



o/c

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

Ref.: BEIL/ANK/2022-23/69

Date: 30.12.2022

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 2022 – September 2022.

- 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 2022 – September 2022 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 01.04.2022 to 30.09.2022) | 100533.89 MT |
| Cumulative quantity disposed in landfill from the beginning (up to 30.09.2022) | 38,24,853.105 MT |

Incinerable waste details are as follows:

| Incinerable Waste Receipt | Incinerated |
|--|--|
| During 01.04.2022 to 30.09.2022: 29794.514MT | During 01.04.2022 to 30.09.2022: 8277.872 MT |

**BEIL INFRASTRUCTURE LIMITED**

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| | |
|--|--|
| Cumulative Up to 30.09.2022: 407102.218 MT | Cumulative Up to 30.09.2022: 301800.756 MT |
|--|--|

Pre-processing details are as follows:

| | |
|--|---------------|
| Pre-processed (During 01.04.2022 to 30.09.2022) | 20343.251MT |
| Cumulative quantity of waste sends for Pre-processing from beginning to 30.09.2022 | 101611.463 MT |

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

(1) M/s Ambuja Cement Ltd. Kodinar, Junagadh (2) M/s Birla Corporation Ltd Chanderia, Tal: Chittorgarh, Rajsthan (3) M/s Shree Cement Ltd, Ras, Dist: Pali, Rajasthan (4) M/s Nuvoco Vistas Corporation Ltd., Nimbahera, Dist.: Chittorgarh, Rajasthan (5) M/s Ultratech Cement, Manawar, Dist: Dhar, Madhya Pradesh (6) M/s JK Cement Works, Mangrol, Nimbahera, Dist.: Chittorgarh, Rajasthan (7) M/s JK Cement Works, Kailash Nagar, Nimbahera, Dist: Chittorgarh, Rajasthan (8) M/s Ambuja Cement, Bhatapara, Chhattisgarh (9) ACC Limited, Jamul, Chhattisgarh (10) Nuvoco Vistas Corp. Ltd, Sonidha, Chhattisgarh (11) M/s Wonder Cement Ltd., Chittorgarh (Rajasthan) (12) M/s J.K Cement Works, Muddapur (Karnataka).

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**

B. D. Dalwadi
(Chief Executive Officer)

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

EC Compliance for the period of April'22 to Sep'22 of BEIL Infrastructure Ltd.-Ankleshwar-9701 – 16 GIDC Industrial Estate, Ankleshwar - 393002

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

Fri 30-Dec-22 4:35 PM

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

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

1 attachments (21 MB)

0: EC Compliance April'22 to Sep'22-BEIL Ankleshwar.pdf

Dear sir,

Please find the EC compliance report for the period of April'22 to Sep'22 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.

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EC Compliance for the period of April'22 to Sep'22 of BEIL Infrastructure Ltd.-Ankleshwar-9701 – 16 GIDC Industrial Estate, Ankleshwar - 393002

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

Fri 30-Dec-22 4:35 PM

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

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

1 attachments (21 MB)

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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 4th 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. |
| 3 | <p>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/yeas, 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.</p> | <p>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 ash from incineration 6065.68 MT during the April'22 to Sep'22; Discarded packing materials 317.73 MT during the April'22 to Sep'22; the salt from Multiple Effect Evaporation system 6785.41 MT during the April'22 to Sep'22. With regard to the capacity of the facility.</p> |

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| 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 hereby accorded under Environment Impact. | Noted. |
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Specific Condition:

| Sr. No. | Description | Status |
|---------|---|---|
| 1 | 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. 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 . |
| 2 | 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 confirmed 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 . |
| 3 | The TSDF shall only handle the waste generated from the member units. | Complied. We accept waste only of member units, who have valid CC&A obtained from GPCB. At present we are having 733 members for Landfill and 830 members of Incinerator. In support of this we are submitting returns to GPCB. |

| | | |
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| 4 | Forced evaporation shall be provided to treat the effluent/leachate generated from the landfill. | <p>Complied.</p> <p>We have installed Multiple Effect Evaporator to treat the effluent/leachate generated from the landfill. Part of Effluent / Leachate generated from the land fill is evaporated and remaining condensate is sent to M/s Enviro Technology Limited, Ankleshwar (CETP) for further treatment and disposal as per the consent given by GPCB. Also, whenever MEE is under maintenance, Leachate/ Effluent is sent to CETP. For the period April'22 to Sep'22: 11642 KL leachate treated in MEE plant & 40 KL leachate sent to ETL for further treatment & disposal.</p> |
| 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 | <p>Complied.</p> <p>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 3.</p> <p>The relevant compliance hazardous waste and other waste (management and Transboundary movement) rules 2016 are attached as Annexure 1.</p> |
| 6 | No ground water shall be tapped for project. | <p>Complied.</p> <p>Water is being provided by GIDC for process purpose but when there is shortage of water, we use borewell water to meet our 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 borewell water.</p> |
| 7 | The project proponent shall monitor the ambient air quality, groundwater and noise abutting the site as per norms laid down by CPCB. | <p>Complied.</p> <p>We are carrying out internally weekly ambient air monitoring, fortnightly ground water monitoring & monthly noise level monitoring. For ambient air monitoring we are having 4 monitoring stations.</p> <p>Company is also carrying out monitoring through third party of Ambient Air, ground water, noise level etc. as per norms laid down by CPCB.</p> <p>It may be noted that, as indicated in the results, there is no contamination of ground water.</p> <p>The monitoring results are attached for period April'22 to Sep'22 as Annexure 4, Annexure 5, and Annexure 6. And the average results is attached as Annexure 7.</p> <p>*Note: The frequency of third-party monitoring (Air, Water and Noise) is once in the month from April'20.</p> |

| | | |
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| 8 | <p>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.</p> | <p>Complied. 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. Handling & transportation is also done as per the guidelines. 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 Incinerator plant is 45 meters as mentioned in CC&A.</p> |
| 9 | <p>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.</p> | <p>Complied. 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. Comprehensive analysis is being carried out at the time of enrolling members. If organic content is high, the waste is sent for incineration. Only inorganic waste or waste meeting acceptance criteria is sent to landfill. Waste having organic content not suitable for landfill as well as incinerator is sent back to respective industry and again accepted only if it meets the acceptance criteria. Required arrangements for collection, treatment, and disposal vent gases from the landfill is provided. We are monitoring the vents provided at the closed portion of the landfill every month and the concentrations of hydrocarbons are very low. Typical reports of comprehensive analysis and finger-print analysis are attached as Annexure 8.</p> |
| 10 | <p>Project proponent shall have environmental management plan and onsite emergency management plan.</p> | <p>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 inward letter copy is attached as Annexure 9.</p> |

Summary of EMP Compliance is as below, and Detailed EMP Compliance is attached as **Annexure -10**.

| 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 443 dedicated vehicles equipped with 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, 3 leachate collections well for Phase III and for Phase-IV 3 nos. of leachate wells have been provided. |

BEIL has Implemented Prestigious Environmental Management system standard ISO 14001:2015 & ISO 45001: 2018 Safety system. Certificates are attached as **Annexure 11**.

| | | |
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| 11 | 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. The hydrological study in coordination with GPCB & Ankleshwar Industrial association has been carried by NEERI. 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 . |
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| 12 | 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. |
| 13 | 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 Green belt is developed in total 41,000 sq. mt to mitigate the impacts on the overall air quality at the site. Additionally, after the closure and capping of SLF in phased manner will be total 75940 Sq.mt. Thus total 41.87% (14.68% + 27.19%) of total plot area is earmarked for development of green cover. The area available after capping of SLF in phased manner is given below: 6,500 m ² in Phase-I developed as garden 16000 no of Jatropha planted. 43,440 m ² in Phase-II under plantation. 10,000 m ² in Phase-III proposed after capping. Layout of green belt within the premises is attached as Annexure – 13. |
| 14 | The groundwater, surface water and air quality should be monitored regularly to assess the leachate contamination. | Complied. Company is carrying out through our lab ground water monitoring, surface water monitoring & ambient air quality. We are also carrying out monitoring through third party ground water, Ambient Air quality once in the month. Up- Stream and Down Stream Monitoring wells have been provided and their Monitoring is done monthly by a third party. An average of all the ground water monitoring results in and around the site are mentioned in Annexure 7. Separate provision for storm water runoff has been provided surrounding the landfill, which leads to GIDC drainage. Storm water is discharged in GIDC drainage line only once its analysis is carried out and it is found non-contaminated. Any Contaminated storm water is collected and treated in MEE / sent to ETL (as per ourCCA). Reports of Ambient Air monitoring by our lab and third party are attached as Annexure 4 & 4(A) and ground water analysis are attached as Annexure 5. And the average results is attached as Annexure 7. |

| | | |
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| 15 | <p>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.</p> | <p>Complied. A well-designed leachate collection system is developed. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II, 3 leachate collections well for Phase III and for Phase-IV 3 nos. of leachate well have been provided. Leachate is collected and either treated at the Multiple Effect Evaporation Plant in the premises or sent to CETP (M/S Enviro Technology Limited)for treatment and disposal. For the period April'22 to Sep'22: 11642 KL leachate treated in MEE plant. The leachate treatment data is submitted to GPCB along with monthly report and quarterly Protocol.</p> |
| 16 | <p>The landfill site should be as per the norms laid down by CPCB.</p> | <p>Complied. 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.</p> |
| 17 | <p>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> | <p>Complied. Company have separate Environmental Management cell. Vice president (VP) – Operation, Environmental lab head, are directly reporting to Chief executive officer and Director. Details of the persons engaged in the Environment cell are as below: Mr. Manoj Patel: VP– Operation (BE Civil) Ms. Rakshita Vyas – Sr. Manager- Env. (PGD-Environment) Mr. Satish Gaddam: Head, Environment Laboratory Bhoomi Tambedia: Sr.officer - Environment (BE - Environment) Krishna Ichhapuria: Officer- Environment (BE Environment) Foram Patel: Officer- Environment (ME-Environment) Corporate Environment Cell: Mr. B.D. Dalwadi - CEO - (BE – Chemical) Dr. P N Parameswaran: Advisor – Environment (PhD Environment)</p> |

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| 18 | The funds earmarked for environment protection measures should be maintained in a separate account and there should be no diversion of these funds for any other purpose. A year wise expenditure on environmental safeguards should be reported to this ministry's regional office at Bhopal. | Complied. A separate account is maintained for environment protection and the cumulative amount till Sep'22 is 1739.02 Lac . These funds are not diverted for any other activity. Year wise expenditure on environmental protection is as below. | |
| | | Year | Capital Expense (Lacs) |
| | | Revenue Expense (Lacs) | |
| | | 2018 - 2019 | 185 |
| | | 2019 - 2020 | 626.50 |
| | | 2020 - 2021 | 644.07 |
| 2021 - 2022 | 691.25 | | |
| 2022 - 2023 | 1283.99 | | |

General Condition:

| No. | Description | Status |
|-----|---|---|
| 1 | 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. Our all designs and drawings are approved by concerned state government department. Approval letter from GIDC and DISH are attached as Annexure 14 . |
| 2 | 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. The TSDF has 1000 KL fire water arrangement. 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 m ³ /Hr, 273 m ³ /Hr and 273 m ³ /Hr respectively. We have also membership of Disaster Prevention and Maintenance Center which is equipped with all requirements to meet any emergency. |
| 3 | 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. Full support is extended to the officers of 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. |
| 4 | In case of deviation or alteration in the project including the implementing agency, a fresh reference should be made to this ministry for | Complied. There has been no deviation or alteration in the project including the implementing agency. |

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| | 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. | 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 15 th October,2020. |
| 5 | 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. |
| 6 | 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. |
| 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. | 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 . |
| 8 | 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. |
| 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 | Complied. We have given advertisement in papers SANDESH (vernacular language) & THE INDIAN EXPRESS dated 22.03.2008 and same has attached as Annexure 16 . |
| 10 | 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. 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 41,000 sq. mt to mitigate the impacts on the overall air quality at the site. Additionally, after the closure and capping of SLF in phased manner will be total 75940 Sq.mt. Thus total 41.87% (14.68% + 27.19%) of total plot area is earmarked for development of green cover. The area available after capping of SLF in phased manner is given below: 6,500 m ² in Phase-I developed as garden 16000 no of Jatropha planted. 43,440 m ² in Phase-II under plantation. 10,000 m ² in Phase-III proposed after capping. Layout of green belt within the premises is attached as Annexure – 13. |

| (vi) | 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>Noted and complied.</p> <p>After Amendment the Water Requirement (717.4 KL/day for industrial purpose and 26 KLD for domestic purpose) is fulfilled by the GIDC water and from minimum usage of ground water borewell.</p> <p>Water Consumption data as per GIDC bill:</p> <table border="1" data-bbox="874 488 1473 913"> <thead> <tr> <th>Month</th> <th>Total Water Consumption, (KL) as per GIDC bill</th> <th>Per Day in KL</th> </tr> </thead> <tbody> <tr> <td>Apr-22</td> <td>3512</td> <td>117.06</td> </tr> <tr> <td>May-22</td> <td>4144</td> <td>133.67</td> </tr> <tr> <td>Jun-22</td> <td>3979</td> <td>132.62</td> </tr> <tr> <td>Jul-22</td> <td>4451</td> <td>143.58</td> </tr> <tr> <td>Aug-22</td> <td>4106</td> <td>132.45</td> </tr> <tr> <td>Sep-22</td> <td>3127</td> <td>104.23</td> </tr> </tbody> </table> | Month | Total Water Consumption, (KL) as per GIDC bill | Per Day in KL | Apr-22 | 3512 | 117.06 | May-22 | 4144 | 133.67 | Jun-22 | 3979 | 132.62 | Jul-22 | 4451 | 143.58 | Aug-22 | 4106 | 132.45 | Sep-22 | 3127 | 104.23 | | | |
|--------------|---|---|-------|--|---------------|--------|-------|--------|--------|-------|--------|--------|-------|--------|--------|-------|--------|--------|-------|--------|--------|-------|--------|--------------|--------------|--------------|
| Month | Total Water Consumption, (KL) as per GIDC bill | Per Day in KL | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr-22 | 3512 | 117.06 | | | | | | | | | | | | | | | | | | | | | | | | |
| May-22 | 4144 | 133.67 | | | | | | | | | | | | | | | | | | | | | | | | |
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| Sep-22 | 3127 | 104.23 | | | | | | | | | | | | | | | | | | | | | | | | |
| (vii) | The wastewater generation is limited to 312 KLD. | <p>Noted and complied.</p> <p>After Amendment, Wastewater generation is limited to 418.5 KLD and 26 KLD from domestic.</p> <p>Leachate Generation data (total leachate generation including Phase I, Phase II, phase-III and Phase IV):</p> <table border="1" data-bbox="874 1216 1473 1563"> <thead> <tr> <th>Month</th> <th>Per Day in KL</th> <th>Total in KL</th> </tr> </thead> <tbody> <tr> <td>Apr-22</td> <td>67.56</td> <td>2027</td> </tr> <tr> <td>May-22</td> <td>67.03</td> <td>2078</td> </tr> <tr> <td>Jun-22</td> <td>63.56</td> <td>1907</td> </tr> <tr> <td>Jul-22</td> <td>62.35</td> <td>1933</td> </tr> <tr> <td>Aug-22</td> <td>62.03</td> <td>1923</td> </tr> <tr> <td>Sep-22</td> <td>59.13</td> <td>1774</td> </tr> <tr> <td>Total</td> <td>63.97</td> <td>11642</td> </tr> </tbody> </table> | Month | Per Day in KL | Total in KL | Apr-22 | 67.56 | 2027 | May-22 | 67.03 | 2078 | Jun-22 | 63.56 | 1907 | Jul-22 | 62.35 | 1933 | Aug-22 | 62.03 | 1923 | Sep-22 | 59.13 | 1774 | Total | 63.97 | 11642 |
| Month | Per Day in KL | Total in KL | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr-22 | 67.56 | 2027 | | | | | | | | | | | | | | | | | | | | | | | | |
| May-22 | 67.03 | 2078 | | | | | | | | | | | | | | | | | | | | | | | | |
| Jun-22 | 63.56 | 1907 | | | | | | | | | | | | | | | | | | | | | | | | |
| Jul-22 | 62.35 | 1933 | | | | | | | | | | | | | | | | | | | | | | | | |
| Aug-22 | 62.03 | 1923 | | | | | | | | | | | | | | | | | | | | | | | | |
| Sep-22 | 59.13 | 1774 | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 63.97 | 11642 | | | | | | | | | | | | | | | | | | | | | | | | |
| (viii) | 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 tyre washing, dust suppression | <p>Noted and complied.</p> <p>Wastewater (Leachate) generated from the operation of Phase III is treated and recycled to minimize the usage of fresh water by reusing in gardening and dust suppression. Recently in Phase IV cell A is in operation.</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. No additional power is required. In case of power failure D.G. Set is being used (2×975 kVA capacity each). |
| (x) | Investment/Cost: The total cost of the project is Rs. 30 Crores. | Complied. The cost is within limits. Total expenditure (phase I, Phase II, Phase III, including Incinerator and MEE) till 01.04.2022 is 1,34,38,68,746. |
| (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. Water is being provided by GIDC for process purpose but when there is shortage of water, we use borewell water to meet our 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 borewellwater. We have provided monitoring wells at upstream (6 nos.) and downstream (6 nos.) of the TSDF. However, Up- Stream and Down Stream Monitoring wells have been provided and their Monitoring is done once in month by internally and through third party. An average of all the monitoring results of ground water results in and around the site are mentioned in Annexure-7 . 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. | Noted and complied. The proposed layout plan is 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. Existing site located inside notified industrial estate. We are monitoring Ambient Air & Noise level & All parameters are well within the limit. Analysis reports are attached as Annexure 4 and Annexure 6 . and average results are attached in Annexure 7 . |

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| (iv) | State of the art measures shall be adopted for odor control from the plant. | <p>Complied.</p> <p>Company has provided scrubber in stabilization & waste storage area to control odor. Company has also provided odor control system at incinerator plant. We have also provided double stage scrubber system (wet and dry) in incinerator plant to control odor. Adequate PPEs are provided to the workers for minimizing odor effects.</p> |
| (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. | <p>Complied.</p> <p>There is no dumping site. Waste received from the member industries are checked and treated/ directly go to the landfilling site.</p> <p>Existing Secured Landfill Phase 1 – after disposal of 601404.117 MT waste, was capped in March 2007. Phase 2 landfill operation started on 12th March 2007 and after disposal of 1775274 MT waste its capping is going on. Phase 3 started on May 2016 and after disposal of 1389672.268 MT waste its capping is going on. Phase 4 started on April 2022 and 58502.72 MT waste is disposed till June 2022. Waste excavation is not applicable. Secured Landfill are already being compacted and closed scientifically after reaching the design height.</p> |
| (vi) | Project Proponent shall develop green belt as committed | <p>Complied.</p> <p>Green belt is developed in total 41,000 sq. mt to mitigate the impacts on the overall air quality at the site. Additionally, after the closure and capping of SLF in phased manner will be total 75940 Sq.mt. Thus total 41.87% (14.68% + 27.19%) of total plot area is earmarked for development of green cover. The area available after capping of SLF in phased manner is given below:</p> <p>6,500 m² in Phase-I developed as garden 16000 no of Jatropha planted.</p> <p>43,440 m² in Phase-II under plantation. 10,000 m² in Phase-III proposed after capping.</p> <p>Layout of green belt within the premises is attached as</p> <p>Annexure – 13.</p> |

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| (vii) | The connectivity road to the side shall be as per IRC guidelines. | Not Applicable. This pertained to GIDC who has provided connectivity roads. |
| (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. | Not Applicable 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. |
| (ix) | The gas generated from the landfill facility shall be collected and disposed as per rules | Noted & complied. Gas generated of Existing site & under operation site is being monitored. 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-III. We are monitoring the vent pipes of landfill internally and almost all readings we are getting BDL. The records are maintained in the laboratory. Results are attached as Annexure 18 . |
| (x) | The proponent shall obtain necessary clearance from the Ground water Authority for the use of ground water. | Noted and complied. 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 . |
| (xi) | The depth of the Landfill site shall be decided based on the ground water table at the site. | Noted and 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. |
| (xii) | An On Site Emergency Management Plan shall be prepared and implemented. | Noted & complied. BEIL has prepared on site Emergency plan, and it is updated annually. On site emergency plan 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 is attached as Annexure-9 . |

| (xiii) | <p>All recommendations of the EMP shall be compiled 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. Summary of EMP Compliance is as below:</p> | <p>Complied.</p> <p>We are having our EMP plan which includes points such as, temporary storage of hazardous waste, loading and unloading of the hazardous waste, transportation of hazardous waste, final disposal of hazardous waste into secured landfill site, monitoring activity for water quality, air quality, soil quality, noise, socio – economic, fire safety, fire, health and safety, operation maintenance and closure of the facility, post closure facility etc.</p> <p>EMP Compliance is attached as Annexure 10.</p> | | | | | | | | | | | | | | | | | | |
|--------|---|---|---------------------------------------|---|-------------------|----|---------------------------------------|---|----|--------------------------------|--|----|-------------------------|---|----|---------------------|--|----|----------------------------|---|
| | | <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 443 dedicated vehicles equipped with 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, 3 leachate collections well for Phase III and for Phase-IV 3 nos. of leachate wells have been provided.</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 443 dedicated vehicles equipped with 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, 3 leachate collections well for Phase III and for Phase-IV 3 nos. of leachate wells have been provided. |
| | | 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 443 dedicated vehicles equipped with 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, 3 leachate collections well for Phase III and for Phase-IV 3 nos. of leachate wells have been provided. | | | | | | | | | | | | | | | | | | |

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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. | Complied. Environmental Monitoring program is implemented as per EIA-EMP report and guidelines prescribed by CPCB for Hazardous waste facilities. Monthly ground water monitoring to check & Periodical soil monitoring to check any contamination in and around the site is being carried out for Phase III also. Results are attached as Annexure 5 and Annexure 12 . And the average results are attached in Annexure 7 . |
| (xv) | The Leachate from the facility shall be collected and treated to meet the prescribed standards before disposal. | Complied. A well-designed leachate collection system is developed. There is provision of 6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III. for Phase-IV 3 nos. of leachate well have been provided. Leachate is collected and either treated at the Multiple Effect Evaporation Plant in the premises or sent to CETP (M/S Enviro Technology Limited) for treatment and disposal. For the period April'22 to Sep'22: 11642 KL leachate treated in MEE plant. The leachate treatment data is submitted to GPCB along with monthly report and quarterly Protocol. |
| (xvi) | Rainwater runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant | Complied. Separate provision for storm water runoff has been provided surrounding the landfill and other areas, which leads to GIDC drainage. Storm water is discharged in GIDC drainage line only once its analysis is carried out and results are found satisfactory. If results are not found satisfactory then the rainwater runoff from storm water drain is collected and treated in MEE/ETL as per our CCA. |
| (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. | Not Applicable. 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 10 th December, 2014. |

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| (xviii) | The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report so also | Complied. | | | |
| | | We are having our EMP plan which includes points such as, temporary storage of hazardous waste, loading and unloading of the hazardous waste, transportation of hazardous waste, final disposal of hazardous waste into secured landfill site, monitoring activity for water quality, air quality, soil quality, noise, socio – economic, fire safety, fire, health and safety, operation maintenance and closure of the facility, post closure facility etc. EMP Compliance is attached as Annexure 10 . Summary of EMP Compliance is as below: | | | |
| | | 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 443 dedicated vehicles equipped with 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, 3 leachate collections well for Phase III and for Phase-IV 3 nos. of leachate wells have been provided. | | | |

