.16 | 14.01 | 0.0 | 0.0 | 30.37 | 0.0 | 5.24 | 0.0 | 0.0 | 0.0 | 0.05 | 1.0 | 0.0 | 0.0 |
| 90 | 2023-06-29 00:00:00:000 | 22.58 | 14.97 | 0.0 | 0.0 | 29.58 | 0.0 | 8.1 | 0.0 | 0.0 | 0.0 | 0.1 | 1.0 | 0.0 | 0.0 |
| 91 | 2023- | 23.07 | 10.01 | 0.0 | 0.0 | 29.86 | 0.0 | 7.88 | 0.0 | 0.05 | 0.0 | 0.02 | 1.0 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm³) (avg) | INC-1 HCL (mg/nm³) (avg) | INC-1 HF (mg/nm³) (avg) | INC-1 NOX (mg/nm³) (avg) | INC-1 PM (mg/nm³) (avg) | INC-1 SO2 (mg/nm³) (avg) | INC-1 TOC (mg/nm³) (avg) | INC-2 CO (mg/nm³) (avg) | INC-2 HCL (mg/nm³) (avg) | INC-2 HF (mg/nm³) (avg) | INC-2 NOX (mg/nm³) (avg) | INC-2 PM (mg/nm³) (avg) | INC-2 SO2 (mg/nm³) (avg) | INC-2 TOC (mg/nm³) (avg) |
|-------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|
| | 06-30 00:00:00:000 | | | | | | | | | | | | | | |
| 92 | 2023-07-01 00:00:00:000 | 22.74 | 11.56 | 0.0 | 0.0 | 29.56 | 0.0 | 6.06 | 0.0 | 0.0 | 0.0 | 0.05 | 1.0 | 0.0 | 0.0 |
| 93 | 2023-07-02 00:00:00:000 | 22.28 | 11.52 | 0.0 | 0.0 | 30.13 | 0.0 | 5.25 | 0.0 | 0.06 | 0.0 | 0.03 | 1.0 | 0.0 | 0.0 |
| 94 | 2023-07-03 00:00:00:000 | 20.7 | 10.82 | 0.08 | 0.01 | 29.89 | 0.0 | 8.32 | 0.0 | 0.37 | 0.0 | 0.01 | 1.0 | 0.0 | 0.0 |
| 95 | 2023-07-04 00:00:00:000 | 20.97 | 7.58 | 0.26 | 0.0 | 30.39 | 0.0 | 8.01 | 0.0 | 0.46 | 0.0 | 0.19 | 1.0 | 0.0 | 0.0 |
| 96 | 2023-07-05 00:00:00:000 | 20.03 | 6.77 | 0.2 | 0.0 | 30.19 | 0.0 | 6.28 | 0.0 | 0.15 | 0.0 | 0.36 | 1.0 | 0.0 | 0.0 |
| 97 | 2023-07-06 00:00:00:000 | 13.51 | 5.11 | 0.07 | 0.0 | 20.3 | 0.0 | 3.0 | 0.01 | 0.07 | 0.0 | 0.26 | 9.84 | 0.0 | 0.0 |
| 98 | 2023-07-07 00:00:00:000 | 2.4 | 1.41 | 0.17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.62 | 0.0 | 0.15 | 29.56 | 0.0 | 0.0 |
| 99 | 2023-07-08 00:00:00:000 | 1.53 | 1.25 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.71 | 0.0 | 0.32 | 29.63 | 0.0 | 0.0 |
| 100 | 2023-07-09 | 1.24 | 2.05 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.04 | 3.0 | 0.0 | 0.54 | 29.74 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm³) (avg) | INC-1 HCL (mg/nm³) (avg) | INC-1 HF (mg/nm³) (avg) | INC-1 NOX (mg/nm³) (avg) | INC-1 PM (mg/nm³) (avg) | INC-1 SO2 (mg/nm³) (avg) | INC-1 TOC (mg/nm³) (avg) | INC-2 CO (mg/nm³) (avg) | INC-2 HCL (mg/nm³) (avg) | INC-2 HF (mg/nm³) (avg) | INC-2 NOX (mg/nm³) (avg) | INC-2 PM (mg/nm³) (avg) | INC-2 SO2 (mg/nm³) (avg) | INC-2 TOC (mg/nm³) (avg) |
|-------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|
| | 00:00:00:000 | | | | | | | | | | | | | | |
| 101 | 2023-07-10 00:00:00:000 | 1.64 | 1.67 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.03 | 0.37 | 0.0 | 1.58 | 29.3 | 0.0 | 0.02 |
| 102 | 2023-07-11 00:00:00:000 | 1.55 | 0.17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.03 | 0.0 | 0.0 | 1.75 | 29.03 | 0.0 | 0.0 |
| 103 | 2023-07-12 00:00:00:000 | 2.71 | 0.82 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.01 | 0.0 | 0.0 | 1.18 | 29.24 | 0.0 | 0.0 |
| 104 | 2023-07-13 00:00:00:000 | 1.92 | 1.05 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.01 | 0.55 | 0.0 | 0.17 | 29.27 | 0.0 | 0.0 |
| 105 | 2023-07-14 00:00:00:000 | 3.63 | 0.12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.18 | 0.0 | 0.1 | 29.41 | 0.0 | 0.0 |
| 106 | 2023-07-15 00:00:00:000 | 4.8 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.32 | 0.0 | 0.04 | 29.23 | 0.0 | 0.0 |
| 107 | 2023-07-16 00:00:00:000 | 0.33 | 0.0 | 0.0 | 30.17 | 0.0 | 0.0 | 0.0 | 0.0 | 1.04 | 0.0 | 0.1 | 29.4 | 0.0 | 0.0 |
| 108 | 2023-07-17 00:00:00:000 | 10.32 | 1.39 | 0.0 | 0.0 | 0.0 | 0.0 | 0.43 | 0.95 | 5.66 | 0.0 | 0.58 | 29.54 | 0.0 | 0.0 |
| 109 | 2023-07-18 00:00:00:000 | 9.8 | 2.12 | 0.25 | 0.0 | 0.0 | 0.0 | 1.08 | 1.0 | 5.89 | 0.0 | 3.11 | 29.49 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm ³) (avg) | INC-1 HCL (mg/nm ³) (avg) | INC-1 HF (mg/nm ³) (avg) | INC-1 NOX (mg/nm ³) (avg) | INC-1 PM (mg/nm ³) (avg) | INC-1 SO2 (mg/nm ³) (avg) | INC-1 TOC (mg/nm ³) (avg) | INC-2 CO (mg/nm ³) (avg) | INC-2 HCL (mg/nm ³) (avg) | INC-2 HF (mg/nm ³) (avg) | INC-2 NOX (mg/nm ³) (avg) | INC-2 PM (mg/nm ³) (avg) | INC-2 SO2 (mg/nm ³) (avg) | INC-2 TOC (mg/nm ³) (avg) |
|-------|-------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|
| | 00:000 | | | | | | | | | | | | | | |
| 110 | 2023-07-19 00:00:00:000 | 9.49 | 2.28 | 0.0 | 0.0 | 16.26 | 0.0 | 0.31 | 1.0 | 0.39 | 0.0 | 2.84 | 29.89 | 0.0 | 0.0 |