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. | <p>Complied.</p> <p>Company have separate Environmental Management cell. General Manager, manager – Environment, Environmental lab head, are directly reporting to Chief executive officer and Director.</p> <p>Details of the persons engaged in the Environment cell are as below:</p> <ol style="list-style-type: none">1. Mr. Manoj Patel: VP– Operation (BE Civil)2. Ms. Rakshita Vyas – Sr. Manager- Env. (PGD- Environment)3. Mr. Satish Gaddam: Head, Environment Laboratory4. Bhoomi Tambda: Sr. officer- Environment (BE -Environment)5. Krishna Ichhapuria: Officer- Environment (BE Environment)6. Foram Patel: Officer- Environment (ME- Environment) <p>Corporate Environment Cell:</p> <ol style="list-style-type: none">1. Mr. B.D. Dalwadi - CEO - (BE – Chemical)2. Dr. P N Parameswaran: Advisor – Environment (PhD 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. | <p>Complied.</p> <p>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.</p> |
| (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 | 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. | Noted. | | | | | | | | | | | | | | | |
|---------|---|---|---------|-----------|-------------------|----|---------------------------------------|---|----|--------------------------------|--|----|-------------------------|---|----|---------------------|--|
| (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> <p>We are having our EMP plan which includes points such as, temporary storage of hazardous waste, loading and unloading of the hazardous waste, transportation of hazardous waste, final disposal of hazardous waste into secured landfill site, monitoring activity for water quality, air quality, soil quality, noise, socio – economic, fire safety, fire, health and safety, operation maintenance and closure of the facility, post closure facility etc.</p> <p>EMP Compliance is attached as Annexure 10.</p> <table border="1" data-bbox="520 1037 1530 2179"> <thead> <tr> <th data-bbox="520 1037 683 1077">Sr. No.</th> <th data-bbox="683 1037 1023 1077">Condition</th> <th data-bbox="1023 1037 1530 1077">Compliance Status</th> </tr> </thead> <tbody> <tr> <td data-bbox="520 1077 683 1249">1.</td> <td data-bbox="683 1077 1023 1249">Temporary storage for hazardous waste</td> <td data-bbox="1023 1077 1530 1249">Complied. Temporary storage of hazardous waste for monsoon period has been provided.</td> </tr> <tr> <td data-bbox="520 1249 683 1422">2.</td> <td data-bbox="683 1249 1023 1422">Loading and unloading of waste</td> <td data-bbox="1023 1249 1530 1422">Complied. Adequate facility and equipment for unloading of waste has been provided.</td> </tr> <tr> <td data-bbox="520 1422 683 1928">3.</td> <td data-bbox="683 1422 1023 1928">Transportation of waste</td> <td data-bbox="1023 1422 1530 1928">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 443 dedicated vehicles equipped with GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.</td> </tr> <tr> <td data-bbox="520 1928 683 2179">4.</td> <td data-bbox="683 1928 1023 2179">Monitoring activity</td> <td data-bbox="1023 1928 1530 2179">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> </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 443 dedicated vehicles equipped with 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. |
| 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 443 dedicated vehicles equipped with 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, 3 leachate collections well for Phase III and for Phase-IV 3 nos. of leachate wells have been provided. | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|--|------------------------|------------------------|-------------|-----|-------|-------------|--------|--------|-------------|--------|--------|-------------|--------|--------|-------------|---------|--------|--|
| (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 | Complied. A separate account is maintained for environment protection and the cumulative amount till Sep'22 is 1739.02 Lac . These funds are not diverted for any other activity. Year wise expenditure on environmental protection is as below. | | | | | | | | | | | | | | | | | | | | |
| | | | <table border="1"> <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>1283.99</td> <td>171.03</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 | 1283.99 | 171.03 | |
| 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 | 1283.99 | 171.03 | | | | | | | | | | | | | | | | | | | | |
| 5. | The above stipulations would be enforced 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. | | | Complied. We have obtained CTE vide letter no. GPCB/ CCA – BRCH – 167 (16)/ID – 14983/ 361331 dtd. 01.07.2017 to add capacity of Landfill as Phase # 3 at existing site & is in operation. GPCB 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. We are having PLI policy which is renewed yearly under the Public Liability (Insurance) Act, 1991. | | | | | | | | | | | | | | | | | | |
| 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. | | | Complied. Existing site is in notified GIDC area and already have applicable clearance/permissions from respective authority. Permission of Fire Department, 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. | | | | | | | | | | | | | | | | | | |

| | | |
|-----|---|--|
| 7. | <p>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.</p> <p>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> | <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> |
| 8. | <p>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.</p> | <p>Not Applicable as it is located inside notified industrial estate.</p> |
| 9. | <p>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</p> | <p>Not applicable.</p> |
| 10. | <p>Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.</p> | <p>Complied.</p> <p>The EC Compliance has been uploaded on the Company Website.</p> |
| 11. | <p>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.</p> | <p>Complied.</p> <p>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.</p> <p>The Clearance Letter has been uploaded on the Company Website.</p> |

| | | |
|-----|---|---|
| 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 theSPCB. | 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 theSPCB. | Complied. 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'22 was submitted on 27.06.22. |
| 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. We are submitting Form –V (Environmental Statement) every financial year and it is displaying on website. Last Form – V (period 2021 - 22) submitted is attached as Annexure 22. |
| 15. | This issues with the prior approval of the Competent Authority. | Noted. |

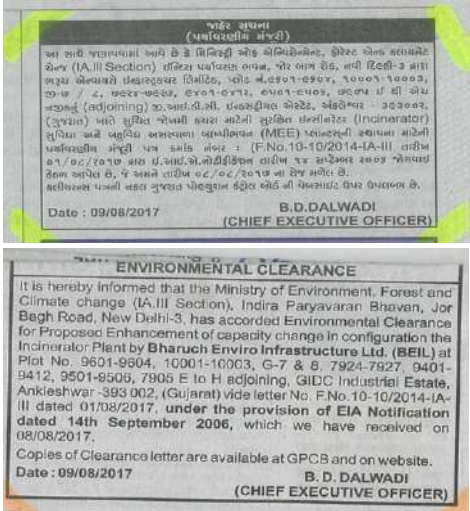
Compliance Status of Environmental Clearance EC# F.No.10-10/2014-IA.III for Enhancement of capacity change in configuration of the incinerator installed at Common Hazardous waste Treatment, Storage and Disposal Facility (TSDF) at plot No. 9601-9604, 10001-10003, G-7 & 8, 7924-7927, 9401-9412, 9501-9506, 7905 E to H adjoining Gujarat

Industrial Development Corporation (GIDC) Industrial Estate, Ankleshwar, District Bharuch (Gujarat) by M/s BEIL Infrastructure Ltd. Dated 01.08.2017

Environmental Clearance No. F. 10-10/2014-IA.III dated 1st August 2017.

2. The proposal for grant of Environmental clearance to the project “Enhancement of capacity change in configuration of the incinerator installed 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 BEIL Infrastructure Limited was considered by the Expert Appraisal Committee (infra-2) in its meeting held on 25th-27th May, 2017

We would like to bring to your attention that this EC # F. 10-10/2014-IA.III dated 1st August 2017, for change in configuration of incinerator, is temporarily on hold. We shall comply with the conditions stipulated once the EC is implemented. However, we have complied the following conditions.

| Condition No. | Observation/Conditions as per Environmental Clearance No. F. 10-10/2014-IA.III dated 1st August 2017 | Status of compliance of EC Conditions |
|---------------|---|---|
| 6 | <p>The project proponent should advertise at least in two local newspapers widely circulated in the region around the project one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Gujarat State Pollution Control Board and may also be seen at website of the ministry of environment & forests 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> | <p>Complied.</p> <p>We have given advertisement in papers SANDESH & THE TIMES OF INDIA dated 09.08.2017.</p>  |

| | | |
|----|---|---|
| 10 | <p>A copy of the clearance letter shall be sent by the proponent to concerned panchayat, Zilla Parisad, 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.</p> | <p>Complied.</p> <p>We had marked the copy of the clearance letter to all the concerned dated 12.08.2017 and recorded. Same has also uploaded on our company website. The same is attached as Annexure 23.</p> |
|----|---|---|

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 BEIL 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 31st 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. | Noted. |
| (viii) | Supply source: Gujarat Electricity Board (GEB). In case of power failure, D.G. Set can be used (2 nos 975KVA capacity each) | Noted. |
| (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. |
| (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 green belt and other forms of greenery. Total Rs.10 Lakhs shall be spent for green development within premises. | Complied. Green belt is developed in total 41,000 sq. mt to mitigate the impacts on the overall air quality at the site. Additionally, after the closure and capping of SLF in phased manner will be total 75940 Sq.mt. Thus total 41.87% (14.68% + 27.19%) of total plot area is earmarked for development of green cover. The area available after capping of SLF in phased manner is given below: 6,500 m ² in Phase-I developed as garden 16000 no of Jatropha planted. 43,440 m ² in Phase-II under plantation. 10,000 m ² in Phase-III proposed after capping. Layout of green belt within the premises is attached as Annexure – 13. |

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 (CHWT SDF) 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 (Phase IV) 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 51st meeting held during 21-22 May, 2020 and thereafter in its 54th 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:-: | Noted. |
| 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 | Noted. |
| ii. | The Environmental Clearance for enhancement in capacity 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 M ³ 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. | 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: | Noted. |

| | <table border="1"> <tr> <td>Phase II</td> <td>Phase III</td> <td>Phase IV</td> </tr> <tr> <td>Total Site Area = 69 acre. (2,79,233.33 Sq. Meters)= 27.92 ha</td> <td>Total Site Area = 69 acre. (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>Available space: 8,90,000 m³</td> </tr> </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 acre. (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 m³ | | | | | | | | | | | | | | | | | |
|--|--|--|------------------|--|--|---|---|--------|--------|------|--------|--------|------|--------|--------|------|--------|--------|------|--------|--------|------|--------|--|
| Phase II | Phase III | Phase IV | | | | | | | | | | | | | | | | | | | | | | |
| Total Site Area = 69 acre. (2,79,233.33 Sq. Meters)= 27.92 ha | Total Site Area = 69 acre. (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 m³ | | | | | | | | | | | | | | | | | | | | | | |
| v. | <p>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> | <p>Noted and complied. After Amendment the Water Requirement (717.4 KL/day for industrial purpose and 26 KLD for domestic purpose) is fulfilled by the GIDC water and from minimum usage of ground water borewell. Water Consumption data as per GIDC bill:</p> <table border="1"> <thead> <tr> <th>Month</th> <th>Total Water Consumption, (KL) as per GIDC bill</th> <th>Per Day in KL</th> </tr> </thead> <tbody> <tr> <td>Apr-22</td> <td>3512</td> <td>117.06</td> </tr> <tr> <td>May-22</td> <td>4144</td> <td>133.67</td> </tr> <tr> <td>Jun-22</td> <td>3979</td> <td>132.62</td> </tr> <tr> <td>Jul-22</td> <td>4451</td> <td>143.58</td> </tr> <tr> <td>Aug-22</td> <td>4106</td> <td>132.45</td> </tr> <tr> <td>Sep-22</td> <td>3127</td> <td>104.23</td> </tr> </tbody> </table> | Month | Total Water Consumption, (KL) as per GIDC bill | Per Day in KL | Apr-22 | 3512 | 117.06 | May-22 | 4144 | 133.67 | Jun-22 | 3979 | 132.62 | Jul-22 | 4451 | 143.58 | Aug-22 | 4106 | 132.45 | Sep-22 | 3127 | 104.23 | |
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| Sep-22 | 3127 | 104.23 | | | | | | | | | | | | | | | | | | | | | | |
| vi. | <p>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.</p> | Complied. | | | | | | | | | | | | | | | | | | | | | | |
| vii. | <p>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.</p> | Noted. | | | | | | | | | | | | | | | | | | | | | | |

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| 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. | Noted. |
| 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. | Noted. |
| 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 | Noted. |

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| | submitted by Project Proponent towards observations of the EAC. | |
| 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 odour 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> <p>After Amendment the Water Requirement (717.4 KL/day for industrial purpose and 26 KLD for domestic purpose) is fulfilled by the GIDC water and from minimum usage of ground water borewell.</p> <p>Water Consumption data as per GIDC bill:</p> <table border="1"> <thead> <tr> <th>Month</th> <th>Total Water Consumption, (KL) as per GIDC bill</th> <th>Per Day in KL</th> </tr> </thead> <tbody> <tr> <td>Apr-22</td> <td>3512</td> <td>117.06</td> </tr> <tr> <td>May-22</td> <td>4144</td> <td>133.67</td> </tr> <tr> <td>Jun-22</td> <td>3979</td> <td>132.62</td> </tr> <tr> <td>Jul-22</td> <td>4451</td> <td>143.58</td> </tr> <tr> <td>Aug-22</td> <td>4106</td> <td>132.45</td> </tr> <tr> <td>Sep-22</td> <td>3127</td> <td>104.23</td> </tr> </tbody> </table> | Month | Total Water Consumption, (KL) as per GIDC bill | Per Day in KL | Apr-22 | 3512 | 117.06 | May-22 | 4144 | 133.67 | Jun-22 | 3979 | 132.62 | Jul-22 | 4451 | 143.58 | Aug-22 | 4106 | 132.45 | Sep-22 | 3127 | 104.23 |
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| Sep-22 | 3127 | 104.23 | | | | | | | | | | | | | | | | | | | | | |
| 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 | <p>Noted and complied.</p> <p>After Amendment, Wastewater generation is limited to 418.5 KLD and 26 KLD from domestic.</p> <p>Leachate Generation data (total leachate generation including Phase I, Phase II, phase-III and Phase IV):</p> | | | | | | | | | | | | | | | | | | | | | |

| | used whenever entire MEE plant is put in maintenance as per SOP. | <table border="1"> <thead> <tr> <th>Month</th> <th>Per Day in KL</th> <th>Total in KL</th> </tr> </thead> <tbody> <tr> <td>Apr-22</td> <td>67.56</td> <td>2027</td> </tr> <tr> <td>May-22</td> <td>67.03</td> <td>2078</td> </tr> <tr> <td>Jun-22</td> <td>63.56</td> <td>1907</td> </tr> <tr> <td>Jul-22</td> <td>62.35</td> <td>1933</td> </tr> <tr> <td>Aug-22</td> <td>62.03</td> <td>1923</td> </tr> <tr> <td>Sep-22</td> <td>59.13</td> <td>1774</td> </tr> <tr> <td>Total</td> <td>63.97</td> <td>11642</td> </tr> </tbody> </table> | Month | Per Day in KL | Total in KL | Apr-22 | 67.56 | 2027 | May-22 | 67.03 | 2078 | Jun-22 | 63.56 | 1907 | Jul-22 | 62.35 | 1933 | Aug-22 | 62.03 | 1923 | Sep-22 | 59.13 | 1774 | Total | 63.97 | 11642 |
|--------------|---|--|-------|---------------|-------------|--------|-------|------|--------|-------|------|--------|-------|------|--------|-------|------|--------|-------|------|--------|-------|------|--------------|--------------|--------------|
| Month | Per Day in KL | Total in KL | | | | | | | | | | | | | | | | | | | | | | | | |
| Apr-22 | 67.56 | 2027 | | | | | | | | | | | | | | | | | | | | | | | | |
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| Jul-22 | 62.35 | 1933 | | | | | | | | | | | | | | | | | | | | | | | | |
| Aug-22 | 62.03 | 1923 | | | | | | | | | | | | | | | | | | | | | | | | |
| Sep-22 | 59.13 | 1774 | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 63.97 | 11642 | | | | | | | | | | | | | | | | | | | | | | | | |
| v. | As proposed total greenbelt at 36.14% (14.68% existing + 21.46% capped SLF area) of total plot area shall be maintained. | <p>Complied.</p> <p>Green belt is developed in total 41,000 sq. mt to mitigate the impacts on the overall air quality at the site. Additionally, after the closure and capping of SLF in phased manner will be total 75940 Sq.mt. Thus total 41.87% (14.68% + 27.19%) of total plot area is earmarked for development of green cover. The area available after capping of SLF in phased manner is given below:</p> <p>6,500 m2 in Phase-I developed as garden 16000 no of Jatropha planted.</p> <p>43,440 m2 in Phase-II under plantation. 10,000 m2 in Phase-III proposed after capping.</p> <p>Layout of green belt within the premises is attached as Annexure – 13.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | <p>Complied.</p> <p>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.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | | | | | | | | | | | | |

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| 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 Evaluation 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. We have 12 monitoring wells installed in existing site. We are carrying out Monitoring of ground water and soil regularly. |
| 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. | Complied. We have carried out trend analysis of ground water results through NPC New Delhi. |
| 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 | Complied. We are carrying out Ambient Air quality Monitoring in and around the premises covering upwind and downwind directions. |
| 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. | 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. |

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| 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 Swachh 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. | Noted and shall be complied. |
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| B. Standard Condition: | | |
| I. Statutory Compliance: | | |
| 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 a WHRB attached to our Incinerator plant from which we are using the steam generated in our MEE plant. |
| 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. |
| 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. Existing site is in notified GIDC area and already have applicable clearance/permissions from respective authority. Permission of Fire Department, Civil Aviation Department, etc. is not required as our existing site is already in notified GIDC area. |

| I. Air quality monitoring and preservation: | | |
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| 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. 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. |
| 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. We are carrying out Ambient Air Monitoring in and around the premises at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions. |
| 4. | Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions. | Complied. |
| 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 monitoring 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 | Complied. We have already provided appropriate air pollution control system in our existing plant. |

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| | for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards. | |
| 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. |
| 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 very low. |
| 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. |

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). | Not Applicable |

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| 3. | The depth of the land fill site shall be decided based on the ground water table at the site. | Noted and 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. | Shall be 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. | Shall be complied. We have received CTE (no.115466 dated 10.11.21) for ETP (MAP+ RO) capacity of 150 KLD. |
| 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. | Shall be complied. |
| 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. | Shall be complied. |
| 8. | Rain water runoff from hazardous waste storage area shall be collected and treated in the effluent treatment plant | Shall be 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 (once in the month from April'20) of noise level etc. as per norms laid down by CPCB. |

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| 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 night time. | Noted and complied. |
| 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 TTFs 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. | Noted and complied. |
| 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 | | |
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| 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 41,000 sq. mt to mitigate the impacts on the overall air quality at the site. Additionally, after the closure and capping of SLF in phased manner will be total 75940 Sq.mt. Thus total 41.87% (14.68% + 27.19%) of total plot area is earmarked for development of green cover. The area available after capping of SLF in phased manner is given below: 6,500 m2 in Phase-I developed as garden 16000 no of Jatropha planted. 43,440 m2 in Phase-II under plantation. 10,000 m2 in Phase-III proposed after capping. Layout of green belt within the premises is attached as Annexure – 13. |
| 2. | Topsoil shall be separately stored and used in the development of green belt. | Noted and shall be complied. |
| VII. Public hearing and Human health issues: | | |
| 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 inward letter copy is attached as Annexure 9. |
| 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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| <p>1.</p> | <p>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.</p> | <p>Noted and shall be complied.</p> |
| <p>2.</p> | <p>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> | <p>Complied. Company have separate Environmental Management cell. Vice president (VP) – Operation, Environmental lab head, are directly reporting to Chief executive officer and Director. Details of the persons engaged in the Environment cell are as below: 1. Mr. Manoj Patel: VP – Operation (BE Civil) 2. Ms. Rakshita Vyas – Sr. Manager- Env. (PGD-Environment) 3. Mr. Satish Gaddam: Head, Environment Laboratory 4. Bhoomi Tambedia: Sr. officer- Environment (BE Environment) 5. Krishna Ichhapuria: Environment officer (BE Environment) 6. Foram Patel: Environment officer (ME Environment) 7. officer (ME Environment)</p> |

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| | | Corporate Environment Cell: 1. Mr. B.D. Dalwadi - CEO -(BE – Chemical) 2. Dr. P N Parameswaran: Advisor – Environment (PhD 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 a 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. | Complied. EMP Compliance is attached as Annexure – 10. 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. | Complied. Environment Audit has been done every year by third party. |
| 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. | Complied. 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. |
| 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. | Noted and shall be complied. |

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| 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. | Noted and shall be 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 | Noted and shall be complied. - |
| vi. | The criteria pollutant levels namely; PM2.5 PM10, SO2, NOx (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 online board beside our main entry gate which contain ambient, stack and leachate details. - |
| 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 also that during their presentation to the Expert Appraisal Committee. | Complied |
| 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. | Complied. We are having PLI policy which is renewed yearly under the Public Liability Insurance Act, 1991. We have obtained EC to CTE vide letter No. CTE – 46222 dated 30.07.21 |
| 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. | Not applicable. |
| 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 | | |
|--|---|--|
| Sr. no | 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. | Existing site (jointly identified) |
| 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. The designs are approved by IIT Delhi. Drawings are submitted to GPCB. Compliance of the central pollution control board guidelines is 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 . |
| 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. - | | |
|--|--|--|
| Sr. no | Rule | Status |
| 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. |
| 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. 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. 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 the receiver on whose behalf the transport is being arranged. | Complied. We have authorized vehicle which are equipped with GPS system and are being used for Transportation of Hazardous waste from member Industries to TSDF |

Compliance of CPCB Criteria for Hazardous waste landfill

| Sr. No. | Conditions | Status |
|---------|---|--|
| 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 belowthe base | <p>Complied. 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), Kondhki Khadi. • Nearest village is at about 1.2 km (ENE), Jitali. • Nearest airport is at about 63 km (SW), Surat. • Nearest highway is at about 5 km (W), NH No.8. |
| 2. | <p align="center">Planning And Design criteria:</p> <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. 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 shall be provided, which further send to MEE or ETP (after commissioning) for treatment. Adequate nos. of vents has been provided for gas collection and 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 areas (covered with roof). During this period and the landfill may be kept | <p>Complied. Landfill site operation is being suspended during the 4 months of monsoon. We have separate storage shed.</p> |

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| <p>capped with final cover/ intermediate cover and landfill operations suspended to reduce infiltration of rainwater into the landfill.</p> | <p>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> |
| <p>3. Liner system:</p> <ul style="list-style-type: none"> - Leachate control within a landfill involves the following steps: (a) Prevention of migration of leachate from landfill sides and landfill base to the subsoil by suitable liner system; and (b) 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 (after commissioning) 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 has been closed and covered with vegetation layer with enhanced surface drainage system. • Phase-II is Partially covered as per Guidelines. • 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. | <p>Complied. All the facilities like site entrance and fencing, administration, site control offices, access roads, waste inspection, sampling facility,</p> |

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| | <ul style="list-style-type: none"> - Signs and Directions - Water Supply - Lighting - Vehicle Cleaning Facility - Fire Fighting Equipment | <p>water supply, lightings, vehicle cleaning facility, firefighting equipment, signs and directions etc., have been provided.</p> |
| | 8. Environment Monitoring System: | <p>Complied.</p> <ul style="list-style-type: none"> • Regular monitoring of leachate quality, air quality, and noise is being carried out. • Monitoring of ground water, leachate, VOC generation, ambient air monitoring, noise monitoring has been conducted on regular basis. |
| | 9. Closure and post closure maintenance plan: | <p>Complied.</p> <p>Phase I has been closed and covered with vegetation layer with enhanced surface drainage system. Phase-II is Partially covered as per Guidelines. Currently Phase-IV is in Operation.</p> |
| 3. | Waste Acceptance Criteria | <p>Complied.</p> <p>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.</p> <p>Proper facilities 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.</p> <p>Regular inspections of liners, and covers was being conducted during construction phase of landfill. Adequate environmental monitoring system has been provided.</p> |

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| 6. | Financial Assurance Criteria | Complied. We are regularly maintaining E-screw account for financial assurance criteria to meet closure and post closure activity of the landfill. |
| 7. | Contingency Plan for Emergency | Complied. We are having onsite emergency plan, which is updated on yearly basis and submitted to GPCB, RO. |

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 salt shall be proposed at land filling site at BEIL. | Complied. Wastewater generated from Quencher (evaporative cooler) & wet scrubber of incinerator is not exceeding than consent limit. Which is being sent to CETP of M/s ETL Ankleshwar for treatment OR is being treated in an |
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| | | evaporation system at site and generated salt is being dumped at BEIL. |
| 2 | The quantity of the domestic wastewater (sewage) shall be nil. | Complied. The quantity of the domestic waste water is nil. |
| 3 | The applicant shall operate the incinerator at a temperature at $1100^{\circ}\text{C} \pm 100^{\circ}$ 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 $1200^{\circ}\text{C} \pm 100^{\circ}\text{C}$. | Complied. We are operating the incinerator at a temperature at $1100^{\circ}\text{C} \pm 100^{\circ}\text{C}$ 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 $1200^{\circ}\text{C} \pm 100^{\circ}\text{C}$. |
| 4 | 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. | Complied. We have made storage facilities to store the effluent for at least 48 hours by providing acid proof brick lined 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 pipe line 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. |

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| 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 | |

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|----|--|-----------|
| 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 shut-down 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 |

| | | |
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| 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 |

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|----|--|--|--|-----------|
| 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. | | |
|------------------------------|---|---------------------------------------|
| <u>PARAMETERS</u> | <u>PERMISSIBLE LIMIT</u> | |
| 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. | Complied. |
| 28 | The Fly ash generated from incinerator will be collected & disposed off in TSDF of BEIL | Complied. |

CONDITIONS UNDER HAZARDOUS WASTE:

| | | |
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| 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 waste water 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. |

| | | |
|----|---|---------------------|
| | 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. |



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT



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Page: 1 of 2

Barcode Id 6e5df5802c Report No/Sample ID TC814122000001211F Report Date 21-Apr-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-4) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | ON THE ROOF OF INCINERATION PLANT- | Sample Received Date: | 08-Apr-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 09-Apr-2022 |
| Fuel: | -- | Analysis Completion Date: | 21-Apr-2022 |
| Sampling Start Date & Time: | 03-Apr-2022 12:00 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 04-Apr-2022 12:00 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m3 | 72 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m3 | 32.11 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m3 | 52.58 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m3 | 21.34 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m3 | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m3 | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M3 | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M3 | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m3 | 13.61 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m3 | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |



BEIL INFRASTRUCTURE LIMITED

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Page: 2 of 2

Barcode Id 6e5df5802c Report No/Sample ID TC814122000001211F Report Date 21-Apr-22

Remarks:

----- END OF REPORT -----

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

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Barcode Id 13f54da61b Report No/Sample ID TC814122000001208F Report Date 21-Apr-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR (STATION-1) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | ON THE ROOF OF LABORATORY | Sample Received Date: | 08-Apr-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 09-Apr-2022 |
| Fuel: | -- | Analysis Completion Date: | 21-Apr-2022 |
| Sampling Start Date & Time: | 03-Apr-2022 11:30 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 04-Apr-2022 11:30 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m3 | 80 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m3 | 33.23 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m3 | 20.58 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m3 | 11.80 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m3 | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m3 | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M3 | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M3 | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m3 | 14.4 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m3 | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |



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Barcode Id 13f54da61b Report No/Sample ID TC814122000001208F Report Date 21-Apr-22

Remarks:

-----END OF REPORT-----

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

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Barcode Id b31018640d Report No/Sample ID TC814122000001209F Report Date 21-Apr-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-2) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | OPP.OF C6LW4 | Sample Received Date: | 08-Apr-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 09-Apr-2022 |
| Fuel: | -- | Analysis Completion Date: | 21-Apr-2022 |
| Sampling Start Date & Time: | 03-Apr-2022 13:00 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 04-Apr-2022 13:00 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m3 | 79 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m3 | 38.16 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m3 | 26.26 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m3 | 15.31 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m3 | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m3 | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M3 | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M3 | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m3 | 12.61 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m3 | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |



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Barcode Id b31018640d Report No/Sample ID TC814122000001209F Report Date 21-Apr-22

Remarks:

-----END OF REPORT-----

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)
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Barcode Id 7cffb8a9ab Report No/Sample ID TC814122000001210F Report Date 21-Apr-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-3) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | P.P PLANT NEAR SECURITY TOWER | Sample Received Date: | 08-Apr-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 09-Apr-2022 |
| Fuel: | -- | Analysis Completion Date: | 21-Apr-2022 |
| Sampling Start Date & Time: | 03-Apr-2022 12:30 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 04-Apr-2022 12:30 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m3 | 68 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m3 | 28.47 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m3 | 39.74 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m3 | 10.81 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m3 | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m3 | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M3 | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M3 | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m3 | 15.36 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | GO (AIR) | mg/m3 | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |



BEIL INFRASTRUCTURE LIMITED

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Barcode Id 7cffb8a9ab · Report No/Sample ID TC81412200001210F Report Date 21-Apr-22

Remarks:

-----END OF REPORT-----

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)
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Barcode Id bd6cdc88b5 Report No/Sample ID TC814122000001720F Report Date 28-May-22

| | | | |
|-----------------------------|--|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR (STATION-1) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | ON THE ROOF OF LABORATORY | Sample Received Date: | 11-May-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 13-May-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-May-2022 |
| Sampling Start Date & Time: | 04-May-2022 10:30 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 05-May-2022 10:30 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---|-------------------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m ³ | 81 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m ³ | 35.15 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m ³ | 32.74 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m ³ | 28.26 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m ³ | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m ³ | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21, 23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M ³ | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M ³ | < 0.5 | 20 | IS 5182 (Part 26) :202C |
| 9 | Benzene C ₆ H ₆ (Air) | µg/m ³ | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M ³ | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m ³ | 12.80 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m ³ | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |



BEIL INFRASTRUCTURE LIMITED

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Page: 2 of 2

Barcode Id bd6cdc88b5 Report No/Sample ID TC814122000001720F Report Date 28-May-22

Remarks:

----- END OF REPORT -----

For BEIL Infrastructure Ltd.

R. Sathish Kumar
AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

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Barcode Id 48c0e2d0e2 Report No/Sample ID TC81412200001721F Report Date 28-May-22

| | | | |
|-----------------------------|--|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-2) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | OPP.OF C6LW4 | Sample Received Date: | 11-May-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 13-May-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-May-2022 |
| Sampling Start Date & Time: | 04-May-2022 12:00 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 05-May-2022 12:00 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m3 | 72 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m3 | 28.54 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m3 | 42.42 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m3 | 11.32 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m3 | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m3 | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M3 | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M3 | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQM,3-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m3 | 16.44 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m3 | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |

Regd. office & Works Office: Plot No 9701-16, G.I.D.C. Estate, Post Box No 82, Ankleshwar - 393002, Dist - Bharuch (Gujarat)

Tel: (02646) 253135, 225228 | Fax: (02646) 222849 | E-Mail: sathish.gaddam@beil.co.in, meghparadt@beil.co.in

CIN NO : U45300GJ1997PLC032696

Terms & Condition are on backside



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)
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Barcode Id 48c0e2d0e2 Report No/Sample ID TC814122000001721F Report Date 28-May-22

Remarks:

----- END OF REPORT -----

For BEIL Infrastructure Ltd.

Meghparadt
AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)
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Barcode Id 98b404fc38 Report No/Sample ID TC814122000001722F Report Date 28-May-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-3) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | P.P PLANT NEAR SECURITY TOWER | Sample Received Date: | 11-May-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | -- | Analysis Start Date: | 13-May-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-May-2022 |
| Sampling Start Date & Time: | 04-May-2022 11:30 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 05-May-2022 11:30 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---|-------------------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m ³ | 69 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m ³ | 25.41 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m ³ | 19.63 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m ³ | 14.17 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m ³ | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m ³ | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M ³ | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M ³ | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C ₆ H ₆ (Air) | µg/m ³ | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M ³ | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m ³ | 27.26 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m ³ | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT



TC-8141

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ISO 14001 & ISO 45001 Certified Laboratory

Page: 2 of 2

Barcode Id 98b404fc38 Report No/Sample ID TC814122000001722F Report Date 28-May-22

Remarks:

----- 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



TC-8141

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Page: 1 of 2

Barcode Id 36dff670d8 Report No/Sample ID TC814122000001723F Report Date 28-May-22

| | | | |
|-----------------------------|--|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-4) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | ON THE ROOF OF INCINERATION PLANT- | Sample Received Date: | 11-May-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 13-May-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-May-2022 |
| Sampling Start Date & Time: | 04-May-2022 11:00 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 05-May-2022 11:00 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---|-------------------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m ³ | 76 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m ³ | 29.88 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m ³ | 46.36 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m ³ | 15.48 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m ³ | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m ³ | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21, 23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M ³ | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M ³ | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C ₆ H ₆ (Air) | µg/m ³ | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M ³ | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m ³ | 14.38 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m ³ | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |



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Barcode Id 36dff670d8 Report No/Sample ID TC814122000001723F Report Date 28-May-22

Remarks:

----- END OF REPORT -----

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



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(Formerly known as Bharuch Enviro Infrastructure Ltd.)
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Barcode Id bd6cdc88b5 Report No/Sample ID TC814122000001720F Report Date 28-May-22

| | | | |
|-----------------------------|--|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR (STATION-1) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | ON THE ROOF OF LABORATORY | Sample Received Date: | 11-May-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 13-May-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-May-2022 |
| Sampling Start Date & Time: | 04-May-2022 10:30 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 05-May-2022 10:30 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---|-------------------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m ³ | 81 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m ³ | 35.15 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m ³ | 32.74 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m ³ | 28.26 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m ³ | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m ³ | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21, 23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M ³ | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M ³ | < 0.5 | 20 | IS 5182 (Part 26) :202C |
| 9 | Benzene C ₆ H ₆ (Air) | µg/m ³ | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M ³ | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m ³ | 12.80 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m ³ | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |



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Barcode Id bd6cdc88b5 Report No/Sample ID TC814122000001720F Report Date 28-May-22

Remarks:

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For BEIL Infrastructure Ltd.

R. Sathish Kumar
AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

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Barcode Id 48c0e2d0e2 Report No/Sample ID TC81412200001721F Report Date 28-May-22

| | | | |
|-----------------------------|--|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-2) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | OPP.OF C6LW4 | Sample Received Date: | 11-May-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 13-May-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-May-2022 |
| Sampling Start Date & Time: | 04-May-2022 12:00 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 05-May-2022 12:00 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m3 | 72 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m3 | 28.54 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m3 | 42.42 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m3 | 11.32 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m3 | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m3 | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M3 | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M3 | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQM,3-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m3 | 16.44 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m3 | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |

Regd. office & Works Office: Plot No 9701-16, G.I.D.C. Estate, Post Box No 82, Ankleshwar - 393002, Dist - Bharuch (Gujarat)

Tel: (02646) 253135, 225228 | Fax: (02646) 222849 | E-Mail: sathish.gaddam@beil.co.in, meghparadt@beil.co.in

CIN NO : U45300GJ1997PLC032696

Terms & Condition are on backside



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Barcode Id 48c0e2d0e2 Report No/Sample ID TC814122000001721F Report Date 28-May-22

Remarks:

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For BEIL Infrastructure Ltd.

Meghparadt
AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

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Barcode Id 98b404fc38 Report No/Sample ID TC814122000001722F Report Date 28-May-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-3) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | P.P PLANT NEAR SECURITY TOWER | Sample Received Date: | 11-May-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | -- | Analysis Start Date: | 13-May-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-May-2022 |
| Sampling Start Date & Time: | 04-May-2022 11:30 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 05-May-2022 11:30 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m3 | 69 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m3 | 25.41 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m3 | 19.63 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m3 | 14.17 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m3 | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m3 | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M3 | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M3 | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m3 | 27.26 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m3 | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |



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Barcode Id 98b404fc38 Report No/Sample ID TC814122000001722F Report Date 28-May-22

Remarks:

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For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

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Barcode Id 36dff670d8 Report No/Sample ID TC814122000001723F Report Date 28-May-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-4) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | ON THE ROOF OF INCINERATION PLANT- | Sample Received Date: | 11-May-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 13-May-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-May-2022 |
| Sampling Start Date & Time: | 04-May-2022 11:00 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 05-May-2022 11:00 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m3 | 76 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m3 | 29.88 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m3 | 46.36 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m3 | 15.48 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m3 | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m3 | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M3 | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M3 | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m3 | 14.38 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m3 | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |



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Barcode Id 36dff670d8 Report No/Sample ID TC814122000001723F Report Date 28-May-22

Remarks:

----- 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

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Annexure - 6



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Barcode Id c4b122e9b3 Report No/Sample ID TC814122000002635F Report Date 03-Aug-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR (STATION-1) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | ON THE ROOF OF LABORATORY | Sample Received Date: | 10-Jul-2022 |
| Sample Collected By: | By BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 11-Jul-2022 |
| Fuel: | -- | Analysis Completion Date: | 03-Aug-2022 |
| Sampling Start Date & Time: | 02-07-2022 10:30 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 03-07-2022 10:30 | Sampling Duration: | 24 Hrs. |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m3 | 60 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m3 | 23.29 | 60 | IS 5182.: Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m3 | 17.68 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m3 | 28.17 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m3 | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m3 | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M3 | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M3 | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m3 | 18.90 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m3 | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |

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- 5) Complaint Register is Available with the Laboratory



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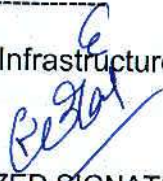
Page: 2 of 2

Barcode Id c4b122e9b3 Report No/Sample ID TC814122000002635F Report Date 03-Aug-22

Remarks:

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For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)

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- 5) Complaint Register is Available with the Laboratory



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Barcode Id 1a84402030 Report No/Sample ID TC814122000002638F Report Date 03-Aug-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-4) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | ON THE ROOF OF INCINERATION PLANT- | Sample Received Date: | 10-Jul-2022 |
| Sample Collected By: | By BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 11-Jul-2022 |
| Fuel: | -- | Analysis Completion Date: | 03-Aug-2022 |
| Sampling Start Date & Time: | 01-06-22 11:00 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 02-06-22 11:00 | Sampling Duration: | 24 Hrs. |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m3 | 57 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m3 | 21.30 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m3 | 30.73 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m3 | 13.17 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m3 | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m3 | < 0.5 | 5.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M3 | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M3 | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m3 | 13.60 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m3 | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |

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Page: 2 of 2

Barcode Id 1a84402030 Report No/Sample ID TC814122000002638F Report Date 03-Aug-22

Remarks:

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For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)

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Page: 1 of 2

Barcode Id 3517883a5d Report No/Sample ID TC814122000002637F Report Date 03-Aug-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-3) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | P.P PLANT NEAR SECURITY TOWER | Sample Received Date: | 10-Jul-2022 |
| Sample Collected By: | By BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 11-Jul-2022 |
| Fuel: | -- | Analysis Completion Date: | 03-Aug-2022 |
| Sampling Start Date & Time: | 01-06-22 15:00 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 02-06-22 15:00 | Sampling Duration: | 24 Hrs. |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---|-------------------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m ³ | 57 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m ³ | 21.86 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m ³ | 31.65 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m ³ | 10.24 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m ³ | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m ³ | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M ³ | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M ³ | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C ₆ H ₆ (Air) | µg/m ³ | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M ³ | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m ³ | 16.30 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m ³ | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |

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Page: 2 of 2

Barcode Id 3517883a5d Report No/Sample ID TC814122000002637F Report Date 03-Aug-22

Remarks:

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For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)

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Page: 1 of 2

Barcode Id 4cbf8bdc74 Report No/Sample ID TC814122000002636F Report Date 03-Aug-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-2) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | OPP.OF C6LW4 | Sample Received Date: | 10-Jul-2022 |
| Sample Collected By: | By BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 11-Jul-2022 |
| Fuel: | -- | Analysis Completion Date: | 03-Aug-2022 |
| Sampling Start Date & Time: | 01-06-22 13:30 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 02-06-22 13:30 | Sampling Duration: | 24 Hrs. |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---|-------------------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m ³ | 58 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m ³ | 22.30 | 30 | IS 5182.: Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m ³ | 16.97 | 30 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m ³ | 20.13 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m ³ | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m ³ | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M ³ | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M ³ | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C ₆ H ₆ (Air) | µg/m ³ | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M ³ | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m ³ | 21.36 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m ³ | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |

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Page: 2 of 2

Barcode Id 4cbf8bdc74 Report No/Sample ID TC814122000002636F Report Date 03-Aug-22

Remarks:

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For BEIL Infrastructure Ltd.

Sathish
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)

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Page: 1 of 2

Barcode Id a905f107df Report No/Sample ID TC814122000003147F Report Date 28-Aug-22

| | | | |
|-----------------------------|--|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR (STATION-1) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | ON THE ROOF OF LABORATORY | Sample Received Date: | 04-Aug-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 04-Aug-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-Aug-2022 |
| Sampling Start Date & Time: | 03-08-2022 11:30 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 04-08-2022 11:30 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m3 | 58 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m3 | 25.41 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m3 | 11.79 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m3 | 21.12 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m3 | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m3 | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M3 | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M3 | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m3 | 25.91 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m3 | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |

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Tel: (02646) 253135, 225228 | Fax: (02646) 222849 | E-Mail: sathish.gaddam@beil.co.in, meghparadt@beil.co.in

CIN NO : U45300GJ1997PLC032696

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Barcode Id a905f107df Report No/Sample ID TC814122000003147F Report Date 28-Aug-22

Remarks:

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For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



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Barcode Id 125fff5ea9

Report No/Sample ID TC814122000003148F

Report Date 28-Aug-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-2) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | OPP.OF C6LW4 | Sample Received Date: | 04-Aug-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 04-Aug-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-Aug-2022 |
| Sampling Start Date & Time: | 03-08-2022 13:00 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 04-08-2022 13:00 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m3 | 68 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m3 | 26.51 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m3 | 19.68 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m3 | 26.41 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m3 | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m3 | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M3 | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M3 | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m3 | 29.40 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m3 | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |



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Barcode Id 125fff5ea9

Report No/Sample ID TC814122000003148F

Report Date 28-Aug-22

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For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



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Barcode Id 9e233dd6c7 Report No/Sample ID TC814122000003149F Report Date 28-Aug-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-3) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | P.P PLANT NEAR SECURITY TOWER | Sample Received Date: | 04-Aug-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 04-Aug-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-Aug-2022 |
| Sampling Start Date & Time: | 03-08-2022 12:30 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 04-08-2022 12:30 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---|-------------------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m ³ | 61 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m ³ | 25.64 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m ³ | 14.06 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m ³ | 8.45 | 80 | IS : 5182 (Part-6)- 2006 |
| 5 | Ammonia (Air) | µg/m ³ | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m ³ | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M ³ | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M ³ | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C ₆ H ₆ (Air) | µg/m ³ | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M ³ | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m ³ | 23.52 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m ³ | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |

Regd. office & Works Office: Plot No 9701-16, G.I.D.C. Estate, Post Box No 82, Ankleshwar - 393002, Dist - Bharuch (Gujarat)
Tel: (02646) 253135, 225228 | Fax: (02646) 222849 | E-Mail: sathish.gaddam@beil.co.in, meghparadt@beil.co.in

CIN NO : U45300GJ1997PLC032696

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Barcode Id 9e233dd6c7 Report No/Sample ID TC814122000003149F Report Date 28-Aug-22

Remarks:

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For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



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Page: 1 of 2

Barcode Id cff61b13b3

Report No/Sample ID TC814122000003150F

Report Date 28-Aug-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-4) | | |
| Sample Quantity: | 25 mL | Sampling Date: | |
| Sampling Location: | ON THE ROOF OF INCINERATION PLANT- | Sample Received Date: | 04-Aug-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:11255 |
| Packing Details: | --- | Analysis Start Date: | 04-Aug-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-Aug-2022 |
| Sampling Start Date & Time: | 03-08-2022 12:00 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 04-08-2022 12:00 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m3 | 66 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m3 | 26.85 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m3 | 29.29 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m3 | 8.45 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m3 | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m3 | < 0.5 | 6.0 | APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017 |
| 7 | Arsenic (as As) | ng/M3 | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M3 | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 10 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 11 | Ozone | µg/m3 | 21.32 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |
| 12 | CO (AIR) | mg/m3 | < 1.0 | 4.0 | NDIR Digital Gas Analyzer |

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Tel: (02646) 253135, 225228 | Fax: (02646) 222849 | E-Mail: sathish.gaddam@beil.co.in, meghparadt@beil.co.in

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Page: 2 of 2

Barcode Id cff61b13b3 Report No/Sample ID TC814122000003150F Report Date 28-Aug-22

Remarks:

-----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



TC-8141

TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

Page: 1 of 2

Barcode Id 7d56b6c55c

Report No/Sample ID TC814122000003589F

Report Date 28-Sep-22

| | | | |
|-----------------------------|--|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR (STATION-1) | | |
| Sample Quantity: | 25 mL | Sampling Date: | 06-Sep-22 |
| Sampling Location: | On The Roof of Laboratory | Sample Received Date: | 07-Sep-2022 |
| Sample Collected By: | By BEIL | Sampling Procedure: | IS:5182 |
| Packing Details: | --- | Analysis Start Date: | 07-Sep-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-Sep-2022 |
| Sampling Start Date & Time: | 06-Sep-22 12:00 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 07-Sep-22 12:00 | Sampling Duration: | 24 Hrs. |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|------------------|-------|--------|-------------------|---|
| 1 | RSPM (PM10) | µg/m3 | 61 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m3 | 26.43 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m3 | 12.17 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m3 | 10.56 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m3 | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m3 | < 0.5 | 6.0 | IS 5182 (Part 22) : 2004 |
| 7 | Arsenic (as As) | ng/M3 | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M3 | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Ozone | µg/m3 | 4.41 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |



BEIL INFRASTRUCTURE LIMITED
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ANALYTICAL RESEARCH LABORATORY



TC-0141

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Page: 2 of 2

Barcode Id 7d56b6c55c Report No/Sample ID TC814122000003589F Report Date 28-Sep-22

Remarks:

.....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

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Page: 1 of 1

Barcode Id aa2985b579 Report No/Sample ID 5936196934 Report Date 28-Sep-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR (STATION-1) | | |
| Sample Quantity: | 25 mL | Sampling Date: | 06-Sep-2022 |
| Sampling Location: | ON THE ROOF OF LABORATORY | Sample Received Date: | 07-Sep-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:5182 |
| Packing Details: | --- | Analysis Start Date: | 07-Sep-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-Sep-2022 |
| Sampling Start Date & Time: | 06-Sep-22 12:00 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 07-Sep-22 12:00 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|--|
| 1 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 2 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 3 | CO (AIR) | mg/m3 | < 0.01 | 4.0 | NDIR Digital Gas Analyzer |

Remarks:

.....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



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Page: 1 of 2

Barcode Id da70f0ed12 Report No/Sample ID TC814122000003590F Report Date 28-Sep-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-2) | | |
| Sample Quantity: | 25 mL | Sampling Date: | 06-Sep-22 |
| Sampling Location: | Opposite C6LW4 Detox Side | Sample Received Date: | 07-Sep-2022 |
| Sample Collected By: | By BEIL | Sampling Procedure: | IS-5182 |
| Packing Details: | -- | Analysis Start Date: | 07-Sep-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-Sep-2022 |
| Sampling Start Date & Time: | 06-Sep-22 13:30 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 07-Sep-22 13:30 | Sampling Duration: | 24 Hrs. |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|------------------|-------------------|--------|-------------------|---|
| 1 | RSPM (PM10) | µg/m ³ | 59 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m ³ | 27.53 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m ³ | 18.80 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m ³ | 21.12 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m ³ | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m ³ | < 0.5 | 6.0 | IS 5182 (Part 22) : 2004 |
| 7 | Arsenic (as As) | ng/M ³ | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M ³ | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Ozone | µg/m ³ | 2.38 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |

Regd. office & Works Office: Plot No 9701-16, G.I.D.C. Estate, Post Box No 82, Ankleshwar - 393002, Dist - Bharuch (Gujarat)

Tel: (02646) 253135, 225228 | Fax: (02646) 222849 | E-Mail: sathish.gaddam@beil.co.in, meghparadt@beil.co.in

CIN NO : U45300GJ1997PLC032696

Terms & Condition are on backside



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY



TC-8141

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Page: 2 of 2

Barcode Id da70f0ed12 Report No/Sample ID TC814122000003590F Report Date 28-Sep-22

Remarks:

.....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

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Page: 1 of 1

Barcode Id b85c001eed Report No/Sample ID 5936196936 Report Date 28-Sep-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-2) | | |
| Sample Quantity: | 25 mL | Sampling Date: | 06-Sep-2022 |
| Sampling Location: | Opposite of C6LW4 Detox Side | Sample Received Date: | 07-Sep-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:5182 |
| Packing Details: | --- | Analysis Start Date: | 07-Sep-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-Sep-2022 |
| Sampling Start Date & Time: | 06-Sep-22 13:30 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 07-Sep-22 13:30 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|--|
| 1 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 2 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 3 | CO (AIR) | mg/m3 | < 0.01 | 4.0 | NDIR Digital Gas Analyzer |

Remarks:

.....END OF REPORT.....

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

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Page: 1 of 2

Barcode Id 0c9b8fc688 Report No/Sample ID TC814122000003591F Report Date 28-Sep-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-3) | | |
| Sample Quantity: | 25 mL | Sampling Date: | 06-Sep-22 |
| Sampling Location: | Landfill Phase-4 Near Security Tower | Sample Received Date: | 07-Sep-2022 |
| Sample Collected By: | By BEIL | Sampling Procedure: | IS-5182 |
| Packing Details: | --- | Analysis Start Date: | 07-Sep-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-Sep-2022 |
| Sampling Start Date & Time: | 06-Sep-22 13:00 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 07-Sep-22 13:00 | Sampling Duration: | 24 Hrs. |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|------------------|-------|--------|-------------------|---|
| 1 | RSPM (PM10) | µg/m3 | 53 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m3 | 25.87 | 60 | IS 5182 : Part 24 : 2019 |
| 3 | Sulphur Dioxide | µg/m3 | 21.79 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m3 | 6.88 | 80 | IS : 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m3 | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m3 | < 0.5 | 6.0 | IS 5182 (Part 22) : 2004 |
| 7 | Arsenic (as As) | ng/M3 | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M3 | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Ozone | µg/m3 | 8.03 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |



BEIL INFRASTRUCTURE LIMITED

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Barcode Id 0c9b8fc688 Report No/Sample ID TC814122000003591F Report Date 28-Sep-22

Remarks:

.....END OF REPORT.....