| 111 | 2023-07-20 00:00:00:000 | 9.71 | 2.55 | 0.0 | 0.0 | 29.25 | 0.0 | 0.4 | 1.0 | 2.23 | 0.0 | 1.98 | 28.71 | 0.0 | 0.0 |
| 112 | 2023-07-21 00:00:00:000 | 9.28 | 2.42 | 0.0 | 0.0 | 30.06 | 0.0 | 0.27 | 1.0 | 4.17 | 0.0 | 1.78 | 29.59 | 0.0 | 0.0 |
| 113 | 2023-07-22 00:00:00:000 | 9.47 | 2.2 | 0.0 | 0.0 | 29.79 | 0.0 | 0.0 | 1.02 | 0.0 | 0.0 | 1.51 | 29.26 | 0.0 | 0.0 |
| 114 | 2023-07-23 00:00:00:000 | 10.21 | 2.64 | 0.0 | 0.0 | 30.53 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 2.06 | 29.72 | 0.0 | 0.0 |
| 115 | 2023-07-24 00:00:00:000 | 9.39 | 2.95 | 0.0 | 0.0 | 29.82 | 0.0 | 0.0 | 1.0 | 1.43 | 0.0 | 1.64 | 29.42 | 0.0 | 0.0 |
| 116 | 2023-07-25 00:00:00:000 | 9.11 | 2.27 | 0.0 | 0.0 | 30.32 | 0.0 | 0.0 | 1.0 | 5.3 | 0.0 | 1.14 | 29.78 | 0.0 | 0.02 |
| 117 | 2023-07-26 00:00:00:000 | 9.36 | 1.53 | 0.0 | 0.0 | 29.73 | 0.0 | 0.0 | 1.0 | 6.14 | 0.0 | 1.5 | 29.32 | 0.0 | 0.0 |
| 118 | 2023-07-27 00:00:00:000 | 9.32 | 1.27 | 0.0 | 0.0 | 30.0 | 0.0 | 0.0 | 1.01 | 9.2 | 0.0 | 1.04 | 29.7 | 0.0 | 0.15 |

| S.No. | Time | INC-1 CO (mg/nm³) (avg) | INC-1 HCL (mg/nm³) (avg) | INC-1 HF (mg/nm³) (avg) | INC-1 NOX (mg/nm³) (avg) | INC-1 PM (mg/nm³) (avg) | INC-1 SO2 (mg/nm³) (avg) | INC-1 TOC (mg/nm³) (avg) | INC-2 CO (mg/nm³) (avg) | INC-2 HCL (mg/nm³) (avg) | INC-2 HF (mg/nm³) (avg) | INC-2 NOX (mg/nm³) (avg) | INC-2 PM (mg/nm³) (avg) | INC-2 SO2 (mg/nm³) (avg) | INC-2 TOC (mg/nm³) (avg) |
|-------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|
| 119 | 2023-07-28 00:00:00:000 | 9.44 | 1.3 | 0.0 | 0.0 | 30.39 | 0.0 | 0.0 | 1.05 | 2.45 | 0.0 | 2.47 | 29.59 | 0.0 | 0.2 |
| 120 | 2023-07-29 00:00:00:000 | 10.88 | 1.32 | 0.0 | 0.0 | 29.18 | 0.0 | 0.0 | 1.01 | 3.82 | 0.0 | 1.47 | 28.55 | 0.0 | 0.0 |
| 121 | 2023-07-30 00:00:00:000 | 12.93 | 0.9 | 0.0 | 0.0 | 30.51 | 0.0 | 0.0 | 1.01 | 4.16 | 0.0 | 1.18 | 29.7 | 0.0 | 0.0 |
| 122 | 2023-07-31 00:00:00:000 | 14.23 | 0.26 | 0.0 | 0.0 | 30.93 | 0.0 | 0.0 | 1.11 | 7.23 | 0.0 | 0.12 | 30.49 | 0.0 | 8.08 |
| 123 | 2023-08-01 00:00:00:000 | 12.97 | 0.51 | 0.0 | 0.01 | 31.0 | 0.0 | 0.38 | 1.03 | 8.89 | 0.0 | 0.02 | 30.5 | 0.0 | 10.77 |
| 124 | 2023-08-02 00:00:00:000 | 17.24 | 1.28 | 0.0 | 0.01 | 30.66 | 0.0 | 0.0 | 1.59 | 8.63 | 0.0 | 0.0 | 30.17 | 0.0 | 0.02 |
| 125 | 2023-08-03 00:00:00:000 | 18.93 | 1.34 | 0.0 | 0.05 | 30.02 | 0.0 | 0.0 | 1.76 | 8.67 | 0.0 | 0.0 | 29.79 | 0.0 | 0.0 |
| 126 | 2023-08-04 00:00:00:000 | 21.11 | 1.48 | 0.0 | 0.01 | 30.01 | 0.0 | 0.0 | 1.52 | 7.11 | 0.0 | 0.0 | 29.79 | 0.0 | 0.0 |
| 127 | 2023-08-05 00:00:00:000 | 22.44 | 1.21 | 0.0 | 0.13 | 30.68 | 0.0 | 0.0 | 1.9 | 8.68 | 0.0 | 0.0 | 30.53 | 0.0 | 0.0 |
| 128 | 2023- | 19.84 | 0.53 | 0.0 | 0.1 | 31.0 | 0.0 | 0.0 | 1.47 | 8.53 | 0.0 | 0.01 | 30.84 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm³) (avg) | INC-1 HCL (mg/nm³) (avg) | INC-1 HF (mg/nm³) (avg) | INC-1 NOX (mg/nm³) (avg) | INC-1 PM (mg/nm³) (avg) | INC-1 SO2 (mg/nm³) (avg) | INC-1 TOC (mg/nm³) (avg) | INC-2 CO (mg/nm³) (avg) | INC-2 HCL (mg/nm³) (avg) | INC-2 HF (mg/nm³) (avg) | INC-2 NOX (mg/nm³) (avg) | INC-2 PM (mg/nm³) (avg) | INC-2 SO2 (mg/nm³) (avg) | INC-2 TOC (mg/nm³) (avg) |
|-------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|
| | 08-06 00:00:00:000 | | | | | | | | | | | | | | |
| 129 | 2023-08-07 00:00:00:000 | 12.65 | 0.16 | 0.0 | 0.01 | 31.0 | 0.0 | 0.53 | 0.48 | 12.18 | 0.0 | 0.02 | 30.87 | 0.0 | 0.0 |
| 130 | 2023-08-08 00:00:00:000 | 11.35 | 0.02 | 0.0 | 0.01 | 31.0 | 0.0 | 0.0 | 0.68 | 7.15 | 0.0 | 0.14 | 30.97 | 0.0 | 0.03 |
| 131 | 2023-08-09 00:00:00:000 | 13.97 | 0.7 | 0.0 | 0.01 | 31.0 | 0.0 | 0.0 | 1.03 | 0.43 | 0.0 | 0.28 | 31.0 | 0.0 | 0.0 |
| 132 | 2023-08-10 00:00:00:000 | 13.99 | 0.7 | 0.0 | 0.01 | 31.0 | 0.0 | 0.0 | 1.05 | 3.45 | 0.0 | 1.09 | 31.0 | 0.0 | 0.0 |
| 133 | 2023-08-11 00:00:00:000 | 15.78 | 0.52 | 0.0 | 0.04 | 31.0 | 0.0 | 0.0 | 1.01 | 3.85 | 0.0 | 1.36 | 30.99 | 0.0 | 0.0 |
| 134 | 2023-08-12 00:00:00:000 | 15.08 | 1.05 | 0.04 | 0.0 | 31.0 | 0.0 | 0.0 | 1.13 | 2.15 | 0.0 | 3.32 | 31.0 | 0.0 | 0.0 |
| 135 | 2023-08-13 00:00:00:000 | 16.34 | 1.16 | 0.0 | 0.0 | 31.0 | 0.0 | 0.0 | 1.34 | 3.43 | 0.0 | 3.89 | 31.0 | 0.0 | 0.0 |
| 136 | 2023-08-14 00:00:00:000 | 16.79 | 0.43 | 0.0 | 0.0 | 31.0 | 0.0 | 0.0 | 1.0 | 1.27 | 0.0 | 4.76 | 31.0 | 0.0 | 0.0 |