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

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Barcode Id 993a7625c3 Report No/Sample ID 5936196937 Report Date 28-Sep-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-3) | | |
| Sample Quantity: | 25 mL | Sampling Date: | 06-Sep-2022 |
| Sampling Location: | Landfill Phase-4 Near Security Tower | Sample Received Date: | 07-Sep-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:5182 |
| Packing Details: | --- | Analysis Start Date: | 07-Sep-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-Sep-2022 |
| Sampling Start Date & Time: | 06-Sep-22 13:00 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 07-Sep-22 13:00 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|---|
| 1 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 2 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 3 | CO (AIR) | mg/m3 | < 0.01 | 4.0 | NDIR Digital Gas Analyzer |

Remarks:

.....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



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Page: 1 of 2

Barcode Id 7b65dc6d6d Report No/Sample ID TC814122000003592F Report Date 28-Sep-22

| | | | |
|-----------------------------|--|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-4) | | |
| Sample Quantity: | 25 mL | Sampling Date: | 06-Sep-22 |
| Sampling Location: | On the roof of incineration plant control room | Sample Received Date: | 07-Sep-2022 |
| Sample Collected By: | By BEIL | Sampling Procedure: | IS-5182 |
| Packing Details: | --- | Analysis Start Date: | 07-Sep-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-Sep-2022 |
| Sampling Start Date & Time: | 06-Sep-22 12:30 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 07-Sep-22 12:30 | Sampling Duration: | 24 Hrs. |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|------------------|-------|--------|-------------------|--|
| 1 | RSPM (PM10) | µg/m3 | 52 | 100 | IS 5182 Part 23: 2006 |
| 2 | PM 2.5 | µg/m3 | 27.18 | 60 | IS 5182: Part 24: 2019 |
| 3 | Sulphur Dioxide | µg/m3 | 20.35 | 80 | IS:5182(Part-2), 2001 |
| 4 | Nitrogen Dioxide | µg/m3 | 19.45 | 80 | IS: 5182 (Part- 6)- 2006 |
| 5 | Ammonia (Air) | µg/m3 | < 7.0 | 400 | IS 5182 Part-25: 2018 |
| 6 | Lead (as Pb) | µg/m3 | < 0.5 | 6.0 | IS 5182 (Part 22) : 2004 |
| 7 | Arsenic (as As) | ng/M3 | < 0.5 | 1.0 | CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013 |
| 8 | Nickel (as Ni) | ng/M3 | < 0.5 | 20 | IS 5182 (Part 26) :2020 |
| 9 | Ozone | µg/m3 | 6.53 | 180 | IS 5182 Part 9 :1974 (Rea: 2019) |

Regd. office & Works Office: Plot No 9701-16, G.I.D.C. Estate, Post Box No 82, Ankleshwar - 393002, Dist - Bharuch (Gujarat)

Tel: (02646) 253135, 225228 | Fax: (02646) 222849 | E-Mail: sathish.gaddam@beil.co.in, meghparadt@beil.co.in

CIN NO : U45300GJ1997PLC032696

Terms & Condition are on backside



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY



TC-8141

TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

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Page: 2 of 2

Barcode Id 7b65dc6d6d Report No/Sample ID TC814122000003592F Report Date 28-Sep-22

Remarks:

.....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

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Page: 1 of 1

Barcode Id 2ddab6bf77

Report No/Sample ID 5936196938 Report Date 28-Sep-22

| | | | |
|-----------------------------|---|---------------------------|-------------|
| Name Of Customer: | BEIL INFRASTRUCTURE LIMITED | | |
| Address Of Customer: | Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002 | | |
| Sample Description: | AMBIENT AIR(STATION-4) | | |
| Sample Quantity: | 25 mL | Sampling Date: | 06-Sep-2022 |
| Sampling Location: | On the roof of incinerator control room | Sample Received Date: | 07-Sep-2022 |
| Sample Collected By: | BY BEIL | Sampling Procedure: | IS:5182 |
| Packing Details: | --- | Analysis Start Date: | 07-Sep-2022 |
| Fuel: | -- | Analysis Completion Date: | 28-Sep-2022 |
| Sampling Start Date & Time: | 06-Sep-22 12:30 | Sample Type: | Air Sample |
| Sampling End Date & Time: | 07-Sep-22 12:30 | Sampling Duration: | 24:00 Hrs |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|---------------------------|-------|--------|-------------------|--|
| 1 | Benzene C6H6 (Air) | µg/m3 | < 0.01 | 5.0 | IS:5182 (Part XI) 2006 |
| 2 | Benzo(a)pyrene(BaP) (Air) | ng/M3 | < 0.01 | 1.0 | CPCB Method NAAQMS-2012-13 VOL-1: 2013 |
| 3 | CO (AIR) | mg/m3 | < 0.01 | 4.0 | NDIR Digital Gas Analyzer |

Remarks:

.....END OF REPORT.....

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)

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**

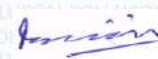
 Test Report No. : **PL/BL 0138**
 Issue Date : **05/05/2022**
 Customer's Ref. : **W.O.No. 8521220045**
Dated:19.04.2021

 Location of Sampling : **Near Laboratory**
 Date of Sampling : **21/04/2022** Sampling Procedure : **As per table**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **Ambient Air Quality Monitoring**
 Sample Receipt Date : **22/04/2022** Lab ID : **BL/2204/13 [A-M]**
 Date of Starting of Test : **22/04/2022** Date of Completion of Test : **28/04/2022**
RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 78.4 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 29.9 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 15.9 | 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 | 25.4 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 1.3 | 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.

● FSSAI Approved Lab ● 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 0139 Issue Date : 05/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|--|--|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Near Shed No.10 | Sampling Procedure | : As per table |
| Date of Sampling | : 21/04/2022 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2204/14 [A-M] |
| Sample Receipt Date | : 22/04/2022 | Date of Completion of Test | : 28/04/2022 |
| Date of Starting of Test | : 22/04/2022 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 70.6 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 25.2 | 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 | 21.1 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^{\$} | µg/m ³ | 28.9 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 1.5 | 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 0140 |
| | Issue Date : | 05/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

| | | | |
|----------------------------|--|------------------------------|---------------------------------------|
| Location of Sampling : | Opposite Side Of Phase-2 LW-4 | | |
| Date of Sampling : | 21/04/2022 | Sampling Procedure : | As per table |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | Ambient Air Quality Monitoring |
| Sample Receipt Date : | 22/04/2022 | Lab ID : | BL/2204/15 [A-M] |
| Date of Starting of Test : | 22/04/2022 | Date of Completion of Test : | 28/04/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 72.9 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 28.6 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 12.1 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 19.6 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) [§] | µg/m ³ | 19.1 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 1.0 | 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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- 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 0172 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

| | | | |
|----------------------------|--|------------------------------|---------------------------------------|
| Location of Sampling : | Near Laboratory | Sampling Procedure : | As per table |
| Date of Sampling : | 02/05/2022 | Protocol (purpose) : | Ambient Air Quality Monitoring |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Lab ID : | BL/2205/13 [A-M] |
| Sample Receipt Date : | 03/05/2022 | Date of Completion of Test : | 09/05/2022 |
| Date of Starting of Test : | 03/05/2022 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [®] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 71.7 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 30.4 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 8.1 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 17.6 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) [§] | µg/m ³ | 13.2 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.9 | 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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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 :

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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 0173**
 Issue Date : **12/05/2022**
 Customer's Ref. : **W.O.No. 8521220045**
Dated:19.04.2021

Location of Sampling : **Near Shed No.10**
 Date of Sampling : **02/05/2022** Sampling Procedure : **As per table**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **Ambient Air Quality Monitoring**
 Sample Receipt Date : **03/05/2022** Lab ID : **BL/2205/14 [A-M]**
 Date of Starting of Test : **03/05/2022** Date of Completion of Test : **09/05/2022**

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [®] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 78.2 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 34.9 | 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 | 28.1 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) [§] | µg/m ³ | 15.2 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 1.0 | 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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**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 0174 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

| | | | |
|----------------------------|--|------------------------------|---------------------------------------|
| Location of Sampling : | Opposite Side Of Phase-2 LW-4 | | |
| Date of Sampling : | 02/05/2022 | Sampling Procedure : | As per table |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | Ambient Air Quality Monitoring |
| Sample Receipt Date : | 03/05/2022 | Lab ID : | BL/2205/15 [A-M] |
| Date of Starting of Test : | 03/05/2022 | Date of Completion of Test : | 09/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [®] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 82.0 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 39.2 | 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 | 23.8 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) [§] | µg/m ³ | 20.4 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 1.4 | 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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**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 0181**
 Issue Date : **11/06/2022**
 Customer's Ref. : **W.O.No. 8521220045**
 Dated: **19.04.2021**

Location of Sampling : **Near Laboratory**
 Date of Sampling : **03/06/2022** Sampling Procedure : **As per table**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **Ambient Air Quality Monitoring**
 Sample Receipt Date : **04/06/2022** Lab ID : **BL/2206/13 [A-M]**
 Date of Starting of Test : **04/06/2022** Date of Completion of Test : **10/06/2022**

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 70.4 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 43.9 | 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 | 29.1 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 8.8 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 1.2 | 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 0182**
 Issue Date : **11/06/2022**
 Customer's Ref. : **W.O.No. 8521220045**
 Dated: **19.04.2021**

Location of Sampling : **Near Shed No.10**
 Date of Sampling : **03/06/2022** Sampling Procedure : **As per table**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **Ambient Air Quality Monitoring**
 Sample Receipt Date : **04/06/2022** Lab ID : **BL/2206/14 [A-M]**
 Date of Starting of Test : **04/06/2022** Date of Completion of Test : **10/06/2022**

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 68.6 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 38.9 | 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 | 32.5 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 9.2 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 1.4 | 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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**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 0183**
 Issue Date : **11/06/2022**
 Customer's Ref. : **W.O.No. 8521220045**
 Dated:19.04.2021

Location of Sampling : **Opposite Side Of Phase-2 LW-4**
 Date of Sampling : **03/06/2022** Sampling Procedure : **As per table**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **Ambient Air Quality Monitoring**
 Sample Receipt Date : **04/06/2022** Lab ID : **BL/2206/15 [A-M]**
 Date of Starting of Test : **04/06/2022** Date of Completion of Test : **10/06/2022**

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 73.2 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 32.5 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 9.1 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 19.9 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 10.6 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.9 | 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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**TEST CERTIFICATE**

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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 0197**
 Issue Date : **25/07/2022**
 Customer's Ref. : **W.O.No. 8521220045**
 Dated:19.04.2021

Location of Sampling : **Near Laboratory**
 Date of Sampling : **04/07/2022** Sampling Procedure : **As per table**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **Ambient Air Quality Monitoring**
 Sample Receipt Date : **05/07/2022** Lab ID : **BL/2207/01 [A-M]**
 Date of Starting of Test : **05/07/2022** Date of Completion of Test : **11/07/2022**

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 63.9 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 22.1 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 10.5 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 16.6 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 10.9 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 1.1 | 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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M/s. BEIL INFRASTRUCTURE LIMITED.
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

Test Report No. : **PL/BL 0198**
 Issue Date : **25/07/2022**
 Customer's Ref. : **W.O.No. 8521220045**
 Dated:19.04.2021

Location of Sampling : **Near Shed No.10**
 Date of Sampling : **04/07/2022** Sampling Procedure : **As per table**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **Ambient Air Quality Monitoring**
 Sample Receipt Date : **05/07/2022** Lab ID : **BL/2207/02 [A-M]**
 Date of Starting of Test : **05/07/2022** Date of Completion of Test : **11/07/2022**

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 57.6 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 24.1 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 12.5 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 18.2 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 13.4 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 1.2 | 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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M/s. BEIL INFRASTRUCTURE LIMITED.
PLOT NO.9701-16, GIDC ESTATE
POST BOX NO.82, ANKLESHWAR, 393002

Test Report No. : **PL/BL 0199**
 Issue Date : **25/07/2022**
 Customer's Ref. : **W.O.No. 8521220045**
 Dated:19.04.2021

Location of Sampling : **Opposite Side Of Phase-2 LW-4**
 Date of Sampling : **04/07/2022** Sampling Procedure : **As per table**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **Ambient Air Quality Monitoring**
 Sample Receipt Date : **05/07/2022** Lab ID : **BL/2207/03 [A-M]**
 Date of Starting of Test : **05/07/2022** Date of Completion of Test : **11/07/2022**

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 67.1 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 23.1 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 8.4 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 15.1 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 9.6 | 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: .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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**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 0235 |
| | Issue Date : | 13/08/2022 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | | | |
|----------------------------|--|------------------------------|---------------------------------------|
| Location of Sampling : | Near Laboratory | Sampling Procedure : | As per table |
| Date of Sampling : | 05/08/2022 | Protocol (purpose) : | Ambient Air Quality Monitoring |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Lab ID : | BL/2208/01 [A-M] |
| Sample Receipt Date : | 06/08/2022 | Date of Completion of Test : | 13/08/2022 |
| Date of Starting of Test : | 06/08/2022 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT® | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 67.9 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 25.7 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 12.8 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 22.4 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) [§] | µg/m ³ | 12.3 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 1.2 | 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. ArunBajpai
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 0236**
 Issue Date : **13/08/2022**
 Customer's Ref. : **W.O.No. 8522230050**
Dated:21.04.2022

Location of Sampling : **Near Shed No.10**
 Date of Sampling : **05/08/2022** Sampling Procedure : **As per table**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **Ambient Air Quality Monitoring**
 Sample Receipt Date : **06/08/2022** Lab ID : **BL/2208/02 [A-M]**
 Date of Starting of Test : **06/08/2022** Date of Completion of Test : **13/08/2022**

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT® | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 62.7 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 27.5 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 14.6 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 20.8 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) [§] | µg/m ³ | 11.5 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 1.1 | 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. ArunBajpai
Lab Manager (Q)

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

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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 :

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 0237 |
| | Issue Date : | 13/08/2022 |
| | Customer's Ref. : | W.O.No. 8522230050 |
| | | Dated:21.04.2022 |

| | | | |
|----------------------------|--|------------------------------|---------------------------------------|
| Location of Sampling : | Opposite Side Of Phase-2 LW-4 | | |
| Date of Sampling : | 05/08/2022 | Sampling Procedure : | As per table |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | Ambient Air Quality Monitoring |
| Sample Receipt Date : | 06/08/2022 | Lab ID : | BL/2208/03 [A-M] |
| Date of Starting of Test : | 06/08/2022 | Date of Completion of Test : | 13/08/2022 |

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 | 26.9 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 9.8 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 17.6 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) [§] | µg/m ³ | 10.7 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.9 | 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. ArunBajpai
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 0262 Issue Date : 13/09/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|--|---|

| | | | |
|--------------------------|--|----------------------------|---|
| Location of Sampling | : Near Laboratory | Sampling Procedure | : As per table |
| Date of Sampling | : 05/09/2022 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2209/01 [A-M] |
| Sample Receipt Date | : 06/09/2022 | Date of Completion of Test | : 13/09/2022 |
| Date of Starting of Test | : 06/09/2022 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 81.6 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 43.8 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 17.6 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 26.5 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 14.9 | 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: .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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 Navjivan Circle, Udhana Magdalla Road, Surat-395007, Gujarat, India.

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**TEST CERTIFICATE**

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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 0263 |
| | Issue Date : | 13/09/2022 |
| | 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 : | 05/09/2022 | Protocol (purpose) : | Ambient Air Quality Monitoring |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Lab ID : | BL/2209/02 [A-M] |
| Sample Receipt Date : | 06/09/2022 | Date of Completion of Test : | 13/09/2022 |
| Date of Starting of Test : | 06/09/2022 | | |

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 | 38.4 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 19.8 | 80 | IS 5182 (Part 2) |
| 4 | Oxides of Nitrogen as NO ₂ | µg/m ³ | 23.9 | 80 | IS 5182 (Part 6) |
| 5 | Ozone (O ₃) ^S | µg/m ³ | 14.8 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.75 | 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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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 0264 Issue Date : 13/09/2022 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 | : 05/09/2022 | Protocol (purpose) | : Ambient Air Quality Monitoring |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Lab ID | : BL/2209/03 [A-M] |
| Sample Receipt Date | : 06/09/2022 | Date of Completion of Test | : 13/09/2022 |
| Date of Starting of Test | : 06/09/2022 | | |

RESULT TABLE

| SR. NO. | TEST PARAMETER | UNIT | RESULTS | LIMIT [@] | METHOD OF MEASUREMENT |
|---------|---|-------------------|--------------|--------------------|--|
| 1 | Particulate Matter (PM ₁₀) | µg/m ³ | 84.6 | 100 | IS 5182 (Part 23) |
| 2 | Particulate Matter (PM _{2.5}) | µg/m ³ | 47.2 | 60 | CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13) |
| 3 | Sulphur Dioxide as SO ₂ | µg/m ³ | 15.6 | 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) ^S | µg/m ³ | 14.3 | 180 | IS 5182 (Part 9) |
| 6 | Carbon Monoxide as CO | mg/m ³ | 0.68 | 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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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 0141 |
| | Issue Date : | 05/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

Sampling Location : **HB1 Up Stream**

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 21/04/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 22/04/2022 | Lab ID. : | BL/2204/01 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 22/04/2022 | Date of Completion of Test : | 02/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.36 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 8.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 5752 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.63 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 3738 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 13 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 32 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1334 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 435 | 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 | 1529 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 125 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.62 | 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 | 0.063 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.36 | 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 | 294 | 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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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 0141 |
| | Issue Date : | 05/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

| | |
|---------------------|----------------------|
| Sampling Location : | HB1 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 | 436 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 13 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 12.8 | 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 | Absent | 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 0141**
 Issue Date : **05/05/2022**
 Customer's Ref. : **W.O.No. 8521220045**
Dated:19.04.2021

Sampling Location : **HB1 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | USEPA 525.2 | |
| 34.7 | Heptachlor | µg/L | Absent | | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 508 | |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | α-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenpropethrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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, Methoxy Chlor: 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: 0.1 µg/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 0142 |
| | Issue Date : | 05/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 21/04/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 22/04/2022 | Lab ID. : | BL/2204/02 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 22/04/2022 | Date of Completion of Test : | 02/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.67 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2314 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.38 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1502 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.8 | 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 | 426 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 396 | 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 | 375 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 161 | 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 | 0.39 | 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 | 0.46 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.70 | PHA(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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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 0142 |
| | Issue Date : | 05/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |


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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 39.84 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 305 | 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 | 6.3 | 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 | Absent | 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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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 0142**
 Issue Date : **05/05/2022**
 Customer's Ref. : **W.O.No. 8521220045**
Dated:19.04.2021

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyriphos | µg/L | Absent | |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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


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: 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 0143 |
| | Issue Date : | 05/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Sampling Location : | EB3 Down Stream (New) | | |
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 21/04/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 22/04/2022 | Lab ID. : | BL/2204/03 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 22/04/2022 | Date of Completion of Test : | 02/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.44 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2136 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 1.1 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1390 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 7.0 | 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 | 522 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 408 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.62 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 376 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 172 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.69 | 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 | 0.035 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.51 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.73 | 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 0143 |
| | Issue Date : | 05/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

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

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 60.48 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 293 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 9.4 | 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 | Absent | 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 0143 Issue Date : 05/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | α-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenpropethrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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 0144**
 Issue Date : **05/05/2022**
 Customer's Ref. : **W.O.No. 8521220045**
 Dated: **19.04.2021**


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

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 21/04/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 22/04/2022 | Lab ID. | : BL/2204/04 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 22/04/2022 | Date of Completion of Test | : 02/05/2022 |

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 | 5678 | 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 | 3692 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 14 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 35 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1649 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 442 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.77 | 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 | 201 | 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 | 0.071 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.069 | 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 | 0.59 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 398 | 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 0144 |
| | Issue Date : | 05/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

| | |
|---------------------|-----------------------|
| Sampling Location : | EB-4 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 | 392 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 13.6 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 13.5 | 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 | Absent | 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 0144**
 Issue Date : **05/05/2022**
 Customer's Ref. : **W.O.No. 8521220045**
Dated:19.04.2021

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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
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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.

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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 0145**
 Issue Date : **05/05/2022**
 Customer's Ref. : **W.O.No. 8521220045**
Dated:19.04.2021

 Sampling Location : **HB5 Down Stream**

 Description of Sample : **Ground Water sample** Quantity/No. of Samples : **05 Lit./One**
 Date of Sampling : **21/04/2022** Sampling Procedure : **IS:3025**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**
 Sample Receipt Date : **22/04/2022** Lab ID. : **BL/2204/05**
 Packing/ Seal : **Sealed** Test Parameters : **As per table**
 Date of Starting of Test : **22/04/2022** Date of Completion of Test : **02/05/2022**
RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.76 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2758 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.94 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1793 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 10.0 | 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 | 532 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 413 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.84 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 489 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 168 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.45 | 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 | 0.059 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.042 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.072 | 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 | 104 | 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.

● FSSAI Approved Lab ● 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: 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 0145 |
| | Issue Date : | 05/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

 Sampling Location : **HB5 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 65.28 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 349 | 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 | 9.6 | 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 | Absent | 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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 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 0145 Issue Date : 05/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **HB5 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | USEPA 525.2 |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | | |
| 34.29 | Fenpropethrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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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- Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
- GPCB apprved 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 0146**
 Issue Date : **05/05/2022**
 Customer's Ref. : **W.O.No. 8521220045**
Dated:19.04.2021

 Sampling Location : **EB5 Up Stream**

 Description of Sample : **Ground Water sample** Quantity/No. of Samples : **05 Lit./One**
 Date of Sampling : **21/04/2022** Sampling Procedure : **IS:3025**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**
 Sample Receipt Date : **22/04/2022** Lab ID. : **BL/2204/06**
 Packing/ Seal : **Sealed** Test Parameters : **As per table**
 Date of Starting of Test : **22/04/2022** Date of Completion of Test : **02/05/2022**
RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.57 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3737 | 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 | 2429 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 5.6 | 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 | 759 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 384 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.51 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1089 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 128 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.63 | 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 | 0.18 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.14 | 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 | 142 | 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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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 0146 |
| | Issue Date | : 05/05/2022 |
| | Customer's Ref. | : W.O.No. 8521220045 Dated:19.04.2021 |


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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 99.12 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 415 | 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 | 4.5 | 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 | Absent | 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 0146 Issue Date : 05/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **EB5 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 525.2 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 508 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyriphos | µg/L | Absent | |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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)

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

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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 0147 |
| | Issue Date : | 05/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

| | | | |
|----------------------------|---------------------------------|------------------------------|--------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 21/04/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 22/04/2022 | Lab ID. : | BL/2204/07 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 22/04/2022 | Date of Completion of Test : | 02/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.28 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4577 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.39 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2975 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 6.8 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 46 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 710 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 428 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.59 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 643 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 178 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.17 | 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 | 0.13 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.17 | 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 | 140 | 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.

- FSSAI Approved Lab
- Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
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- 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

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 0147 |
| | Issue Date : | 05/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 86.4 | 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 | 5.43 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 7.84 | 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 | Absent | 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 0147**
 Issue Date : **05/05/2022**
 Customer's Ref. : **W.O.No. 8521220045**
Dated:19.04.2021

Sampling Location : **HB7 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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 0148**
 Issue Date : **05/05/2022**
 Customer's Ref. : **W.O.No. 8521220045**
Dated:19.04.2021

 Sampling Location : **EB10 Up Stream**

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 21/04/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 22/04/2022 | Lab ID. | : BL/2204/08 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 22/04/2022 | Date of Completion of Test | : 02/05/2022 |

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 | 9142 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 3.8 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 5946 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 22 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 148 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 2631 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 329 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.95 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 2159 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 190 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.85 | 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 | 0.64 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.20 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.48 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.69 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 594 | 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 0148 Issue Date : 05/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **EB10 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 275 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 363 | 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 | 21.3 | 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 | Absent | 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 0148 Issue Date : 05/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
| Sampling Location : EB10 Up Stream | |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-----------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 525.2 | |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 508 | |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 525.2 | |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | | USEPA 508 |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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 0149**
 Issue Date : **05/05/2022**
 Customer's Ref. : **W.O.No. 8521220045**
Dated:19.04.2021

 Sampling Location : **EB11 Up Stream**

 Description of Sample : **Ground Water sample** Quantity/No. of Samples : **05 Lit./One**
 Date of Sampling : **21/04/2022** Sampling Procedure : **IS:3025**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**
 Sample Receipt Date : **22/04/2022** Lab ID. : **BL/2204/09**
 Packing/ Seal : **Sealed** Test Parameters : **As per table**
 Date of Starting of Test : **22/04/2022** Date of Completion of Test : **02/05/2022**
RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.62 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 7232 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 12.94 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 4701 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 26 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 114 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 2302 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 356 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.48 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1859 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 242 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.46 | 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 | 0.02 | 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 | 0.71 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 454 | 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.

● FSSAI Approved Lab ● 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: 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 0149 |
| | Issue Date : | 05/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |
| | | |

Sampling Location : **EB11 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|----------------|------------------------|-------------|---------------|---|
| 28 | Magnesium as Mg | mg/L | 280 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 345 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 7.0 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 27 | 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 | Absent | 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 0149**
 Issue Date : **05/05/2022**
 Customer's Ref. : **W.O.No. 8521220045**
 Dated: **19.04.2021**

Sampling Location : **EB11 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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 0150**
Issue Date : **05/05/2022**
Customer's Ref. : **W.O.No. 8521220045**
Dated:19.04.2021

Sampling Location : **HB4 Down Stream**

Description of Sample : **Ground Water sample** Quantity/No. of Samples : **05 Lit./One**
Date of Sampling : **21/04/2022** Sampling Procedure : **IS:3025**
Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**
Sample Receipt Date : **22/04/2022** Lab ID. : **BL/2204/10**
Packing/ Seal : **Sealed** Test Parameters : **As per table**
Date of Starting of Test : **22/04/2022** Date of Completion of Test : **02/05/2022**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.53 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 7.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3049 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.55 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1982 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 6.9 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 36 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 456 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 462 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.98 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 502 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 165 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.52 | 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 | 0.053 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.075 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.062 | 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 | 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 0150 |
| | Issue Date : | 05/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

 Sampling Location : **HB4 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 53.04 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 249 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 7.20 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 6.6 | 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 | Absent | 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 0150**
 Issue Date : **05/05/2022**
 Customer's Ref. : **W.O.No. 8521220045**
 Dated: **19.04.2021**

Sampling Location : **HB4 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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 0151**
 Issue Date : **05/05/2022**
 Customer's Ref. : **W.O.No. 8521220045**
Dated:19.04.2021

 Sampling Location : **EB9 Up Stream**

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 21/04/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 22/04/2022 | Lab ID. | : BL/2204/11 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 22/04/2022 | Date of Completion of Test | : 02/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.04 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 5098 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.52 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.6 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 3314 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 14 | 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 | 1524 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 384 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.01 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1698 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 166 | 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 | 0.065 | 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 | 0.095 | 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 | 178 | 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

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 0151 |
| | Issue Date : | 05/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |


 Sampling Location : **EB9 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 258 | 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 | 4.6 | 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 | Absent | 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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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 0151**
 Issue Date : **05/05/2022**
 Customer's Ref. : **W.O.No. 8521220045**
 Dated: **19.04.2021**

Sampling Location : **EB9 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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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 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 0152 |
| | Issue Date : | 05/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 21/04/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 22/04/2022 | Lab ID. : | BL/2204/12 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 22/04/2022 | Date of Completion of Test : | 02/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.75 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2978 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.3 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1936 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 8.0 | 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 | 709 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 423 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.65 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 509 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 143 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.49 | 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 | 0.063 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.039 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.30 | 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 | 124 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager (Q)

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- Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
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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 0152 Issue Date : 05/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|


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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 95.76 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 280 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 95 | 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 | Absent | 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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- Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
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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 0152 Issue Date : 05/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
| Sampling Location : HB6 Down Stream | |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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 0160 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 02/05/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 03/05/2022 | Lab ID. : | BL/2205/01 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 03/05/2022 | Date of Completion of Test : | 12/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.93 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 6783 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.38 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 3716 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 8.1 | 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 | 1442 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 398 | 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 | 1476 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 192 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.31 | 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 | 0.17 | 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 | 0.47 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 362 | 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 0160 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 128 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 352 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 8.4 | 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 | Absent | 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.

- FSSAI Approved Lab
- 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 0160 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | SulphateEndosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | MethoxyChlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyriphos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenproprithrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

Pesticides:Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, SulphateEndosulfan: 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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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 0161 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 02/05/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 03/05/2022 | Lab ID. : | BL/2205/02 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 03/05/2022 | Date of Completion of Test : | 12/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.08 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 3.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4352 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.51 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2436 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 6.10 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 28 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 798 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 382 | 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 | 1098 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 124 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.17 | 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 | 0.134 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.256 | 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 | 0.46 | 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 0161 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 100 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 470 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 13.6 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.23 | 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 | Absent | 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 0161 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **EB5 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | SulphateEndosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 525.2 |
| 34.9 | MethoxyChlor | µg/L | Absent | USEPA 508 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 525.2 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyriphos | µg/L | Absent | |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | USEPA 508 |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| 34.28 | Deltamethrin | µg/L | Absent | |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

Pesticides:Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, SulphateEndosulfan: 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 0162 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 02/05/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 03/05/2022 | Lab ID. | : BL/2205/03 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 03/05/2022 | Date of Completion of Test | : 12/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.46 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 3.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2481 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.75 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1324 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.9 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 10 | 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 | 376 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 1.98 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 382 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 184 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.35 | 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 | 0.068 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.37 | 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 | 86 | 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 0162**
Issue Date : **12/05/2022**
Customer's Ref. : **W.O.No. 8521220045**
Dated:19.04.2021

Sampling Location : **EB3 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 | 258 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 6.95 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 2.8 | 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 | Absent | 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.

- FSSAI Approved Lab
- Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
- 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 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 0162 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | SulphateEndosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | MethoxyChlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyriphos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

Pesticides:Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, SulphateEndosulfan: 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 0163 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 02/05/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 03/05/2022 | Lab ID. | : BL/2205/04 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 03/05/2022 | Date of Completion of Test | : 12/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.42 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 3.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2356 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.745 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1552 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 4.18 | 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 | 466 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 370 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.28 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 362 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 132 | 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 | 0.30 | 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 | 0.46 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.73 | PHA(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 0163 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 44.64 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 273 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.98 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.14 | 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 | Absent | 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 0163 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | SulphateEndosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 525.2 |
| 34.9 | MethoxyChlor | µg/L | Absent | USEPA 508 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 525.2 |
| 34.11 | 2,4 DDD | µg/L | Absent | USEPA 508 |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyriphos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

Pesticides:Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, SulphateEndosulfan: 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 0164 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 02/05/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 03/05/2022 | Lab ID. : | BL/2205/05 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 03/05/2022 | Date of Completion of Test : | 12/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.15 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 6.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3054 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.83 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1692 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 6.4 | 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 | 526 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 410 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.28 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 489 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 158 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.16 | 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 | 0.11 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.08 | 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 | 104 | 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 0164 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 63.84 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 317 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.98 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.92 | 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 | Absent | 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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- 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 0164 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | SulphateEndosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | MethoxyChlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

Pesticides:Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, SulphateEndosulfan: 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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- OHSAS 18001 : 2007
- ISO 9001 : 2008

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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 0165 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 02/05/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 03/05/2022 | Lab ID. : | BL/2205/06 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 03/05/2022 | Date of Completion of Test : | 12/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.13 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 6.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2564 | 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 | 1872 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 5.3 | 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 | 416 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 423 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.17 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 492 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 160 | 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 | 0.083 | 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 | 0.098 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.41 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 78 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...

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

**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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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 0165 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 53.04 | 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 | 3.64 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 4.98 | 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 | Absent | 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 0165 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | SulphateEndosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | MethoxyChlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

Pesticides:Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, SulphateEndosulfan: 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 0166 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 02/05/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 03/05/2022 | Lab ID. : | BL/2205/07 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 03/05/2022 | Date of Completion of Test : | 12/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.02 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4163 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.58 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2812 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 7.56 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 39 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 640 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 396 | 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 | 632 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 158 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.31 | 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 | 0.148 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.210 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.463 | 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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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 0166 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 91.2 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 329 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 6.16 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 6.93 | 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 | Absent | 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 0166 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **HB7 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | SulphateEndosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | MethoxyChlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyriphos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenproprithrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

Pesticides:Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, SulphateEndosulfan: 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
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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 0167 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 02/05/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 03/05/2022 | Lab ID. | : BL/2205/08 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 03/05/2022 | Date of Completion of Test | : 12/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.82 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 7648 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.67 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 3496 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 12.7 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 71 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1524 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 360 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.18 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1840 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 183 | 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 | 0.089 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.27 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.075 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.468 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 226 | 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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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 0167 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 230 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 502 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.09 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 15.6 | 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 | Absent | 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 0167 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | SulphateEndosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 | |
| 34.9 | MethoxyChlor | µg/L | Absent | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenproprathrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

Pesticides:Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, SulphateEndosulfan: 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, Fenproprathrin: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 0168 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 02/05/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 03/05/2022 | Lab ID. | : BL/2205/09 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 03/05/2022 | Date of Completion of Test | : 12/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.96 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 9928 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 4.15 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 5960 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 23 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 149 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 2682 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 276 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.65 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 2110 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 197 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.49 | 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 | 0.693 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.346 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.713 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.685 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 642 | 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 0168 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 258 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 326 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.79 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 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 | Absent | 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 0168 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | SulphateEndosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | MethoxyChlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | o-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, SulphateEndosulfan: 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 0169 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 02/05/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 03/05/2022 | Lab ID. : | BL/2205/10 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 03/05/2022 | Date of Completion of Test : | 12/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.99 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 8138 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 9.3 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 4694 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 18.5 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 113 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 2302 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 336 | 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 | 1640 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 228 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.65 | 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 | 0.436 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.124 | 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 | 426 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...

**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: 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 0169 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

Sampling Location : **EB11 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 210 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 426 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 6.59 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 16.4 | 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 | Absent | 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 0169 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | SulphateEndosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 525.2 |
| 34.9 | MethoxyChlor | µg/L | Absent | USEPA 508 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 525.2 |
| 34.11 | 2,4 DDD | µg/L | Absent | USEPA 508 |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyriphos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

Pesticides:Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, SulphateEndosulfan: 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 0170 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit. /One |
| Date of Sampling : | 02/05/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 03/05/2022 | Lab ID. : | BL/2205/11 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 03/05/2022 | Date of Completion of Test : | 12/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.12 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | umhos/cm | 6514 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.82 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 3776 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 11.8 | 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 | 1396 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 425 | 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 | 1432 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 123 | 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 | 0.095 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.082 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.564 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.720 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 268 | 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 0170 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

| | |
|-------------------|------------------------|
| 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 | 354 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 8.46 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 10.3 | 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 | Absent | 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 0170 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | SulphateEndosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | MethoxyChlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

Pesticides:Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, SulphateEndosulfan: 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 0171 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 02/05/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 03/05/2022 | Lab ID. | : BL/2205/12 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 03/05/2022 | Date of Completion of Test | : 12/05/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.13 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3258 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.6 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1758 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 4.9 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 28 | 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 | 440 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.25 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 502 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 128 | 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 | 0.087 | 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 | 0.375 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.660 | 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

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 0171 |
| | Issue Date : | 12/05/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

Sampling Location : **HB6 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 46.08 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 474 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 8.43 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 7.32 | 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 | Absent | 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 0171 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | SulphateEndosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | MethoxyChlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyriphos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

Pesticides:Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, SulphateEndosulfan: 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 0185 Issue Date : 14/06/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

| | |
|--|--|
| Description of Sample : Ground Water sample | Quantity/No. of Samples : 05 Lit./One |
| Date of Sampling : 03/06/2022 | Sampling Procedure : IS:3025 |
| Sampling by : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : QC/Env. Monitoring |
| Sample Receipt Date : 04/06/2022 | Lab ID. : BL/2206/01 |
| Packing/ Seal : Sealed | Test Parameters : As per table |
| Date of Starting of Test : 04/06/2022 | Date of Completion of Test : 13/06/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.98 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 8.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 5874 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.45 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 3492 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 6.74 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 40 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1448 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 390 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.17 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1599 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 183 | 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 | 0.086 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.143 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.079 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.38 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 374 | 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 0185 Issue Date : 14/06/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 122 | 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 | 9.35 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 8.46 | 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 | Absent | 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, zine :0.05 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 0185 Issue Date : 14/06/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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 0186 Issue Date : 14/06/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **EB5 Up Stream**

| | |
|--|--|
| Description of Sample : Ground Water sample | Quantity/No. of Samples : 05 Lit./One |
| Date of Sampling : 03/06/2022 | Sampling Procedure : IS:3025 |
| Sampling by : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : QC/Env. Monitoring |
| Sample Receipt Date : 04/06/2022 | Lab ID. : BL/2206/02 |
| Packing/ Seal : Sealed | Test Parameters : As per table |
| Date of Starting of Test : 04/06/2022 | Date of Completion of Test : 13/06/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.97 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 4.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3825 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.41 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2384 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.62 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 5.0 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 794 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 430 | 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 | 1098 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 118 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.85 | 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 | 0.125 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.042 | 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 | 0.68 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 155 | 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 0186 |
| | Issue Date : | 14/06/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 97.44 | 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 | 4.50 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 2.0 | 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 | Absent | 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. zinc :0.05 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 0186 |
| | Issue Date : | 14/06/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

Sampling Location : **EB5 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | USEPA 525.2 |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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 0187 Issue Date : 14/06/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

| |
|---|
| Sampling Location : EB3 Down Stream (New) |
| Description of Sample : Ground Water sample Quantity/No. of Samples : 05 Lit./One |
| Date of Sampling : 03/06/2022 Sampling Procedure : IS:3025 |
| Sampling by : Pollucon Laboratories Pvt. Ltd. Protocol (purpose) : QC/Env. Monitoring |
| Sample Receipt Date : 04/06/2022 Lab ID. : BL/2206/03 |
| Packing/ Seal : Sealed Test Parameters : As per table |
| Date of Starting of Test : 04/06/2022 Date of Completion of Test : 13/06/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.59 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 3.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2087 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.75 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1398 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.86 | 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 | 468 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 274 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.40 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 329 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 142 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.29 | 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 | 0.084 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.073 | 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 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 70 | 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 0187 |
| | Issue Date : 14/06/2022 |
| | Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 70.32 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 216 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.27 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 3.12 | 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 | Absent | 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, zine :0.05 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 0187 |
| | Issue Date : | 14/06/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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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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 0188 Issue Date : 14/06/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 03/06/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 04/06/2022 | Lab ID. | : BL/2206/04 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/06/2022 | Date of Completion of Test | : 13/06/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.58 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 3.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2223 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.58 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 8.75 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 4.0 | 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 | 456 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 316 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.13 | 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 | 139 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.28 | 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 | 0.28 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.052 | 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 | 0.67 | PHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 84 | 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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 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 0188 |
| | Issue Date : 14/06/2022 |
| | Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 59.04 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 215 | 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 | 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 | Absent | 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. zinc :0.05 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 0188 |
| | Issue Date : | 14/06/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenproprithrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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

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 0189 |
| | Issue Date : | 14/06/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

Sampling Location : **HB5 Down Stream**

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 03/06/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 04/06/2022 | Lab ID. : | BL/2206/05 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 04/06/2022 | Date of Completion of Test : | 13/06/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.36 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 7.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2536 | 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 | 1652 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.58 | 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 | 544 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 428 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.13 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 439 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 160 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.97 | 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 | 0.078 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.022 | 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 | 118 | 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 0189 |
| | Issue Date : | 14/06/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |


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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 51.84 | 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 | 6.18 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 4.0 | 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 | Absent | 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. zinc :0.05 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 0189 |
| | Issue Date : | 14/06/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

Sampling Location : **HB5 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | USEPA 525.2 |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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

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 0190 Issue Date : 14/06/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 03/06/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 04/06/2022 | Lab ID. | : BL/2206/06 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/06/2022 | Date of Completion of Test | : 13/06/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.06 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2872 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.15 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 4.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1823 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 4.10 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 28 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 435 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 470 | 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 | 523 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 165 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.38 | 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 | 0.076 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.034 | 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 | 84 | 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 0190 |
| | Issue Date : 14/06/2022 |
| | Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 54 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 305 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 2.5 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 10.5 | 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 | Absent | 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, zinc :0.05 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 0190 |
| | Issue Date : | 14/06/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

Sampling Location : **HB4 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | USEPA 525.2 |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenproprithrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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

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 0191 |
| | Issue Date : | 14/06/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

Sampling Location : **HB7 Down Stream**

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 03/06/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 04/06/2022 | Lab ID. : | BL/2206/07 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 04/06/2022 | Date of Completion of Test : | 13/06/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.17 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 7.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4176 | 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 | 2737 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.0 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 35 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 618 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 422 | 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 | 68.6 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 189 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.10 | 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 | 0.045 | 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 | 88 | 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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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 0191 |
| | Issue Date : 14/06/2022 |
| | Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 95.52 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 440 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.5 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 11.20 | 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 | Absent | 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, zine :0.05 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 0191 Issue Date : 14/06/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **HB7 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | USEPA 525.2 |
| 34.18 | Chlorpyrifos | µg/L | Absent | |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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 0192 Issue Date : 14/06/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 03/06/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 04/06/2022 | Lab ID. | : BL/2206/08 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/06/2022 | Date of Completion of Test | : 13/06/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.93 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 6.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 5436 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.85 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 9.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 3534 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 6.85 | 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 | 1624 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 372 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.59 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1670 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 195 | 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 | 0.079 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.025 | 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)

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

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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 0192 |
| | Issue Date : 14/06/2022 |
| | Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 207 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 585 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.8 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 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 | Absent | 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, zine :0.05 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 0192 Issue Date : 14/06/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **EB9 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | USEPA 525.2 |
| 34.18 | Chlorpyrifos | µg/L | Absent | |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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 0193 Issue Date : 14/06/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **EB10 Up Stream**

| | |
|--|--|
| Description of Sample : Ground Water sample | Quantity/No. of Samples : 05 Lit./One |
| Date of Sampling : 03/06/2022 | Sampling Procedure : IS:3025 |
| Sampling by : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : QC/Env. Monitoring |
| Sample Receipt Date : 04/06/2022 | Lab ID. : BL/2206/09 |
| Packing/ Seal : Sealed | Test Parameters : As per table |
| Date of Starting of Test : 04/06/2022 | Date of Completion of Test : 13/06/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.75 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 6.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 7412 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 16.2 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 9.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 4830 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 12 | 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 | 2590 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 304 | 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 | 2251 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 173 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.28 | 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 | 0.580 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.032 | 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 | 0.628 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 704 | 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 0193 |
| | Issue Date : 14/06/2022 |
| | Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 199 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 320 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.30 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 15 | 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 | Absent | 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 0193 |
| | Issue Date : | 14/06/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

Sampling Location : **EB10 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | USEPA 525.2 |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenproprithrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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)

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 0194 Issue Date : 14/06/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 03/06/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 04/06/2022 | Lab ID. | : BL/2206/10 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 04/06/2022 | Date of Completion of Test | : 13/06/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.20 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 6.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 6701 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 15.2 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 9.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 4564 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 13 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 71 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 2330 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 371 | 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 | 1925 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 235 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.28 | 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 | 0.038 | 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 | 384 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

328.8Continue...



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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 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 0194 |
| | Issue Date : 14/06/2022 |
| | Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 328 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 485 | 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 | 15 | 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 | Absent | 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 0194 |
| | Issue Date : | 14/06/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

Sampling Location : **EB11 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | USEPA 525.2 |
| 34.18 | Chlorpyrifos | µg/L | Absent | |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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 0195 Issue Date : 14/06/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **HB1 Up Stream**

| | |
|--|--|
| Description of Sample : Ground Water sample | Quantity/No. of Samples : 05 Lit./One |
| Date of Sampling : 03/06/2022 | Sampling Procedure : IS:3025 |
| Sampling by : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : QC/Env. Monitoring |
| Sample Receipt Date : 04/06/2022 | Lab ID. : BL/2206/11 |
| Packing/ Seal : Sealed | Test Parameters : As per table |
| Date of Starting of Test : 04/06/2022 | Date of Completion of Test : 13/06/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.94 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 5605 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.89 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 4.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 3669 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.12 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 5.0 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 2338 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 462 | 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 | 1486 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 112 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.35 | 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 | 0.082 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.075 | 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 | 0.618 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 220 | 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 : 14/06/2022 |
| | Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 429 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 540 | 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 | 2.0 | 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 | Absent | 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 0195 Issue Date : 14/06/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **HB1 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenproprithrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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)

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

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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 0196 Issue Date : 14/06/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **HB6 Down Stream**

| | |
|--|--|
| Description of Sample : Ground Water sample | Quantity/No. of Samples : 05 Lit./One |
| Date of Sampling : 03/06/2022 | Sampling Procedure : IS:3025 |
| Sampling by : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : QC/Env. Monitoring |
| Sample Receipt Date : 04/06/2022 | Lab ID. : BL/2206/12 |
| Packing/ Seal : Sealed | Test Parameters : As per table |
| Date of Starting of Test : 04/06/2022 | Date of Completion of Test : 13/06/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.63 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 7.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2865 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.5 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1864 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.1 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 8.0 | 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 | 449 | 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 | 524 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 137 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.29 | 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 | 0.087 | 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 | 0.540 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 158 | 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 0196 |
| | Issue Date : 14/06/2022 |
| | Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 10.56 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 485 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.5 | 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 | Absent | 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 0196 |
| | Issue Date : | 14/06/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

Sampling Location : **HB6 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | USEPA 525.2 |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenproprithrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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

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 0202 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 04/07/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 05/07/2022 | Lab ID. : | BL/2207/04 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 05/07/2022 | Date of Completion of Test : | 15/07/2022 |

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 | 5887 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.73 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 3786 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 6.1 | 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 | 1650 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 416 | 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 | 1639 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 156 | 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 | 0.098 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.073 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.15 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.57 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 342 | 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 0202 Issue Date : 25/07/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 190 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 295 | 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 | 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 | Absent | 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 0202**
Issue Date : **25/07/2022**
Customer's Ref. : **W.O.No. 8521220045**
Dated: **19.04.2021**

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|------------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids (SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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



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 0203 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 04/07/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 05/07/2022 | Lab ID. : | BL/2207/05 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 05/07/2022 | Date of Completion of Test : | 15/07/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.12 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4034 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.58 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 9.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2594 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.88 | 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 | 673 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 394 | 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 | 1046 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 159 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.13 | 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 | 0.095 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.17 | 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 | 168 | 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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- Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
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- ISO 14001 : 2004
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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 0203 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

Sampling Location : **EB5 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 72 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 430 | 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 | 9.20 | 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 | Absent | 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 0203 Issue Date : 25/07/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **EB5 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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 0204 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 04/07/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 05/07/2022 | Lab ID. : | BL/2207/06 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 05/07/2022 | Date of Completion of Test : | 15/07/2022 |

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 | 2351 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.98 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1512 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.76 | 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 | 492 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 386 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.17 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 364 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 199 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.68 | 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 | 0.095 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.064 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.47 | 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 | 79.2 | 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

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 0204 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 70.56 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 235 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.20 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 3.72 | 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 | Absent | 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 0204 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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

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 0205 Issue Date : 25/07/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/07/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/07/2022 | Lab ID. | : BL/2207/07 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/07/2022 | Date of Completion of Test | : 15/07/2022 |

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 | 2530 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.81 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1627 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.45 | 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 | 470 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 368 | 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 | 382 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 176 | 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 | 0.37 | 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 | 0.35 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.59 | PHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 74 | 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 0205 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

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 | 175 | 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 | 4.93 | 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 | Absent | 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 0205 Issue Date : 25/07/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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 0206 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 04/07/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 05/07/2022 | Lab ID. : | BL/2207/08 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 05/07/2022 | Date of Completion of Test : | 15/07/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.28 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2824 | 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 | 1816 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.34 | 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 | 548 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 413 | 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 | 456 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 147 | 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 | 0.083 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.074 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.068 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.39 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 99.2 | 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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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 0206 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 72 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 310 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.5 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.32 | 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 | Absent | 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 0206 Issue Date : 25/07/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **HB5 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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 0207 Issue Date : 25/07/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/07/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/07/2022 | Lab ID. | : BL/2207/09 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/07/2022 | Date of Completion of Test | : 15/07/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.11 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 7.5 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3227 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.38 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 4.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2075 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 4.05 | 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 | 532 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 438 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.79 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 514 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 192 | 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 | 0.090 | 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 | 0.073 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.55 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 75 | 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.

● FSSAI Approved Lab ● 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

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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 0207 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 82.68 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 293 | 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 | 9.35 | 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 | Absent | 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 0207 Issue Date : 25/07/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **HB4 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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 0208 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

Sampling Location : **HB7 Down Stream**

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 04/07/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 05/07/2022 | Lab ID. : | BL/2207/10 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 05/07/2022 | Date of Completion of Test : | 15/07/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.31 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 8.5 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4655 | 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 | 2993 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.1 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 28 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 692 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 436 | 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 | 714 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 209 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.58 | 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 | 0.084 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.18 | 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 | 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 0208 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

Sampling Location : **HB7 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 101.28 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 435 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.6 | 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 | Absent | 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 : **HB7 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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 0209 Issue Date : 25/07/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

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

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/07/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/07/2022 | Lab ID. | : BL/2207/11 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/07/2022 | Date of Completion of Test | : 15/07/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.11 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 7.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 5684 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.82 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 9.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 3658 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 6.45 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 62 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1498 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 385 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.17 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1498 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 206 | 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 | 0.093 | 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 | 0.079 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.35 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 284 | 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 0209 Issue Date : 25/07/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|


Sampling Location : **EB9 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 189 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 405 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.4 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 20 | 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 | Absent | 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 0209 Issue Date : 25/07/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **EB9 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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 0210 Issue Date : 25/07/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **EB10 Up Stream**

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 04/07/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 05/07/2022 | Lab ID. | : BL/2207/12 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 05/07/2022 | Date of Completion of Test | : 15/07/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.69 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 8946 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 13 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 10 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 5752 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 30 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 98 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 2746 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 298 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.75 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 2052 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 192 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.58 | 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 | 0.679 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.45 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.38 | 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 | 700 | 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 0210 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 239 | 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 | 3.20 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 45 | 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 | Absent | 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 0210 Issue Date : 25/07/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **EB10 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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 0211 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

Sampling Location : **EB11 Up Stream**

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 04/07/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 05/07/2022 | Lab ID. : | BL/2207/13 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 05/07/2022 | Date of Completion of Test : | 15/07/2022 |

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 | 6949 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 10.38 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 12 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 4469 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 28 | 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 | 2274 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 386 | 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 | 1683 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 219 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.58 | 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 | 0.46 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.16 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.51 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 412 | 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 0211 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

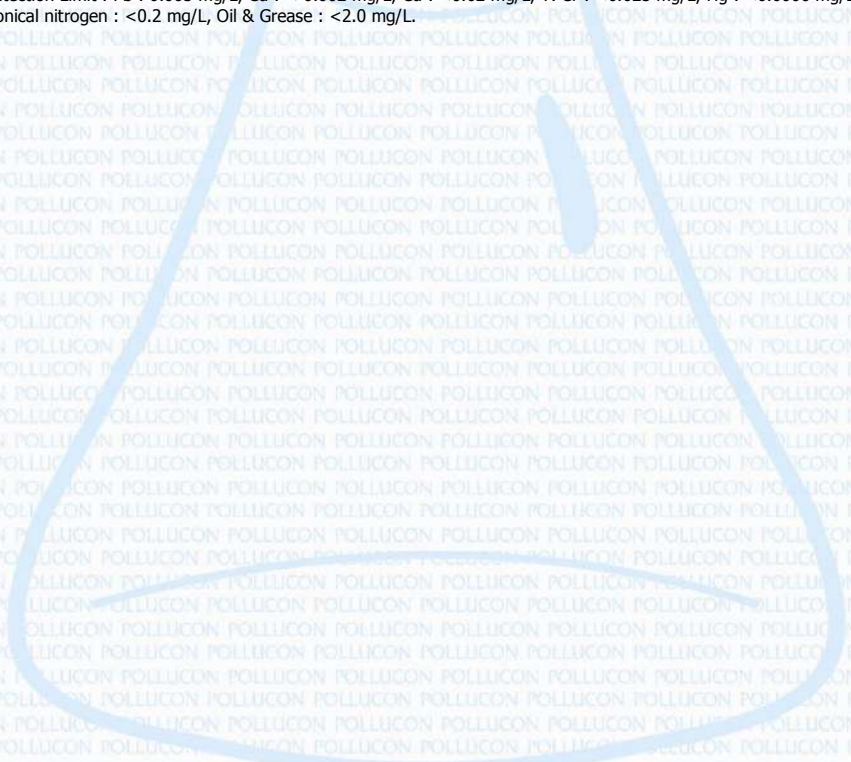
Sampling Location : **EB11 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 298 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 225 | 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 | 30 | 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 | Absent | 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 0211**
 Issue Date : **25/07/2022**
 Customer's Ref. : **W.O.No. 8521220045**
 Dated: **19.04.2021**