| 137 | 2023-08-15 | 18.49 | 0.69 | 0.0 | 0.0 | 31.0 | 0.0 | 0.0 | 1.0 | 4.7 | 0.0 | 1.26 | 31.0 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm³) (avg) | INC-1 HCL (mg/nm³) (avg) | INC-1 HF (mg/nm³) (avg) | INC-1 NOX (mg/nm³) (avg) | INC-1 PM (mg/nm³) (avg) | INC-1 SO2 (mg/nm³) (avg) | INC-1 TOC (mg/nm³) (avg) | INC-2 CO (mg/nm³) (avg) | INC-2 HCL (mg/nm³) (avg) | INC-2 HF (mg/nm³) (avg) | INC-2 NOX (mg/nm³) (avg) | INC-2 PM (mg/nm³) (avg) | INC-2 SO2 (mg/nm³) (avg) | INC-2 TOC (mg/nm³) (avg) |
|-------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|
| | 00:00:00:000 | | | | | | | | | | | | | | |
| 138 | 2023-08-16 00:00:00:000 | 17.02 | 0.13 | 0.0 | 0.0 | 31.0 | 0.0 | 0.0 | 1.01 | 6.32 | 0.0 | 0.53 | 31.0 | 0.0 | 0.0 |
| 139 | 2023-08-17 00:00:00:000 | 18.65 | 0.2 | 0.0 | 0.0 | 31.0 | 0.0 | 0.0 | 1.01 | 6.85 | 0.0 | 0.22 | 30.99 | 0.0 | 0.0 |
| 140 | 2023-08-18 00:00:00:000 | 18.42 | 0.0 | 0.0 | 0.0 | 31.0 | 0.0 | 0.0 | 1.02 | 8.44 | 0.0 | 0.45 | 31.0 | 0.0 | 0.0 |
| 141 | 2023-08-19 00:00:00:000 | 18.53 | 0.58 | 0.0 | 0.64 | 30.98 | 0.0 | 0.0 | 1.05 | 12.31 | 0.0 | 0.24 | 31.0 | 0.0 | 0.0 |
| 142 | 2023-08-20 00:00:00:000 | 16.56 | 1.91 | 0.0 | 0.18 | 12.98 | 0.0 | 0.0 | 0.97 | 5.67 | 0.0 | 1.38 | 31.0 | 0.0 | 0.0 |
| 143 | 2023-08-21 00:00:00:000 | 16.04 | 2.01 | 0.0 | 0.01 | 0.0 | 0.0 | 0.0 | 0.99 | 1.95 | 0.0 | 2.04 | 30.99 | 0.0 | 0.2 |
| 144 | 2023-08-22 00:00:00:000 | 16.01 | 1.25 | 0.0 | 0.02 | 0.0 | 0.0 | 0.0 | 1.01 | 4.4 | 0.0 | 2.09 | 30.99 | 0.0 | 0.0 |
| 145 | 2023-08-23 00:00:00:000 | 15.81 | 0.71 | 0.0 | 0.07 | 0.0 | 0.0 | 0.0 | 1.01 | 4.07 | 0.0 | 1.56 | 31.0 | 0.0 | 0.0 |
| 146 | 2023-08-24 00:00:00:000 | 15.86 | 0.25 | 0.0 | 0.12 | 0.0 | 0.0 | 0.0 | 1.01 | 3.88 | 0.0 | 1.13 | 31.0 | 0.05 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm ³) (avg) | INC-1 HCL (mg/nm ³) (avg) | INC-1 HF (mg/nm ³) (avg) | INC-1 NOX (mg/nm ³) (avg) | INC-1 PM (mg/nm ³) (avg) | INC-1 SO2 (mg/nm ³) (avg) | INC-1 TOC (mg/nm ³) (avg) | INC-2 CO (mg/nm ³) (avg) | INC-2 HCL (mg/nm ³) (avg) | INC-2 HF (mg/nm ³) (avg) | INC-2 NOX (mg/nm ³) (avg) | INC-2 PM (mg/nm ³) (avg) | INC-2 SO2 (mg/nm ³) (avg) | INC-2 TOC (mg/nm ³) (avg) |
|-------|-------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|
| | 00:000 | | | | | | | | | | | | | | |
| 147 | 2023-08-25 00:00:00:000 | 16.24 | 0.37 | 0.0 | 0.01 | 0.0 | 0.0 | 0.0 | 1.01 | 5.96 | 0.0 | 1.28 | 31.0 | 0.0 | 0.0 |
| 148 | 2023-08-26 00:00:00:000 | 16.03 | 0.37 | 0.0 | 0.03 | 0.0 | 0.0 | 0.0 | 0.99 | 7.32 | 0.0 | 1.04 | 30.96 | 0.0 | 0.0 |
| 149 | 2023-08-27 00:00:00:000 | 16.39 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.17 | 9.29 | 0.0 | 1.11 | 30.39 | 0.0 | 0.0 |
| 150 | 2023-08-28 00:00:00:000 | 15.97 | 0.27 | 0.0 | 0.02 | 10.62 | 0.0 | 0.6 | 1.57 | 7.83 | 0.0 | 0.77 | 30.98 | 0.0 | 0.0 |
| 151 | 2023-08-29 00:00:00:000 | 15.48 | 0.0 | 0.0 | 0.04 | 30.74 | 0.0 | 4.08 | 1.62 | 12.43 | 0.0 | 0.79 | 30.7 | 0.0 | 0.0 |
| 152 | 2023-08-30 00:00:00:000 | 16.55 | 0.0 | 0.0 | 0.11 | 28.91 | 0.0 | 2.25 | 1.28 | 12.05 | 0.0 | 0.73 | 28.82 | 0.0 | 0.0 |
| 153 | 2023-08-31 00:00:00:000 | 16.28 | 0.0 | 0.18 | 0.04 | 29.55 | 0.0 | 2.86 | 1.09 | 9.98 | 0.0 | 0.66 | 29.44 | 0.0 | 0.0 |
| 154 | 2023-09-01 00:00:00:000 | 18.31 | 0.22 | 0.0 | 0.01 | 29.55 | 0.0 | 3.06 | 1.02 | 1.09 | 0.0 | 0.58 | 29.44 | 0.0 | 0.0 |
| 155 | 2023-09-02 00:00:00:000 | 17.62 | 0.48 | 0.09 | 0.01 | 30.2 | 0.0 | 3.8 | 1.0 | 5.32 | 0.0 | 0.78 | 30.12 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm³) (avg) | INC-1 HCL (mg/nm³) (avg) | INC-1 HF (mg/nm³) (avg) | INC-1 NOX (mg/nm³) (avg) | INC-1 PM (mg/nm³) (avg) | INC-1 SO2 (mg/nm³) (avg) | INC-1 TOC (mg/nm³) (avg) | INC-2 CO (mg/nm³) (avg) | INC-2 HCL (mg/nm³) (avg) | INC-2 HF (mg/nm³) (avg) | INC-2 NOX (mg/nm³) (avg) | INC-2 PM (mg/nm³) (avg) | INC-2 SO2 (mg/nm³) (avg) | INC-2 TOC (mg/nm³) (avg) |
|-------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|
| 156 | 2023-09-03 00:00:00:000 | 17.24 | 0.11 | 0.13 | 0.01 | 31.0 | 0.0 | 2.49 | 1.02 | 3.62 | 0.0 | 1.35 | 31.0 | 0.0 | 0.0 |
| 157 | 2023-09-04 00:00:00:000 | 19.5 | 0.23 | 0.12 | 0.0 | 31.0 | 0.0 | 3.0 | 1.0 | 5.64 | 0.0 | 1.85 | 31.0 | 0.0 | 0.0 |
| 158 | 2023-09-05 00:00:00:000 | 18.27 | 0.25 | 0.27 | 0.01 | 30.72 | 0.0 | 3.0 | 1.0 | 8.67 | 0.0 | 0.87 | 30.66 | 0.0 | 0.0 |
| 159 | 2023-09-06 00:00:00:000 | 18.9 | 2.37 | 0.52 | 0.01 | 31.0 | 0.0 | 3.0 | 1.01 | 4.0 | 0.0 | 0.4 | 31.0 | 0.0 | 0.0 |
| 160 | 2023-09-07 00:00:00:000 | 17.84 | 3.71 | 0.0 | 0.04 | 31.0 | 0.0 | 3.0 | 1.0 | 0.0 | 0.0 | 1.38 | 31.0 | 0.0 | 0.0 |
| 161 | 2023-09-08 00:00:00:000 | 16.97 | 2.57 | 0.0 | 0.05 | 30.95 | 0.0 | 3.0 | 0.99 | 0.0 | 0.0 | 1.81 | 30.91 | 0.0 | 0.0 |