 Sampling Location : **EB11 Up Stream**
RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | USEPA 525.2 |
| 34.18 | Chlorpyrifos | µg/L | Absent | |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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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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 0212 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 |
| | | Dated:19.04.2021 |


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

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 04/07/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 05/07/2022 | Lab ID. : | BL/2207/14 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 05/07/2022 | Date of Completion of Test : | 15/07/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.05 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | umhos/cm | 5715 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.91 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 4.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 3675 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 1.24 | 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 | 1352 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 440 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.36 | IS :3025 (Part-34): Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1452 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 134 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.72 | 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 | 0.079 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.48 | 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 | 208 | 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 0212 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

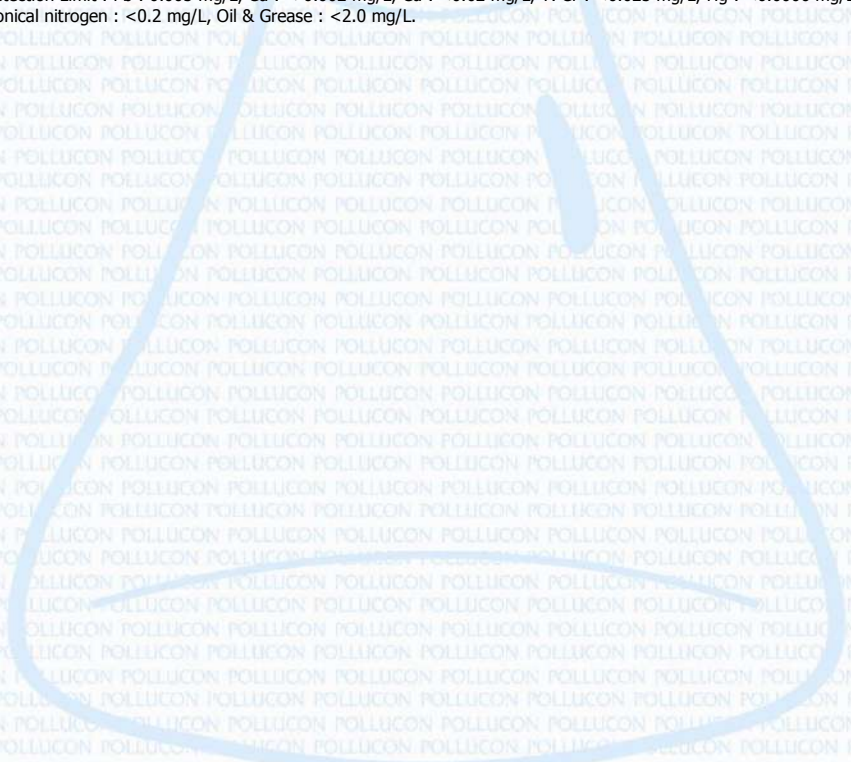
Sampling Location : **HB1 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 199 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 535 | 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 | 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 | Absent | 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 0212 Issue Date : 25/07/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **HB1 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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



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 0213 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

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

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 04/07/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 05/07/2022 | Lab ID. : | BL/2207/15 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 05/07/2022 | Date of Completion of Test : | 15/07/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.27 | IS 3025 (Part 11) |
| 2 | Colour | Co.pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3255 | 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 | 2093 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 2.4 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 2.1 | 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 | 416 | 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 | 556 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 180 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.56 | 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 | 0.086 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.097 | 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 | 162 | 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 0213 |
| | Issue Date : | 25/07/2022 |
| | Customer's Ref. : | W.O.No. 8521220045 Dated:19.04.2021 |

Sampling Location : **HB6 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 52.08 | 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 | 3.8 | 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 | Absent | 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 0213 Issue Date : 25/07/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

Sampling Location : **HB6 Down Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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 0245 |
| | | Issue Date : 15/08/2022 |
| | | 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 : 05/08/2022 | Sampling Procedure : IS:3025 | |
| Sampling by : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : QC/Env. Monitoring | |
| Sample Receipt Date : 06/08/2022 | Lab ID. : BL/2208/04 | |
| Packing/ Seal : Sealed | Test Parameters : As per table | |
| Date of Starting of Test : 06/08/2022 | Date of Completion of Test : 15/08/2022 | |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|--|
| 1 | pH | -- | 7.40 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 5384 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.56 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 12 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 3872 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 4.0 | 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 | 1695 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 422 | 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 | 1706 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 164 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.52 | 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 | 0.098 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.11 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.68 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 356 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...**H. T. Shah
Lab. Manager****Dr. ArunBajpai
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 0245 |
| | Issue Date : | 15/08/2022 |
| | 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 | 193 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 310 | 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 | 5.0 | 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 | Absent | 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. ArunBajpai
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 0245 Issue Date : 15/08/2022 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 | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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. ArunBajpai
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 0246 Issue Date : 15/08/2022 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 : 05/08/2022 Sampling Procedure : IS:3025 Sampling by : Pollucon Laboratories Pvt. Ltd. Protocol (purpose) : QC/Env. Monitoring Sample Receipt Date : 06/08/2022 Lab ID. : BL/2208/05 Packing/ Seal : Sealed Test Parameters : As per table Date of Starting of Test : 06/08/2022 Date of Completion of Test : 15/08/2022 | |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.26 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 7.0 | IS 3025 (Part 4) |
| 3 | Conductivity | umhos/cm | 4172 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.63 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 15.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2631 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 7.2 | 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 | 726 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 368 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.84 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1079 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 168 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.46 | 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 | 0.165 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.102 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.14 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.68 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 174 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...



H. T. Shah
Lab. Manager

Dr. ArunBajpai
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 0246 |
| | Issue Date : | 15/08/2022 |
| | 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 | 69.9 | 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 | 5.0 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 7.0 | 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 | Absent | 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. ArunBajpai
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 0246 Issue Date : 15/08/2022 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 | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | o-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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, 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. ArunBajpai
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 0247 |
| | Issue Date : 15/08/2022 |
| | 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 : 05/08/2022 | Sampling Procedure : IS:3025 |
| Sampling by : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : QC/Env. Monitoring |
| Sample Receipt Date : 06/08/2022 | Lab ID. : BL/2208/06 |
| Packing/ Seal : Sealed | Test Parameters : As per table |
| Date of Starting of Test : 06/08/2022 | Date of Completion of Test : 15/08/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.53 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 6.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2448 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 1.10 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 12 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1559 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.88 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 10 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 490 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 374 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.59 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 389 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 210 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.74 | 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 | 0.12 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.083 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.39 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.68 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 84 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...

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

**Dr. ArunBajpai
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 0247 |
| | Issue Date : | 15/08/2022 |
| | 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 | 67.2 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 270 | 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 | 2.4 | 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 | Absent | 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. ArunBajpai
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 0247 |
| | Issue Date : | 15/08/2022 |
| | 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 | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyriphos | µg/L | Absent | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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. ArunBajpai
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 0248**
 Issue Date : **15/08/2022**
 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 : **05/08/2022** Sampling Procedure : **IS:3025**
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**
 Sample Receipt Date : **06/08/2022** Lab ID. : **BL/2208/07**
 Packing/ Seal : **Sealed** Test Parameters : **As per table**
 Date of Starting of Test : **06/08/2022** Date of Completion of Test : **15/08/2022**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.51 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 8.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2609 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.95 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 13 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1672 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 4.0 | 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 | 426 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 380 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.36 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 301 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 185 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.45 | 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 | 0.41 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.33 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.56 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.73 | PHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 80 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...

H. T. Shah
Lab. Manager

Dr. ArunBajpai
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: 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 0248 |
| | Issue Date : | 15/08/2022 |
| | 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 | 54.24 | 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 | 6.0 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.0 | 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 | Absent | 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. ArunBajpai
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 0248 Issue Date : 15/08/2022 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 | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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. ArunBajpai
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 0249 Issue Date : 15/08/2022 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 | : 05/08/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 06/08/2022 | Lab ID. | : BL/2208/08 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 06/08/2022 | Date of Completion of Test | : 15/08/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.47 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2999 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.96 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 17 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1872 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 4.0 | 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 | 574 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 425 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.79 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 483 | APHA(23 rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 159 | 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 | 0.104 | APHA (23 rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.088 | APHA (23 rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.076 | 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 | 104 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...



H. T. Shah
Lab. Manager

Dr. ArunBajpai
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 0249 |
| | Issue Date : | 15/08/2022 |
| | 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 | 75.36 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 330 | 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 | 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 | Absent | 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. ArunBajpai
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 0249 Issue Date : 15/08/2022 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 | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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. ArunBajpai
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 0250 |
| | Issue Date : | 15/08/2022 |
| | 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 : | 05/08/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 06/08/2022 | Lab ID. : | BL/2208/09 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 06/08/2022 | Date of Completion of Test : | 15/08/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.29 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3396 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.6 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 10 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2117 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 6.0 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 32 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 546 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 453 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.10 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 529 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 204 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.30 | 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 | 0.11 | 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 | 0.092 | 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 | 80 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...

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

**Dr. ArunBajpai
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 0250 |
| | Issue Date : | 15/08/2022 |
| | 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 | 83.04 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 330 | 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 | 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 | Absent | 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. ArunBajpai
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 0250 Issue Date : 15/08/2022 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 | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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. ArunBajpai
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 0251 Issue Date : 15/08/2022 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 : 05/08/2022 | Sampling Procedure : IS:3025 |
| Sampling by : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : QC/Env. Monitoring |
| Sample Receipt Date : 06/08/2022 | Lab ID. : BL/2208/10 |
| Packing/ Seal : Sealed | Test Parameters : As per table |
| Date of Starting of Test : 06/08/2022 | Date of Completion of Test : 15/08/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.56 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 4803 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.88 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 14.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 3057 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 7.2 | 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 | 710 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 449 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.83 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 734 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 123 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.62 | 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 | 0.075 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.062 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.12 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.60 | 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. ArunBajpai
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 0251**
Issue Date : **15/08/2022**
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 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 455 | 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 | 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 | Absent | 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. ArunBajpai
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 0251 Issue Date : 15/08/2022 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 | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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. ArunBajpai
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 0252 |
| | Issue Date : | 15/08/2022 |
| | 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 : | 05/08/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 06/08/2022 | Lab ID. : | BL/2208/11 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 06/08/2022 | Date of Completion of Test : | 15/08/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.02 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 5702 | 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 | 3508 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 8.0 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 48 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1523 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 398 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.45 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1525 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 229 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.72 | 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 | 0.23 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.089 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.6 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 290 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...

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

**Dr. ArunBajpai
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: 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 0252 Issue Date : 15/08/2022 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 | 216 | 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 | 6.0 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 16 | 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 | Absent | 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. ArunBajpai
 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 0252 Issue Date : 15/08/2022 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 | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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. ArunBajpai
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 0253 Issue Date : 15/08/2022 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 : 05/08/2022 | Sampling Procedure : IS:3025 |
| Sampling by : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : QC/Env. Monitoring |
| Sample Receipt Date : 06/08/2022 | Lab ID. : BL/2208/12 |
| Packing/ Seal : Sealed | Test Parameters : As per table |
| Date of Starting of Test : 06/08/2022 | Date of Completion of Test : 15/08/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 6.83 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 9017 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 16 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 15 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 5993 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 24 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 80 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 2769 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 321 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 4.15 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 2079 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 216 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 315 | 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 | 0.81 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.62 | 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 | 0.63 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 712 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...

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

**Dr. ArunBajpai
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 0253 |
| | Issue Date : | 15/08/2022 |
| | 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 | 237 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 600 | 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 | 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 | Absent | 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. ArunBajpai
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 0253 Issue Date : 15/08/2022 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 | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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. ArunBajpai
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 0254 |
| | Issue Date : | 15/08/2022 |
| | 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 : | 05/08/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 06/08/2022 | Lab ID. : | BL/2208/13 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 06/08/2022 | Date of Completion of Test : | 15/08/2022 |

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 | 7029 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 12 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 15 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 4510 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 24 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 80 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 2318 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 399 | 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 | 1699 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 236 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 3.12 | 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 | 0.075 | 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 | 0.11 | 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 | 420 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...

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

**Dr. ArunBajpai
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: 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 0254**
Issue Date : **15/08/2022**
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 | 304 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 240 | 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 | 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 | Absent | 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. ArunBajpai
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 0254 Issue Date : 15/08/2022 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 | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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. ArunBajpai
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 0255 Issue Date : 15/08/2022 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 | : 05/08/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 06/08/2022 | Lab ID. | : BL/2208/14 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 06/08/2022 | Date of Completion of Test | : 15/08/2022 |

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 | 5783 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.99 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 3788 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 7.2 | 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 | 1380 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 456 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.63 | IS :3025 (Part-34): Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1469 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 155 | 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 | 0.083 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.066 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.34 | 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 | 212 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...



H. T. Shah
Lab. Manager

Dr. ArunBajpai
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 0255**
Issue Date : **15/08/2022**
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 | 228 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 560 | 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 | 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 | Absent | 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. ArunBajpai
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 0255 Issue Date : 15/08/2022 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 | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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. ArunBajpai
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 0256 |
| | Issue Date : | 15/08/2022 |
| | 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 : | 05/08/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 06/08/2022 | Lab ID. : | BL/2208/15 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 06/08/2022 | Date of Completion of Test : | 15/08/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.36 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 20 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 3369 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.72 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 11 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2156 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 6.0 | 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 | 656 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 427 | 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 | 569 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 201 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.94 | 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 | 0.095 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.10 | 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 | 0.68 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 168 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...

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

**Dr. ArunBajpai
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 0256 |
| | Issue Date : | 15/08/2022 |
| | 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 | 56.64 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 470 | 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 | 7.0 | 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 | Absent | 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. ArunBajpai
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 0256 |
| | Issue Date : | 15/08/2022 |
| | 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 | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyriphos | µg/L | Absent | |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | USEPA 525.2 |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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. ArunBajpai
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 0257 |
| | Issue Date : | 17/08/2022 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|---------------------|------------------|
| Sampling Location : | GIDC POND |
|---------------------|------------------|

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Surface Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 06/08/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 08/08/2022 | Lab ID. : | BL/2208/25 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 08/08/2022 | Date of Completion of Test : | 17/08/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 8.21 | IS 3025 (Part – 11) Electrometric Method |
| 2 | Colour | Hazen | 8.0 | IS 3025 (Part – 4) |
| 3 | Conductivity | µmhos/cm | 401 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.55 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 221 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | Not Detected | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | Not Detected | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 104 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 111 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 0.58 | IS :3025 (Part-34) Clause 2.3(Reaffirmed) |
| 12 | Chlorides as Cl | mg/L | 10.9 | IS 3025 (Part – 32) Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 13.8 | IS 3025 (Part-24) |
| 14 | Nitrate | mg/L | 0.36 | 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 | IS 3025 (Part-48) |
| 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 | 0.035 | APHA (23 rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.046 | APHA (23 rd Edition) 3111 B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23 rd Edition) 3111 B |

Continue...

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

**Dr. ArunBajpai
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 0257 Issue Date : 17/08/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

| | |
|-------------------|--------------------|
| Sampling Location | : GIDC POND |
|-------------------|--------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|--|
| 26 | Fluorides as F | mg/L | 0.30 | APHA (23 rd Edition) 4500 F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 24 | IS 3025 (Part – 40) EDTA Titrimetric Method) |
| 28 | Magnesium as Mg | mg/L | 10.56 | IS 3025 (Part – 46) EDTA Method |
| 29 | Sodium as Na | mg/L | 8.0 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 1.2 | APHA (23 rd Edition) 3500 K B/ Flame Photometer |
| 31 | BOD | mg/L | Not Detected | 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 | Absent | USEPA 508 / USEPA 525.2 / USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Potassium : <0.1 mg/L, BOD : <0.1 mg/L, COD : <5 mg/L, TOC : <0.1 mg/L, Zinc as Zn:0.05mg/L, Pesticides : 0.1 µg/L. **attached pesticides list.


H. T. Shah
 Lab. Manager

Dr. ArunBajpai
 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 0257 Issue Date : 17/08/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

| | |
|-------------------|--------------------|
| Sampling Location | : GIDC POND |
|-------------------|--------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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. ArunBajpai
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

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 0258 |
| | Issue Date : | 17/08/2022 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|---------------------|------------------|
| Sampling Location : | GNFC POND |
|---------------------|------------------|

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Surface Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 06/08/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 08/08/2022 | Lab ID. : | BL/2208/26 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 08/08/2022 | Date of Completion of Test : | 17/08/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.95 | IS 3025 (Part – 11) Electrometric Method |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part – 4) |
| 3 | Conductivity | µmhos/cm | 317 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.33 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 8.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 318 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | Not Detected | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | Not Detected | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 116 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 115 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 0.45 | IS :3025 (Part-34) Clause 2.3(Reaffirmed) |
| 12 | Chlorides as Cl | mg/L | 99.9 | IS 3025 (Part – 32) Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 13.4 | IS 3025 (Part-24) |
| 14 | Nitrate | mg/L | Not Detected | 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 | IS 3025 (Part-48) |
| 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 | 0.039 | APHA (23 rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.046 | APHA (23 rd Edition) 3111 B |
| 25 | Zinc as Zn | mg/L | Not Detected | APHA (23 rd Edition) 3111 B |

Continue...

H. T. Shah
Lab. Manager

Dr. ArunBajpai
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 0258 |
| | Issue Date : | 17/08/2022 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|---------------------|------------------|
| Sampling Location : | GNFC POND |
|---------------------|------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|--|
| 26 | Fluorides as F | mg/L | 0.40 | APHA (23 rd Edition) 4500 F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 34 | IS 3025 (Part – 40) EDTA Titrimetric Method) |
| 28 | Magnesium as Mg | mg/L | 7.44 | IS 3025 (Part – 46) EDTA Method |
| 29 | Sodium as Na | mg/L | 14 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.0 | APHA (23 rd Edition) 3500 K B/ Flame Photometer |
| 31 | BOD | mg/L | Not Detected | 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 | Absent | USEPA 508 / USEPA 525.2 / USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, BOD : <0.1 mg/L, COD : <5 mg/L, TOC : <0.1 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.


H. T. Shah
Lab. Manager

Dr. ArunBajpai
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 0258 Issue Date : 17/08/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

Sampling Location : **GNFC POND**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 | |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 | |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 | |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 | |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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. ArunBajpai
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

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 0259**
Issue Date : **17/08/2022**
Customer's Ref. : **W.O.No. 8522230050**
Dated:21.04.2022

Sampling Location : **CM Tank**

Description of Sample : **Ground Water sample** Quantity/No. of Samples : **05 Lit./One**
Date of Sampling : **06/08/2022** Sampling Procedure : **IS:3025**
Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**
Sample Receipt Date : **08/08/2022** Lab ID. : **BL/2208/27**
Packing/ Seal : **Sealed** Test Parameters : **As per table**
Date of Starting of Test : **08/08/2022** Date of Completion of Test : **17/08/2022**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.65 | IS 3025 (Part – 11) Electrometric Method |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part – 4) |
| 3 | Conductivity | µmhos/cm | 2601 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.88 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 10 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1599 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 7.0 | 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 | 544 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 498 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.72 | IS :3025 (Part-34) Clause 2.3(Reaffirmed) |
| 12 | Chlorides as Cl | mg/L | 769 | IS 3025 (Part – 32) Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 239 | IS 3025 (Part-24) |
| 14 | Nitrate | mg/L | 1.40 | 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 | IS 3025 (Part-48) |
| 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 | 0.29 | APHA (23 rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.11 | APHA (23 rd Edition) 3111 B |
| 25 | Zinc as Zn | mg/L | 0.065 | APHA (23 rd Edition) 3111 B |

Continue...

H. T. Shah
Lab. Manager

Dr. ArunBajpai
Lab Manager (Q)

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

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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 0259**
Issue Date : **17/08/2022**
Customer's Ref. : **W.O.No. 8522230050**
Dated:21.04.2022

Sampling Location : **CM Tank**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|--|
| 26 | Fluorides as F | mg/L | 0.60 | APHA (23 rd Edition) 4500 F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 100 | IS 3025 (Part – 40) EDTA Titrimetric Method) |
| 28 | Magnesium as Mg | mg/L | 94.56 | IS 3025 (Part – 46) EDTA Method |
| 29 | Sodium as Na | mg/L | 280 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 8.0 | APHA (23 rd Edition) 3500 K B/ Flame Photometer |
| 31 | BOD | mg/L | 7.4 | IS 3025 (PART-44) |
| 32 | Ammonical Nitrogen | mg/L | 1.6 | IS 3025 (Part-34) Nesslerization Method |
| 33 | O&G | mg/L | Not Detected | APHA (23 rd Edition) 5520 B |
| 34 | Pesticides** | µg/L | Absent | USEPA 508 / USEPA 525.2 / USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.


H. T. Shah
Lab. Manager

Dr. ArunBajpai
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 0259 Issue Date : 17/08/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

| | |
|-------------------|------------------|
| Sampling Location | : CM Tank |
|-------------------|------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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. ArunBajpai
Lab Manager (Q)

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- 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

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 0260 |
| | Issue Date : | 17/08/2022 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|---------------------|------------------------------|
| Sampling Location : | Jitali Gram Panchayat |
|---------------------|------------------------------|

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 06/08/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 08/08/2022 | Lab ID. : | BL/2208/28 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 08/08/2022 | Date of Completion of Test : | 17/08/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.47 | IS 3025 (Part – 11) Electrometric Method |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part – 4) |
| 3 | Conductivity | µmhos/cm | 2296 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.54 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | Not Detected | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1523 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.3 | 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 | 579 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 386 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.51 | IS :3025 (Part-34) Clause 2.3(Reaffirmed) |
| 12 | Chlorides as Cl | mg/L | 429 | IS 3025 (Part – 32) Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 121 | IS 3025 (Part-24) |
| 14 | Nitrate | mg/L | 1.48 | 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 | IS 3025 (Part-48) |
| 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 | 0.039 | APHA (23 rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.18 | APHA (23 rd Edition) 3111 B |
| 25 | Zinc as Zn | mg/L | 0.044 | APHA (23 rd Edition) 3111 B |

Continue...

H. T. Shah
Lab. Manager

Dr. ArunBajpai
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.



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 0260 Issue Date : 17/08/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

Sampling Location : **Jitali Gram Panchayat**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|--|
| 26 | Fluorides as F | mg/L | 0.58 | APHA (23 rd Edition) 4500 F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 132 | IS 3025 (Part – 40) EDTA Titrimetric Method) |
| 28 | Magnesium as Mg | mg/L | 59.76 | IS 3025 (Part – 46) EDTA Method |
| 29 | Sodium as Na | mg/L | 315 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 6.0 | APHA (23 rd Edition) 3500 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 | Absent | USEPA 508 / USEPA 525.2 / USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : <0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, TOC : <0.1 mg/L, Pesticides : 0.1 µg/L. Zinc as Zn:0.05mg/L. **attached pesticides list.


H. T. Shah
Lab. Manager

Dr. ArunBajpai
Lab Manager (Q)

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- ISO 9001 : 2008

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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 0260 Issue Date : 17/08/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

| | |
|-------------------|--------------------------------|
| Sampling Location | : Jitali Gram Panchayat |
|-------------------|--------------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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. ArunBajpai
 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

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 0261 |
| | Issue Date : | 17/08/2022 |
| | Customer's Ref. : | W.O.No. 8522230050 Dated:21.04.2022 |

| | |
|---------------------|--------------------------|
| Sampling Location : | Jitali Navinagari |
|---------------------|--------------------------|

| | | | |
|----------------------------|--|------------------------------|---------------------------|
| Description of Sample : | Ground Water sample | Quantity/No. of Samples : | 05 Lit./One |
| Date of Sampling : | 06/08/2022 | Sampling Procedure : | IS:3025 |
| Sampling by : | Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) : | QC/Env. Monitoring |
| Sample Receipt Date : | 08/08/2022 | Lab ID. : | BL/2208/29 |
| Packing/ Seal : | Sealed | Test Parameters : | As per table |
| Date of Starting of Test : | 08/08/2022 | Date of Completion of Test : | 17/08/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.49 | IS 3025 (Part – 11) Electrometric Method |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part – 4) |
| 3 | Conductivity | µmhos/cm | 2257 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.95 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 12 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2319 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 4.40 | 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 | 739 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 368 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.63 | IS :3025 (Part-34) Clause 2.3(Reaffirmed) |
| 12 | Chlorides as Cl | mg/L | 639 | IS 3025 (Part – 32) Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 162 | IS 3025 (Part-24) |
| 14 | Nitrate | mg/L | 1.29 | 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 | IS 3025 (Part-48) |
| 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 | 0.056 | APHA (23 rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.28 | APHA (23 rd Edition) 3111 B |
| 25 | Zinc as Zn | mg/L | 0.063 | APHA (23 rd Edition) 3111 B |

Continue...