| 162 | 2023-09-09 00:00:00:000 | 17.13 | 1.02 | 0.0 | 0.13 | 30.21 | 0.0 | 3.0 | 1.0 | 0.0 | 0.0 | 1.73 | 30.16 | 0.0 | 0.0 |
| 163 | 2023-09-10 00:00:00:000 | 16.05 | 2.52 | 0.1 | 0.09 | 30.17 | 0.0 | 3.0 | 1.01 | 0.44 | 0.0 | 1.51 | 30.09 | 0.0 | 0.0 |
| 164 | 2023-09-11 00:00:00:000 | 16.26 | 3.29 | 0.2 | 0.01 | 29.99 | 0.0 | 3.0 | 1.0 | 2.14 | 0.0 | 1.53 | 29.81 | 0.0 | 0.0 |
| 165 | 2023- | 17.55 | 2.85 | 0.24 | 0.02 | 29.84 | 0.0 | 3.0 | 1.08 | 1.6 | 0.0 | 0.58 | 29.7 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm³) (avg) | INC-1 HCL (mg/nm³) (avg) | INC-1 HF (mg/nm³) (avg) | INC-1 NOX (mg/nm³) (avg) | INC-1 PM (mg/nm³) (avg) | INC-1 SO2 (mg/nm³) (avg) | INC-1 TOC (mg/nm³) (avg) | INC-2 CO (mg/nm³) (avg) | INC-2 HCL (mg/nm³) (avg) | INC-2 HF (mg/nm³) (avg) | INC-2 NOX (mg/nm³) (avg) | INC-2 PM (mg/nm³) (avg) | INC-2 SO2 (mg/nm³) (avg) | INC-2 TOC (mg/nm³) (avg) |
|-------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|
| | 09-12 00:00:00-000 | | | | | | | | | | | | | | |
| 166 | 2023-09-13 00:00:00-000 | 16.74 | 2.86 | 0.4 | 0.01 | 29.59 | 0.0 | 3.0 | 1.01 | 3.34 | 0.0 | 0.2 | 29.5 | 0.0 | 0.0 |
| 167 | 2023-09-14 00:00:00-000 | 17.55 | 3.01 | 0.26 | 0.01 | 29.9 | 0.0 | 3.0 | 1.55 | 1.95 | 0.0 | 0.01 | 29.75 | 0.0 | 0.0 |
| 168 | 2023-09-15 00:00:00-000 | 19.99 | 2.99 | 0.0 | 0.06 | 30.08 | 0.0 | 3.0 | 1.74 | 0.0 | 0.0 | 1.28 | 29.94 | 0.0 | 0.0 |
| 169 | 2023-09-16 00:00:00-000 | 21.44 | 1.91 | 0.0 | 0.07 | 30.16 | 0.0 | 3.0 | 1.07 | 0.0 | 0.0 | 2.23 | 30.09 | 0.0 | 0.0 |
| 170 | 2023-09-17 00:00:00-000 | 19.38 | 0.04 | 0.0 | 0.54 | 30.33 | 0.0 | 3.0 | 1.2 | 0.0 | 0.0 | 0.49 | 30.26 | 0.0 | 0.0 |
| 171 | 2023-09-18 00:00:00-000 | 19.93 | 0.63 | 0.0 | 0.02 | 30.52 | 0.0 | 3.0 | 1.07 | 0.0 | 0.0 | 1.02 | 30.44 | 0.0 | 0.0 |
| 172 | 2023-09-19 00:00:00-000 | 18.25 | 1.27 | 0.0 | 0.01 | 29.97 | 0.0 | 3.0 | 1.01 | 0.0 | 0.0 | 1.87 | 29.87 | 0.0 | 0.0 |
| 173 | 2023-09-20 00:00:00-000 | 18.78 | 2.86 | 0.0 | 0.01 | 30.25 | 0.0 | 3.0 | 1.02 | 0.0 | 0.0 | 2.07 | 30.13 | 0.0 | 0.0 |
| 174 | 2023-09-21 | 19.11 | 3.4 | 0.0 | 0.0 | 30.53 | 0.0 | 3.0 | 1.02 | 0.01 | 0.0 | 2.1 | 30.48 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm³) (avg) | INC-1 HCL (mg/nm³) (avg) | INC-1 HF (mg/nm³) (avg) | INC-1 NOX (mg/nm³) (avg) | INC-1 PM (mg/nm³) (avg) | INC-1 SO2 (mg/nm³) (avg) | INC-1 TOC (mg/nm³) (avg) | INC-2 CO (mg/nm³) (avg) | INC-2 HCL (mg/nm³) (avg) | INC-2 HF (mg/nm³) (avg) | INC-2 NOX (mg/nm³) (avg) | INC-2 PM (mg/nm³) (avg) | INC-2 SO2 (mg/nm³) (avg) | INC-2 TOC (mg/nm³) (avg) |
|-------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|
| | 00:00:00:000 | | | | | | | | | | | | | | |
| 175 | 2023-09-22 00:00:00:000 | 16.76 | 3.2 | 0.0 | 0.01 | 30.27 | 0.0 | 3.0 | 1.0 | 2.53 | 0.0 | 2.04 | 30.2 | 0.0 | 0.0 |
| 176 | 2023-09-23 00:00:00:000 | 18.45 | 3.16 | 0.0 | 0.01 | 30.01 | 0.0 | 3.0 | 1.4 | 4.42 | 0.0 | 1.41 | 29.86 | 0.0 | 0.0 |
| 177 | 2023-09-24 00:00:00:000 | 20.5 | 3.17 | 0.0 | 0.0 | 30.03 | 0.0 | 3.0 | 1.53 | 0.0 | 0.0 | 1.77 | 29.87 | 0.0 | 0.0 |
| 178 | 2023-09-25 00:00:00:000 | 21.78 | 2.97 | 0.0 | 0.0 | 30.78 | 0.0 | 3.0 | 1.41 | 0.0 | 0.0 | 1.95 | 30.73 | 0.0 | 0.0 |
| 179 | 2023-09-26 00:00:00:000 | 19.42 | 3.25 | 0.0 | 0.0 | 30.33 | 0.0 | 3.0 | 1.69 | 3.51 | 0.0 | 2.03 | 30.24 | 0.0 | 0.0 |
| 180 | 2023-09-27 00:00:00:000 | 18.18 | 2.81 | 0.0 | 0.0 | 30.67 | 0.0 | 3.0 | 1.68 | 4.35 | 0.0 | 1.61 | 30.62 | 0.0 | 0.0 |
| 181 | 2023-09-28 00:00:00:000 | 19.34 | 2.38 | 0.0 | 0.01 | 31.0 | 0.0 | 3.0 | 1.75 | 4.05 | 0.0 | 1.09 | 31.0 | 0.0 | 0.0 |
| 182 | 2023-09-29 00:00:00:000 | 17.69 | 2.88 | 0.0 | 0.83 | 31.0 | 0.0 | 3.0 | 1.98 | 3.95 | 0.0 | 0.79 | 31.0 | 0.0 | 0.0 |
| 183 | 2023-09-30 00:00:00:000 | 17.5 | 2.76 | 0.0 | 0.23 | 30.98 | 0.0 | 3.0 | 2.23 | 5.85 | 0.0 | 0.69 | 30.98 | 0.0 | 0.0 |

| S.No. | Time | INC-1 CO (mg/nm ³) (avg) | INC-1 HCL (mg/nm ³) (avg) | INC-1 HF (mg/nm ³) (avg) | INC-1 NOX (mg/nm ³) (avg) | INC-1 PM (mg/nm ³) (avg) | INC-1 SO2 (mg/nm ³) (avg) | INC-1 TOC (mg/nm ³) (avg) | INC-2 CO (mg/nm ³) (avg) | INC-2 HCL (mg/nm ³) (avg) | INC-2 HF (mg/nm ³) (avg) | INC-2 NOX (mg/nm ³) (avg) | INC-2 PM (mg/nm ³) (avg) | INC-2 SO2 (mg/nm ³) (avg) | INC-2 TOC (mg/nm ³) (avg) |
|-------|------|---|--|--|--|---|--|--|---|--|--|--|--|--|--|
|-------|------|---|--|--|--|---|--|--|---|--|--|--|--|--|--|

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