H. T. Shah
Lab. Manager

Dr. ArunBajpai
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 0261 Issue Date : 17/08/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

| |
|--|
| Sampling Location : Jitali Navinagari |
|--|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|--|
| 26 | Fluorides as F | mg/L | 0.68 | APHA (23 rd Edition) 4500 F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 104 | IS 3025 (Part – 40) EDTA Titrimetric Method) |
| 28 | Magnesium as Mg | mg/L | 66.96 | 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 | 5.0 | APHA (23 rd Edition) 3500 K B/ Flame Photometer |
| 31 | BOD | mg/L | 4.5 | 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 | Absent | USEPA 508 / USEPA 525.2 / USEPA 532 |

BDL*: Below Detection Limit, Detection Limit : Pb : <0.005 mg/L, Cd : < 0.004 mg/L, Cu : <0.02 mg/L, T. Cr : <0.025 mg/L, Hg : <0.001 mg/L, Ni : <0.02 mg/L, CN : <0.0001 mg/L, As : <0.001 mg/L, Ammonical nitrogen : <0.2 mg/L, Oil & Grease : <2 mg/L, Pesticides : 0.1 µg/L, Zinc as Zn:0.05mg/L. **attached pesticides list.


H. T. Shah
Lab. Manager

Dr. ArunBajpai
Lab Manager (Q)

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- ISO 9001 : 2008

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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 0261 Issue Date : 17/08/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

Sampling Location : **Jitali Navinagari**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenprothrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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. ArunBajpai
Lab Manager (Q)

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

- FSSAI Approved Lab
- Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
- GPCB apprved 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: 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 0265 Issue Date : 15/09/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

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

RESULT TABLE

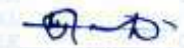
| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 166 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 273 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.6 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.8 | 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 | Absent | 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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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- 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

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 0265 Issue Date : 15/09/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

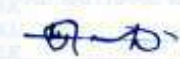
| | |
|-------------------|-------------------------|
| Sampling Location | : EB-4 Up Stream |
|-------------------|-------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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: 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 0266 |
| | Issue Date | : 15/09/2022 |
| | Customer's Ref. | : W.O.No. 8522230050 Dated:21.04.2022 |

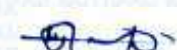
| | |
|-------------------|------------------------|
| Sampling Location | : EB5 Up Stream |
|-------------------|------------------------|

| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 05/09/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 06/09/2022 | Lab ID. | : BL/2209/05 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 06/09/2022 | Date of Completion of Test | : 15/09/2022 |

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 | 3810 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.51 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2678 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 4.7 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 33 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 612 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 378 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.28 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 914 | APHA(23 rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 193 | APHA(23 rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.27 | 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 | 0.178 | APHA (23 rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.209 | APHA (23 rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.52 | APHA(23 rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 146 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


Dr. Arun Bajpai
Lab Manager(Q)

H. T. Shah
Lab. Manager

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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 0266 Issue Date : 15/09/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

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

RESULT TABLE

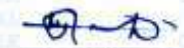
| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 592 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 385 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.1 | IS 3025 (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 | Absent | 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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0266 |
| | Issue Date | : 15/09/2022 |
| | Customer's Ref. | : W.O.No. 8522230050 |
| | | : Dated:21.04.2022 |

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

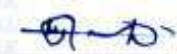
RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenprothrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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.



Dr. Arun Bajpai
Lab Manager(Q)



H. T. Shah
Lab. Manager

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

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 0267 Issue Date : 15/09/2022 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 | : 05/09/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 06/09/2022 | Lab ID. | : BL/2209/06 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 06/09/2022 | Date of Completion of Test | : 15/09/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.41 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2216 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.86 | 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 | 2.3 | 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 | 456 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 340 | 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 | 358 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 179 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.58 | 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 | 0.086 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.064 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.479 | 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 | 93.6 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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: 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 0267 Issue Date : 15/09/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

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

RESULT TABLE

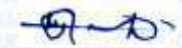
| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 53.28 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 209 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.86 | IS 3025 (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 | Absent | 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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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- ISO 9001 : 2008

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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 0267 Issue Date : 15/09/2022 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 | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyriphos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0268 Issue Date : 15/09/2022 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 | : 05/09/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 06/09/2022 | Lab ID. | : BL/2209/07 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 06/09/2022 | Date of Completion of Test | : 15/09/2022 |

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 | 2158 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.79 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1384 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 3.5 | 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 | 406 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 374 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.86 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 314 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 198 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.73 | 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 | 0.354 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.294 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.380 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.54 | PHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 72 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0268 |
| | Issue Date : | 15/09/2022 |
| | 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 | 54.24 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 186 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.25 | 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 | Absent | 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



Dr. Arun Bajpai
Lab Manager(Q)

H. T. Shah
Lab. Manager

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- ISO 14001 : 2004
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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 0268 Issue Date : 15/09/2022 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 | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0269 Issue Date : 15/09/2022 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 | : 05/09/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 06/09/2022 | Lab ID. | : BL/2209/08 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 06/09/2022 | Date of Completion of Test | : 15/09/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.59 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 10 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2799 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.82 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 1942 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 5.2 | 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 | 468 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 392 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.56 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 412 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 137 | 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 | 0.093 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.074 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.082 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.57 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 87.2 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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: 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 0269 |
| | Issue Date : | 15/09/2022 |
| | 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 | 60 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 305 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 6.17 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 5.7 | 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 | Absent | 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



Dr. Arun Bajpai
Lab Manager(Q)

H. T. Shah
Lab. Manager

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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 0269 Issue Date : 15/09/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

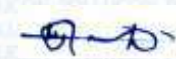
| | |
|-------------------|--------------------------|
| Sampling Location | : HB5 Down Stream |
|-------------------|--------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0270 Issue Date : 15/09/2022 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 | : 05/09/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 06/09/2022 | Lab ID. | : BL/2209/09 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 06/09/2022 | Date of Completion of Test | : 15/09/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.16 | IS 3025 (Part 11) |
| 2 | Colour | Hazen | 5.0 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 2183 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.49 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 5.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 1836 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 4.2 | 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 | 516 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 396 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.53 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 556 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 182 | 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 | 0.086 | 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 | 0.084 | 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 | 96 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0270 Issue Date : 15/09/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

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

RESULT TABLE

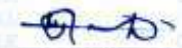
| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 66.24 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 198 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.17 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 6.3 | 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 | Absent | 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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0270 Issue Date : 15/09/2022 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 | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

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 | : 05/09/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 06/09/2022 | Lab ID. | : BL/2209/10 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 06/09/2022 | Date of Completion of Test | : 15/09/2022 |

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 | 4362 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.684 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 7.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 2899 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 6.2 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 32 | 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 | 403 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.34 | 71S :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 782 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 196 | 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 | 0.099 | 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 | 0.216 | 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 | 110 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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: 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 0271 Issue Date : 15/09/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

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

RESULT TABLE

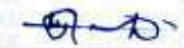
| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 81.36 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 369 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.12 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 7.3 | 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 | Absent | 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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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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 | : HB7 Down Stream |
|-------------------|--------------------------|

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|-----------------------------------|-------------------------|------|--------|----------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0272 Issue Date : 15/09/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

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

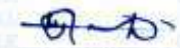
| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 05/09/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 06/09/2022 | Lab ID. | : BL/2209/11 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 06/09/2022 | Date of Completion of Test | : 15/09/2022 |

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 | 5306 | 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 | 3465 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 9.0 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 57 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 1328 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 334 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.98 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1424 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 186 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.93 | 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 | 0.086 | 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 | 0.071 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.46 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 266 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0272 |
| | Issue Date : | 15/09/2022 |
| | 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 | 158 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 446 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 3.78 | 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 | Absent | 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



Dr. Arun Bajpai
Lab Manager(Q)

H. T. Shah
Lab. Manager

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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 0272 Issue Date : 15/09/2022 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 | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

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|---|---|

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


| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 05/09/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 06/09/2022 | Lab ID. | : BL/2209/12 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 06/09/2022 | Date of Completion of Test | : 15/09/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.24 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 9395 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 6.24 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 10 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 6088 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 20 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 95 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 2663 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 338 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 3.92 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 2068 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 220 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.99 | 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 | 0.592 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.480 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.56 | 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 | 612 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0273 Issue Date : 15/09/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

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

RESULT TABLE

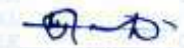
| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 271 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 401 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 7.30 | IS 3025 (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 | Absent | 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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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.**

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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 0273 Issue Date : 15/09/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

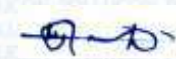
Sampling Location : **EB10 Up Stream**

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED | |
|-----------------------------------|-------------------------|------|--------|----------------|-------------|
| 34.1 | Aldrin | µg/L | Absent | USEPA 508 | |
| 34.2 | Dicofol | µg/L | Absent | | |
| 34.3 | Dieldrin | µg/L | Absent | | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | | |
| 34.5 | Beta Endosulfan | µg/L | Absent | | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | | |
| 34.7 | Heptachlor | µg/L | Absent | | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | | |
| 34.12 | 4,4 DDE | µg/L | Absent | | |
| 34.13 | 4,4 DDT | µg/L | Absent | | |
| 34.14 | Alpha-HCH | µg/L | Absent | | |
| 34.15 | Beta-HCH | µg/L | Absent | | |
| 34.16 | Gamma-HCH | µg/L | Absent | | |
| 34.17 | σ-HCH | µg/L | Absent | | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 | |
| 34.19 | Dimethoate | µg/L | Absent | | |
| 34.20 | Ethion | µg/L | Absent | | |
| 34.21 | Malathion | µg/L | Absent | | |
| 34.22 | Monocrotophos | µg/L | Absent | | |
| 34.23 | Parathion-Methyl | µg/L | Absent | | |
| 34.24 | Phorate | µg/L | Absent | | |
| 34.25 | Phosphamidon | µg/L | Absent | | |
| 34.26 | Profenophos | µg/L | Absent | | |
| 34.27 | Quinaphos | µg/L | Absent | | |
| Synthetic Pyrethroids(SPs) | | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 | |
| 34.29 | Fenpropethrin | µg/L | Absent | | |
| 34.30 | Fenvalerate | µg/L | Absent | | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | | |
| 34.33 | Cyhalothrin | µg/L | Absent | | |
| Herbicides | | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 | |
| 34.35 | Butachlor | µg/L | Absent | | |
| 34.36 | Fluchloralin | µg/L | Absent | | |
| 34.37 | Pendimethalin | µg/L | Absent | | |

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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0274 Issue Date : 15/09/2022 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 | : 05/09/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 06/09/2022 | Lab ID. | : BL/2209/13 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 06/09/2022 | Date of Completion of Test | : 15/09/2022 |

RESULT TABLE

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|------------------------------|----------|--------------|---|
| 1 | pH | -- | 7.19 | IS 3025 (Part 11) |
| 2 | Colour | Co-pt | 15 | IS 3025 (Part 4) |
| 3 | Conductivity | µmhos/cm | 6632 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 8.4 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 9.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 4329 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 26 | APHA (23 rd Edition) 5310 B |
| 8 | COD | mg/L | 92 | APHA (23 rd Edition) 5220 B Open Reflux Method |
| 9 | Total Hardness | mg/L | 2036 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 350 | 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 | 1429 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 206 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 2.73 | 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 | 0.090 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.58 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.156 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.780 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 364 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0274 Issue Date : 15/09/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

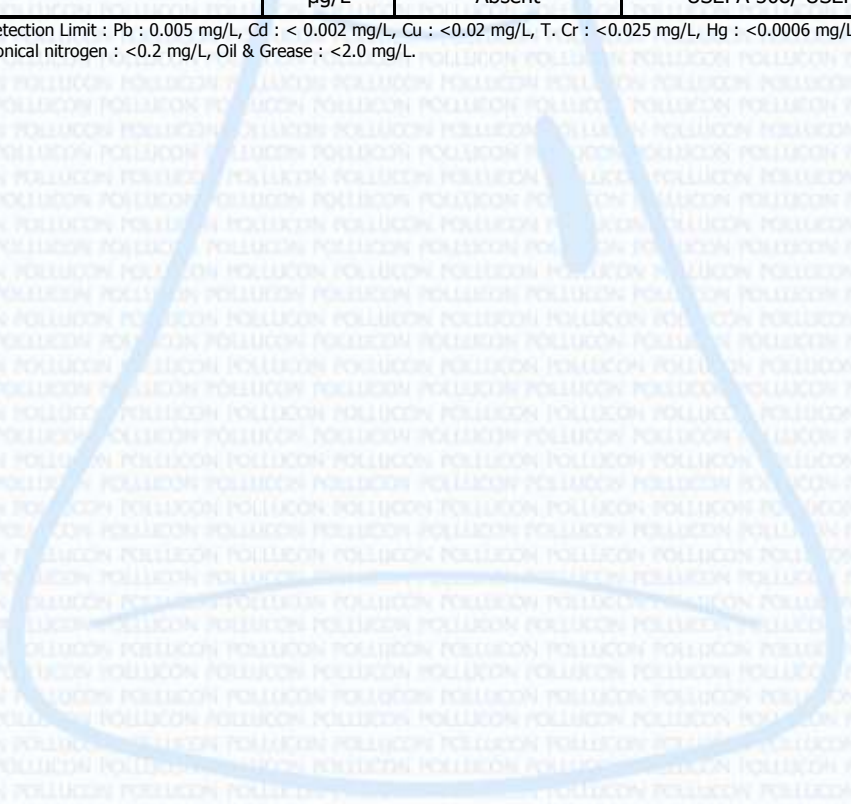
| | |
|-------------------|-------------------------|
| Sampling Location | : EB11 Up Stream |
|-------------------|-------------------------|

RESULT TABLE

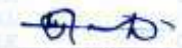
| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 270 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 308 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.0 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 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 | Absent | 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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0274 Issue Date : 15/09/2022 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 | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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, 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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0275 Issue Date : 15/09/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

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

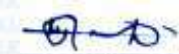
| | | | |
|--------------------------|--|----------------------------|-----------------------------|
| Description of Sample | : Ground Water sample | Quantity/No. of Samples | : 05 Lit./One |
| Date of Sampling | : 05/09/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 06/09/2022 | Lab ID. | : BL/2209/14 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 06/09/2022 | Date of Completion of Test | : 15/09/2022 |

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 | 5742 | IS 3025 (Part - 14) |
| 4 | Turbidity | NTU | 0.81 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part - 17) |
| 6 | Total Dissolved Solids | mg/L | 3827 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 6.0 | 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 | 1376 | IS 3025 (Part - 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 413 | IS 3025 (Part - 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.58 | IS :3025 (Part-34): Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 1474 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 176 | APHA(23rd Edition) 4110 B |
| 14 | Nitrate | mg/L | 1.52 | 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 | 0.075 | APHA (23rd Edition) 3111 B |
| 24 | Iron as Fe | mg/L | 0.081 | APHA (23rd Edition) 3500 Fe B |
| 25 | Zinc as Zn | mg/L | 0.56 | APHA (23rd Edition) 3111 B |
| 26 | Fluorides as F | mg/L | 0.42 | APHA(23rd Edition) 4110 B F D SPANDS Method |
| 27 | Calcium as Ca | mg/L | 202 | IS 3025 (Part - 40) EDTA Titrimetric Method) |

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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

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 0275 Issue Date : 15/09/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

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

RESULT TABLE

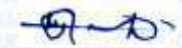
| SR. NO. | TEST PARAMETERS | UNIT | RESULT | METHOD ADOPTED |
|---------|--------------------|------|--------------|---|
| 28 | Magnesium as Mg | mg/L | 208 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 438 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 5.72 | IS 3025 (Part 45) K B/ Flame Photometer |
| 31 | BOD | mg/L | 7.3 | 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 | Absent | 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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0275 Issue Date : 15/09/2022 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 | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0276 Issue Date : 15/09/2022 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 | : 05/09/2022 | Sampling Procedure | : IS:3025 |
| Sampling by | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : QC/Env. Monitoring |
| Sample Receipt Date | : 06/09/2022 | Lab ID. | : BL/2209/15 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 06/09/2022 | Date of Completion of Test | : 15/09/2022 |

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 | 3384 | IS 3025 (Part – 14) |
| 4 | Turbidity | NTU | 0.65 | APHA (23 rd Edition) 2130 B |
| 5 | Total Suspended Solids | mg/L | 6.0 | IS 3025 (Part – 17) |
| 6 | Total Dissolved Solids | mg/L | 2184 | IS 3025 (Part-16) |
| 7 | TOC | mg/L | 5.6 | 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 | 620 | IS 3025 (Part – 21) EDTA Method |
| 10 | Total Alkalinity | mg/L | 391 | IS 3025 (Part – 23) |
| 11 | Total Kjeldahl Nitrogen | mg/L | 2.89 | IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009) |
| 12 | Chlorides as Cl | mg/L | 473 | APHA(23rd Edition) 4110 B Argentometric Method |
| 13 | Sulphates as SO ₄ | mg/L | 167 | 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 | 0.089 | 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 | 0.24 | 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 | 141 | IS 3025 (Part – 40) EDTA Titrimetric Method) |

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0276 |
| | Issue Date : | 15/09/2022 |
| | 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 | 63.84 | Is 3025 (Part-46) EDTA Method |
| 29 | Sodium as Na | mg/L | 305 | APHA (23 rd Edition) 3111 B |
| 30 | Potassium as K | mg/L | 4.1 | 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 | Absent | 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




Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0276 Issue Date : 15/09/2022 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 | Absent | USEPA 508 |
| 34.2 | Dicofol | µg/L | Absent | |
| 34.3 | Dieldrin | µg/L | Absent | |
| 34.4 | Alpha Endosulfan | µg/L | Absent | |
| 34.5 | Beta Endosulfan | µg/L | Absent | |
| 34.6 | Sulphate Endosulfan | µg/L | Absent | |
| 34.7 | Heptachlor | µg/L | Absent | USEPA 525.2 |
| 34.8 | Hexachlorobenzene (HCB) | µg/L | Absent | USEPA 508 |
| 34.9 | Methoxy Chlor | µg/L | Absent | USEPA 525.2 |
| 34.10 | 2,4 DDT | µg/L | Absent | USEPA 508 |
| 34.11 | 2,4 DDD | µg/L | Absent | |
| 34.12 | 4,4 DDE | µg/L | Absent | |
| 34.13 | 4,4 DDT | µg/L | Absent | |
| 34.14 | Alpha-HCH | µg/L | Absent | |
| 34.15 | Beta-HCH | µg/L | Absent | |
| 34.16 | Gamma-HCH | µg/L | Absent | |
| 34.17 | σ-HCH | µg/L | Absent | |
| 34.18 | Chlorpyrifos | µg/L | Absent | USEPA 525.2 |
| 34.19 | Dimethoate | µg/L | Absent | |
| 34.20 | Ethion | µg/L | Absent | |
| 34.21 | Malathion | µg/L | Absent | |
| 34.22 | Monocrotophos | µg/L | Absent | |
| 34.23 | Parathion-Methyl | µg/L | Absent | |
| 34.24 | Phorate | µg/L | Absent | |
| 34.25 | Phosphamidon | µg/L | Absent | |
| 34.26 | Profenophos | µg/L | Absent | |
| 34.27 | Quinaphos | µg/L | Absent | |
| Synthetic Pyrethroids(SPs) | | | | |
| 34.28 | Deltamethrin | µg/L | Absent | USEPA 525.2 |
| 34.29 | Fenpropethrin | µg/L | Absent | |
| 34.30 | Fenvalerate | µg/L | Absent | |
| 34.31 | Alpha-Cypermethrin | µg/L | Absent | |
| 34.32 | Beta-Cyfluthrin | µg/L | Absent | |
| 34.33 | Cyhalothrin | µg/L | Absent | |
| Herbicides | | | | |
| 34.34 | Alachlor | µg/L | Absent | USEPA 525.2 |
| 34.35 | Butachlor | µg/L | Absent | |
| 34.36 | Fluchloralin | µg/L | Absent | |
| 34.37 | Pendimethalin | µg/L | Absent | |

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, 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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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TEST CERTIFICATE FOR NOISE 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 0153 Issue Date : 05/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

NOISE LEVEL MONITORING REPORT

| | |
|--------------------|-----------------------------------|
| Sampling Date | : 21/04/2022 |
| 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 | 67.9 | 59.1 |
| 2 | Nr. Main Gate | 58.3 | 49.3 |
| 3 | Nr. Lab | 52.1 | 45.9 |
| 4 | Nr. ADM | 56.3 | 52.1 |
| 5 | Nr. Truck Washing | 64.1 | 59.7 |
| 6 | Nr. Drum Storage | 68.4 | 62.1 |
| 7 | Nr. East side of Incinerator | 67.4 | 62.2 |
| 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.

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TEST CERTIFICATE FOR NOISE 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 0175 Issue Date : 12/05/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

NOISE LEVEL MONITORING REPORT

| | |
|--------------------|--|
| Sampling Date | : 02/05/2022 |
| 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 | 61.2 | 59.9 |
| 2 | Nr. Main Gate | 56.7 | 52.7 |
| 3 | Nr. Lab | 52.5 | 46.5 |
| 4 | Nr. ADM | 51.8 | 50.6 |
| 5 | Nr. Truck Washing | 58.9 | 52.3 |
| 6 | Nr. Drum Storage | 57.4 | 54.2 |
| 7 | Nr. East side of Incinerator | 60.1 | 56.1 |
| 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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- 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 NOISE 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 0184 Issue Date : 11/06/2022 Customer's Ref. : W.O.No. 8521220045 Dated:19.04.2021 |
|---|---|

NOISE LEVEL MONITORING REPORT

| | | | |
|--------------------|-----------------------------------|-------------|--|
| Sampling Date | : 03/06/2022 | 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 | 63.6 | 56.1 |
| 2 | Nr. Main Gate | 60.4 | 50.6 |
| 3 | Nr. Lab | 53.8 | 44.3 |
| 4 | Nr. ADM | 52.1 | 47.3 |
| 5 | Nr. Truck Washing | 61.8 | 54.3 |
| 6 | Nr. Drum Storage | 59.8 | 52.5 |
| 7 | Nr. East side of Incinerator | 65.3 | 58.7 |
| 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.

- FSSAI Approved Lab
- 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.

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TEST CERTIFICATE FOR NOISE 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 0200**
Issue Date : **25/07/2022**
Customer's Ref. : **W.O.No. 8521220045**
Dated:19.04.2021

NOISE LEVEL MONITORING REPORT

Sampling Date : **04/07/2022**
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 | 64.4 | 54.1 |
| 2 | Nr. Main Gate | 61.8 | 51.5 |
| 3 | Nr. Lab | 52.8 | 43.6 |
| 4 | Nr. ADM | 54.5 | 45.9 |
| 5 | Nr. Truck Washing | 60.7 | 53.1 |
| 6 | Nr. Drum Storage | 58.6 | 51.5 |
| 7 | Nr. East side of Incinerator | 64.1 | 57.7 |
| 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.

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TEST CERTIFICATE FOR NOISE 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 0240 Issue Date : 13/08/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

NOISE LEVEL MONITORING REPORT

| | |
|--------------------|--|
| Sampling Date | : 05/08/2022 |
| 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 | 65.5 | 55.3 |
| 2 | Nr. Main Gate | 62.9 | 54.2 |
| 3 | Nr. Lab | 54.8 | 46.2 |
| 4 | Nr. ADM | 57.1 | 47.6 |
| 5 | Nr. Truck Washing | 62.4 | 55.2 |
| 6 | Nr. Drum Storage | 59.9 | 52.9 |
| 7 | Nr. East side of Incinerator | 65.9 | 60.7 |
| 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.

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- Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
- 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,
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TEST CERTIFICATE FOR NOISE 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 0278 Issue Date : 13/09/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022 |
|---|---|

NOISE LEVEL MONITORING REPORT

| | |
|--------------------|--|
| Sampling Date | : 05/09/2022 |
| 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 | 63.6 | 55.8 |
| 2 | Nr. Main Gate | 62.1 | 49.5 |
| 3 | Nr. Lab | 56.4 | 51.2 |
| 4 | Nr. ADM | 59.2 | 50.1 |
| 5 | Nr. Truck Washing | 61.8 | 53.7 |
| 6 | Nr. Drum Storage | 60.1 | 53.1 |
| 7 | Nr. East side of Incinerator | 65.2 | 52.3 |
| 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.

Annexure-7

Ground water (Analysis Period April'22 to Sep'22):

| Sr. no | Parameters | Unit | Permissible limits | Average of outside the premises | Average of upstream borewell | Average of downstream borewell |
|--------|-----------------------|--------|--------------------|---------------------------------|------------------------------|--------------------------------|
| 1 | Colour | Hazen | 15 | 7.6 | 8.7 | 7.3 |
| 2 | pH | - | No relaxation | 7.21 – 7.74 | 6.96-7.62 | 6.96-7.62 |
| 3 | Electric Conductivity | µs/cm | - | 1574.40 | 5675.0 | 3000.4 |
| 4 | Turbidity | NTU | 5 | 0.65 | 3.3 | 0.7 |
| 5 | TSS | mg/lit | - | 9 | 8.2 | 6.9 |
| 6 | TDS | mg/lit | 2000 | 1196.00 | 3566.5 | 1945.9 |
| 7 | TOC | mg/lit | - | 4.90 | 10.7 | 4.7 |
| 8 | COD | mg/lit | - | 19.33 | 94.3 | 21.9 |
| 9 | Chloride | mg/lit | 1000 | 389.56 | 1542.0 | 468.9 |

Ambient Air (Analysis Period April'22 to Sep'22):

| Sr. no. | Parameters | Unit | GPCB/CPCB Permissible Limit | Near Laboratories | Behind Shed No.8 corner | Near Detox site road | Min | Max |
|---------|----------------------------|-------------------|-----------------------------|-------------------|-------------------------|----------------------|-------|-------|
| 1 | RSPM (PM ₁₀) | µg/m ³ | 100 | 70.46 | 67.5 | 73.3 | 67.54 | 73.3 |
| 2 | PM _{2.5} | µg/m ³ | 60 | 30.4 | 30.1 | 30.06 | 30.06 | 30.4 |
| 3 | Sulphur Dioxide | µg/m ³ | 80 | 11.98 | 14.4 | 9.92 | 9.92 | 14.36 |
| 4 | Nitrogen Dioxide | µg/m ³ | 80 | 21.22 | 24.1 | 19.2 | 19.2 | 24.14 |
| 5 | Ammonia (NH ₃) | µg/m ³ | 400 | ND | ND | ND | - | - |
| 6 | Lead As Pb | µg/m ³ | 1 | ND | ND | ND | - | - |
| 7 | Nickel as Ni | ng/m ³ | NS | ND | ND | ND | - | - |
| 8 | Arsenic as As | ng/m ³ | NS | ND | ND | ND | - | - |

Noise Monitoring (Analysis Period April'22 to Sep'22):

| Sr. No. | Noise monitoring sampling location | Category | Results (Avg) | | | |
|---------|------------------------------------|------------|--|-------|--|-------|
| | | | GPCB/CPC B Permissible Limit (Day) (in dB) | Day | GPCB/CP CB Permissible Limit (Night) (in dB) | Night |
| 1 | Near Main gate | Industrial | 75 | 60.37 | 70 | 51.30 |
| 2 | Near Lab | Industrial | 75 | 53.73 | 70 | 46.28 |
| 3 | Near admin | Industrial | 75 | 55.17 | 70 | 48.93 |
| 4 | Truck wash | Industrial | 75 | 61.62 | 70 | 54.72 |
| 5 | Drum | Industrial | 75 | 60.70 | 70 | 54.38 |
| 6 | Near East Side of Incinerator | Industrial | 75 | 64.37 | 70 | 56.72 |
| 7 | Near Incinerator | Industrial | 75 | 64.67 | 70 | 56.93 |



BEIL INFRASTRUCTURE LIMITED

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ANALYTICAL RESEARCH LABORATORY

TEST REPORT



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Page: 1 of 2

Barcode Id 38a2d9b14d Report No/Sample ID TC814122000004716F Report Date 24-Nov-22

| | | | |
|-----------------------------|--|---------------------------|------------------------|
| Name Of Customer: | GUJARAT GUARDIAN LTD. | | |
| Address Of Customer: | STATE HIGHWAY - 13, VALIA ROAD, VILLAGE: KONDH, ANKLESHWAR | | |
| | Bad Batch | | |
| Sample Description: | | | |
| Sample Quantity: | 1000 gm | Sampling Date: | |
| Sampling Location: | By Customer | Sample Received Date: | 18-Nov-2022 |
| Sample Collected By: | Customer | Sampling Procedure: | By Customer |
| Packing Details: | Plastic Bag | Analysis Start Date: | 19-Nov-2022 |
| Fuel: | Not Applicable | Analysis Completion Date: | 24-Nov-2022 |
| Sampling Start Date & Time: | Not Applicable | Sample Type: | Hazardous Waste Sample |
| Sampling End Date & Time: | Not Applicable | Sampling Duration: | Not Applicable |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|-------------------------------------|--------|---------------|-------------------|--|
| 1 | pH (10% Soln) | - | 10.37 | 4 to 12 | APHA 4500H-B, 4-95 TO 4-99, 23rd ED.2017 |
| 2 | Calorific value | Cal/gm | 162 | <2500 | IS:1448 (Part-6):1984 |
| 3 | Halogen (as Cl) | % | 0.44 | - | SOP/HW/15 Volhard's Method |
| 4 | Total Sulphur (%) | % | 0.08 | - | ASTM D5291 - 10(2015): 2015 |
| 5 | Loss on Drying at 110°C | % | 1.72 | - | SOP HW/NB/16 (ISSUE:02): 2021 |
| 6 | Oil & Grease | % | <0.5 | <4.0 | Soxhlet Method |
| 7 | Annealing Loss at 550°C | % | 2.08 | <20 | SOP/HW/O4 (Issue:02): 2021 |
| 8 | Ash content at 800°C | % | 95.02 | - | IS 1448 (Part-4) :1984 |
| 9 | Flammability Test | - | Not Flammable | - | US EPA 1030 |
| 10 | Compatibility Test | - | Compatible | - | EPA-600/2-80-076 |
| 11 | PFLT Test(Plain Filter Liquid Test) | - | Pass | <3.0 | USEPA Method 9095B |
| 12 | LRT Test(Liquid release test) | ml | 00 | <3 | USEPA 9096 |
| 13 | Phenolic Compounds (10% Soln) | mg/L | <0.01 | <100 | APHA 5530-D |
| 14 | Arsenic as As (10% Soln) | mg/L | <0.01 | <1.0 | APHA 3114-As- B, 3-36 TO 3-40, 23rd ED. |
| 15 | Lead as Pb (10% Soln) | mg/L | 0.12 | <2.0 | APHA 3111-Pb-B, 3-20 TO 3-21, 23RD ED.2017 |
| 16 | Cadmium as Cd (10% Soln) | mg/L | <0.02 | <0.2 | APHA 3111-Cd- B, 3-2J to 3-21, 23rd ED. |
| 17 | Total Chromium as Cr (10% Soln) | mg/L | <0.1 | <0.5 | APHA 3111-Cr-B 3-20 TO 3-21, 23rd ED.2017 |
| 18 | Copper as Cu (10% Soln) | mg/L | <0.5 | <10.0 | APHA 3111-Cu-B 3-20 TO 3-21, 23rd ED.2017 |
| 19 | Nickel as Ni (10% Soln) | mg/L | <0.02 | <3.0 | APHA 3111-Ni- B, 3-20 TO 3-21, 23rd ED. 2017 |
| 20 | Mercury as Hg (10% Soln) | mg/L | <0.01 | <0.1 | APHA 3111-Hg-B |

Regd. office & Works Office: Plot No 9701-16, G.I.D.C. Estate, Post Box No 82, Ankleshwar - 393002, Dist - Bharuch (Gujarat)

Tel: (02646) 253135, 225228 | Fax: (02646) 222849 | E-Mail: sathish.gaddam@beil.co.in, meghparadt@beil.co.in

CIN NO : U45300GJ1997PLC032696

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Page: 2 of 2

Barcode Id 38a2d9b14d Report No/Sample ID TC814122000004716F Report Date 24-Nov-22

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|------------------------------------|------|--------|-------------------|---|
| 21 | Zinc as Zn (10% Soln) | mg/L | 0.01 | <10.0 | APHA 3111-Zn- B, 3-20 TO 3-21, 23rd ED.2017 |
| 22 | Fluoride as F (10% Soln) | mg/L | <0.02 | <50 | APHA 4500--F- C |
| 23 | Ammonical Nitrogen as N (10% Soln) | mg/L | 16 | <1000 | APHA 4500-NH3-C, 4-16, 23rd ED.,2017 |
| 24 | Cyanide as CN (10% Soln) | mg/L | < 0.01 | <2.0 | APHA 4500-CN, 23rd ED.,2017 |
| 25 | Nitrate as NO3 | mg/L | 19.71 | <30.0 | IS 3025 (Part-34) - Chromotropic Method: 1988 |
| 26 | COD (10% Soln) | mg/L | 15.4 | - | APHA 5220-B |

Remarks: As per evaluated parameters, sample is suitable for landfill disposal.

----- END OF REPORT -----

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

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Page: 1 of 1

Barcode Id d3e14329d8

Report No/Sample ID 5936197681 Report Date 24-Nov-22

| | | | |
|-----------------------------|--|---------------------------|------------------------|
| Name Of Customer: | GUJARAT GUARDIAN LTD. | | |
| Address Of Customer: | STATE HIGHWAY - 13, VALIA ROAD, VILLAGE: KONDH, ANKLESHWAR | | |
| | Bad Batch | | |
| Sample Description: | | | |
| Sample Quantity: | 1000 gm | Sampling Date: | |
| Sampling Location: | By Customer | Sample Received Date: | 18-Nov-2022 |
| Sample Collected By: | Customer | Sampling Procedure: | By Customer |
| Packing Details: | Plastic Bottle | Analysis Start Date: | 19-Nov-2022 |
| Fuel: | Not Applicable | Analysis Completion Date: | 24-Nov-2022 |
| Sampling Start Date & Time: | Not Applicable | Sample Type: | Hazardous Waste Sample |
| Sampling End Date & Time: | Not Applicable | Sampling Duration: | Not Applicable |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|-------------------|------|--------------|-------------------|-------------|
| 1 | Physical State | - | Solid | - | SOP/HW/21 |
| 2 | Sample Appearance | - | Light Yellow | - | SOP/HW/21 |

Remarks: As per evaluated parameters, sample is suitable for landfill disposal.

----- END OF REPORT -----

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

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Barcode Id d4b0442bd2 Report No/Sample ID TC814122000004467F Report Date 11-Nov-22

| | | | |
|-----------------------------|--|---------------------------|------------------------|
| Name Of Customer: | GRASIM INDUSTRIES LTD. - CHEMICAL DIV. (PLOT NO.1 - 41279) | | |
| Address Of Customer: | Plot No.1, GIDC,Vilayat, Taluka Vagra,DIST. BHARUCH, | | |
| Sample Description: | Distillation residue | | |
| Sample Quantity: | 500 ml | Sampling Date: | |
| Sampling Location: | By Customer | Sample Received Date: | 05-Nov-2022 |
| Sample Collected By: | Customer | Sampling Procedure: | By Customer |
| Packing Details: | Glass Bottle | Analysis Start Date: | 07-Nov-2022 |
| Fuel: | Not Applicable | Analysis Completion Date: | 11-Nov-2022 |
| Sampling Start Date & Time: | Not Applicable | Sample Type: | Hazardous Waste Sample |
| Sampling End Date & Time: | Not Applicable | Sampling Duration: | Not Applicable |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|--------------------------------|--------|----------------------------|-------------------|--|
| 1 | Physical State | - | Liquid | - | SOP/HW/21 |
| 2 | Sample Appearance | - | Brown | - | SOP/HW/21 |
| 3 | pH (10% Soln) | - | 3.06 | - | APHA 4500H-B, 4-95 TO 4-99, 23rd ED.2017 |
| 4 | Calorific value | Cal/gm | 184 | - | IS:1448 (Part-6):1984 |
| 5 | Carbon (%) | % | 5.54 | - | ASTM D5291 - 10(2015): 2015 |
| 6 | Hydrogen (%) | % | 0.15 | - | ASTM D5291 - 10(2015): 2015 |
| 7 | Nitrogen (%) | % | <0.1 | - | ASTM D5291 - 10(2015): 2015 |
| 8 | Total Sulphur (%) | % | <0.01 | - | ASTM D5291 - 10(2015): 2015 |
| 9 | Halogen (as Cl) | % | 3.17 | - | SOP/HW/15 Volhard's Method |
| 10 | Cyanide (as CN) | mg/L | <0.01 | - | APHA 4500-CN, 23rd ED.,2017 |
| 11 | Water Content by K.F.(w/w) | % | 1.64 | - | USEPA 9000 B (Feb 2007) |
| 12 | Annealing Loss at 550°C | % | 96.2 | - | SOP/HW/O4 (Issue:02): 2021 |
| 13 | Ash content at 800°C | % | <0.1 | - | IS 1448 (Part-4) :1984 |
| 14 | Flash Point | dC | No Flash up to 65 ⁰C | - | IS: 1448 (P:21) : 1992 |
| 15 | Compatibility Test | - | Compatable | - | EPA-600/2-80-076 |
| 16 | Flammability Test | - | Not Flammable | - | US EPA 1030 |
| 17 | Reactivity With Air / Water | - | Not Reactive | - | ASTM D-5058-90 |
| 18 | Reactivity With Lime | - | Not Reactive | - | ASTM D-5058-90 |
| 19 | Reactivity With Triethyl Amine | - | Not Reactive | - | ASTM D-5058-90 |
| 20 | Fluoride (as F) | mg/L | <0.02 | - | APHA 4500-F- C, 4-89 TO 4-90, 23rd ED.2017 |
| 21 | Ammonical Nitrogen | mg/L | <2.0 | - | APHA 4500-NH3-C, 4-116, 23rd ED.,2017 |

Regd. office & Works Office: Plot No 9701-16, G.I.D.C. Estate, Post Box No 82, Ankleshwar - 393002, Dist - Bharuch (Gujarat)

Tel: (02646) 253135, 225228 | Fax: (02646) 222849 | E-Mail: sathish.gaddam@beil.co.in, meghparadt@beil.co.in

CIN NO : U45300GJ1997PLC032696

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Page: 2 of 2

Barcode Id d4b0442bd2 Report No/Sample ID TC814122000004467F Report Date 11-Nov-22

Remarks: As per evaluated parameters, sample is suitable for incineration disposal but sample having fumigation and pungent smell, so handle with proper safety precaution.

----- END OF REPORT -----

For BEIL Infrastructure Ltd.

Sathish
AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

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Page: 1 of 1

Barcode Id a3c151d3be Report No/Sample ID 5936197871 Report Date 07-Dec-22

| | | | |
|-----------------------------|--|---------------------------|------------------------|
| Name Of Customer: | WHOLE FOODS PROCESSOR | | |
| Address Of Customer: | Survey No 494 to 497 and 498/1, Near Brentwood Industries, India Private Limited, Taluka Dabhoi, Village Nana Fofalia. | | |
| Sample Description: | CONTAMINATED SOIL | | |
| Sample Quantity: | 1000 gm | Sampling Date: | 03-Dec-2022 |
| Sampling Location: | By Customer | Sample Received Date: | 03-Dec-2022 |
| Sample Collected By: | Customer | Sampling Procedure: | By Customer |
| Packing Details: | Plastic Bag | Analysis Start Date: | 03-Dec-2022 |
| Fuel: | Not Applicable | Analysis Completion Date: | 07-Dec-2022 |
| Sampling Start Date & Time: | Not Applicable | Sample Type: | Hazardous Waste Sample |
| Sampling End Date & Time: | Not Applicable | Sampling Duration: | Not Applicable |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|-------------------|------|--------|-------------------|-------------|
| 1 | Physical State | - | Solid | - | SOP/HW/21 |
| 2 | Sample Appearance | - | Black | - | SOP/HW/21 |

Remarks: As per evaluated parameters. Sample is suitable for landfill disposal.

----- 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



TC-8141

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

Page: 1 of 2

Barcode Id 197785ea53 Report No/Sample ID TC814122000004865F Report Date 07-Dec-22

| | | | |
|-----------------------------|---|---------------------------|------------------------|
| Name Of Customer: | WHOLE FOODS PROCESSOR | | |
| Address Of Customer: | Survey No 494 to 497 and 498/1, Near Brentwood Industries,India Private Limited, Taluka Dabhoi, Village Nana Fofalia, | | |
| Sample Description: | CONTAMINATED SOIL | | |
| Sample Quantity: | 1000 gm | Sampling Date: | 03-Dec-2022 |
| Sampling Location: | By Customer | Sample Received Date: | 03-Dec-2022 |
| Sample Collected By: | Customer | Sampling Procedure: | By Customer |
| Packing Details: | Plastic Bag | Analysis Start Date: | 03-Dec-2022 |
| Fuel: | Not Applicable | Analysis Completion Date: | 07-Dec-2022 |
| Sampling Start Date & Time: | Not Applicable | Sample Type: | Hazardous Waste Sample |
| Sampling End Date & Time: | Not Applicable | Sampling Duration: | Not Applicable |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|-------------------------------------|--------|---------------|-------------------|--|
| 1 | pH (10% Soln) | - | 7.9 | 4 to 12 | APHA 4500H-B, 4-95 TO 4-99, 23rd ED.2017 |
| 2 | Calorific value | Cal/gm | 155 | <2500 | IS:1448 (Part-6):1984 |
| 3 | Halogen (as Cl) | % | 0.58 | - | SOP/HW/15 Volhard's Method |
| 4 | Total Sulphur (%) | % | <0.02 | - | ASTM D5291 - 10(2015): 2015 |
| 5 | Loss on Drying at 110°C | % | 13.10 | - | SOP HW/NB/16 (ISSUE:02): 2021 |
| 6 | Oil & Grease | % | <0.5 | <4.0 | Soxhlet Method |
| 7 | Annealing Loss at 550°C | % | 16.69 | <20 | SOP/HW/O4 (Issue:02): 2021 |
| 8 | Ash content at 800°C | % | 68.71 | - | IS 1448 (Part-4) :1984 |
| 9 | Flammability Test | - | Not Flammable | - | US EPA 1030 |
| 10 | Compatibility Test | - | Compatable | - | EPA-600/2-80-076 |
| 11 | PFLT Test(Plain Filter Liquid Test) | - | Pass | <3.0 | USEPA Method 9095B |
| 12 | LRT Test(Liquid release test) | ml | 00 | <3 | USEPA 9096 |
| 13 | Phenolic Compounds (10% Soln) | mg/L | <0.01 | <100 | APHA 5530-D |
| 14 | Arsenic as As (10% Soln) | mg/L | <0.01 | <1.0 | APHA 3114-As- B, 3-36 TO 3-40, 23rd ED. |
| 15 | Lead as Pb (10% Soln) | mg/L | <0.05 | <2.0 | APHA 3111-Pb-B, 3-20 TO 3-21, 23RD ED.2017 |
| 16 | Cadmium as Cd (10% Soln) | mg/L | <0.02 | <0.2 | APHA 3111-Cd- B, 3-20 to 3-21, 23rd ED. |
| 17 | Total Chromium as Cr (10% Soln) | mg/L | <0.1 | <0.5 | APHA 3111-Cr-B 3-20 TO 3-21, 23rd ED.2017 |
| 18 | Copper as Cu (10% Soln) | mg/L | <0.5 | <10.0 | APHA 3111-Cu-B 3-20 TO 3-21, 23rd ED.2017 |
| 19 | Nickel as Ni (10% Soln) | mg/L | <0.02 | <3.0 | APHA 3111-Ni- B, 3-20 TO 3-21, 23rd ED. 2017 |
| 20 | Mercury as Hg (10% Soln) | mg/L | <0.01 | <0.1 | APHA 3111-Hg-B |
| 21 | Zinc as Zn (10% Soln) | mg/L | <0.005 | <10.0 | APHA 3111-Zn- B, 3-20 TO 3-21, |

Regd. office & Works Office: Plot No 9701-16, G.I.D.C. Estate, Post Box No 82, Ankleshwar - 393002, Dist - Bharuch (Gujarat)

Tel: (02646) 253135, 225228 | Fax: (02646) 222849 | E-Mail: sathish.gaddam@beil.co.in, meghparadt@beil.co.in

CIN NO : U45300GJ1997PLC032696

Terms & Condition are on backside



BEIL INFRASTRUCTURE LIMITED

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TEST REPORT



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Barcode Id 197785ea53 Report No/Sample ID TC814122000004865F Report Date 07-Dec-22

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|------------------------------------|------|--------|-------------------|---|
| | Zinc as Zn (10% Soln) | | <0.005 | | 23rd ED.2017 |
| 22 | Fluoride as F (10% Soln) | mg/L | <0.02 | <50 | APHA 4500-F- C |
| 23 | Ammonical Nitrogen as N (10% Soln) | mg/L | 17 | <1000 | APHA 4500-NH3-C, 4-116, 23rd ED.,2017 |
| 24 | Cyanide as CN (10% Soln) | mg/L | < 0.01 | <2.0 | APHA 4500-CN, 23rd ED.,2017 |
| 25 | Nitrate as NO3 | mg/L | 7.00 | <30.0 | IS 3025 (Part-34) - Chromotropic Method: 1988 |
| 26 | COD (10% Soln) | mg/L | 158 | - | APHA 5220-B |

Remarks: As per evaluated parameters, Sample is suitable for landfill disposal.

----- 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



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Page: 1 of 2

Barcode Id 0d8a5046ab Report No/Sample ID TC814122000004466F Report Date 16-Nov-22

| | | | |
|-----------------------------|---|---------------------------|------------------------|
| Name Of Customer: | Keva Fragrances Pvt. Ltd. | | |
| Address Of Customer: | Plot. No. 170 to 175, G.I.D.C Industrial Estate, Vapi, 396 195, Dist. Valsad, State - Gujarat | | |
| Sample Description: | Process waste | | |
| Sample Quantity: | 1000 ml | Sampling Date: | |
| Sampling Location: | By Customer | Sample Received Date: | 05-Nov-2022 |
| Sample Collected By: | Customer | Sampling Procedure: | By Customer |
| Packing Details: | Metalic Bottle | Analysis Start Date: | 05-Nov-2022 |
| Fuel: | Not Applicable | Analysis Completion Date: | 16-Nov-2022 |
| Sampling Start Date & Time: | Not Applicable | Sample Type: | Hazardous Waste Sample |
| Sampling End Date & Time: | Not Applicable | Sampling Duration: | Not Applicable |

| Sr. No | Parameters | Unit | Result | Permissible Limit | Method Ref. |
|--------|--------------------------------|--------|--------------|-------------------|--|
| 1 | Physical State | - | Liquid | - | SOP/HW/21 |
| 2 | Sample Appearance | - | Colourless | - | SOP/HW/21 |
| 3 | pH (10% Soln) | - | 5.60 | - | APHA 4500H-B, 4-95 TO 4-99, 23rd ED.2017 |
| 4 | Calorific value | Cal/gm | 3580 | - | IS:1448 (Part-6):1984 |
| 5 | Carbon (%) | % | 5.11 | - | ASTM D5291 - 10(2015): 2015 |
| 6 | Hydrogen (%) | % | 10.9 | - | ASTM D5291 - 10(2015): 2015 |
| 7 | Nitrogen (%) | % | 0.33 | - | ASTM D5291 - 10(2015): 2015 |
| 8 | Total Sulphur (%) | % | <0.01 | - | ASTM D5291 - 10(2015): 2015 |
| 9 | Halogen (as Cl) | % | 0.49 | - | SOP/HW/15 Volhard's Method |
| 10 | Cyanide (as CN) | mg/L | <0.01 | - | APHA 4500-CN, 23rd ED.,2017 |
| 11 | Water Content by K.F.(w/w) | % | 4.05 | - | USEPA 9000 B (Feb 2007) |
| 12 | Annealing Loss at 550°C | % | 94.81 | - | SOP/HW/O4 (Issue:02): 2021 |
| 13 | Ash content at 800°C | % | <0.1 | - | IS 1448 (Part-4) :1984 |
| 14 | Flash Point | dC | -19 | - | IS: 1448 (P:21) : 1992 |
| 15 | Compatibility Test | - | Compatable | - | EPA-600/2-80-076 |
| 16 | Flammability Test | - | Flammable | - | US EPA 1030 |
| 17 | Reactivity With Air / Water | - | Not Reactive | - | ASTM D-5058-90 |
| 18 | Reactivity With Lime | - | Not Reactive | - | ASTM D-5058-90 |
| 19 | Reactivity With Triethyl Amine | - | Not Reactive | - | ASTM D-5058-90 |
| 20 | Fluoride (as F) | mg/L | <0.02 | - | APHA 4500-F- C, 4-89 TO 4-90, 23rd ED.2017 |
| 21 | Ammonical Nitrogen | mg/L | <2.0 | - | APHA 4500-NH3-C, 4-116, 23rd ED.,2017 |



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Page: 2 of 2

Barcode Id 0d8a5046ab Report No/Sample ID TC814122000004466F Report Date 16-Nov-22

Remarks: As per evaluated parameters, sample is suitable for incineration disposal but sample having pungent smell & very low flash point, So handle with proper safety precaution.

.....END OF REPORT.....

For BEIL Infrastructure Ltd.

Sathish
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)

Date : 10-Oct-22

BEIL INFOSYSTEM - BEIL
BHARUCH ENVIRO INFRASTRUCTURE LTD.

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Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

| 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 | 790bdedd17 | | | 31-MAR-22 19:47:45 | 31-Mar-2022 22.33 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1620.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 2 | 7eaa013f4b | | | 31-MAR-22 19:49:14 | 31-Mar-2022 22.38 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2270.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 3 | 7717b0ebcb | | | 31-MAR-22 20:44:29 | 31-Mar-2022 22.32 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-1. | 1790.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 4 | 2e2ec71b3e | | | 31-MAR-22 21:49:16 | 31-Mar-2022 22.30 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1680.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 5 | e6d9c495d7 | | | 31-MAR-22 21:50:05 | 31-Mar-2022 22.31 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2320.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 6 | 9f3c4803b7 | | | 31-MAR-22 22:08:51 | 31-Mar-2022 23.42 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 2750.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 7 | d940e0892f | | | 31-MAR-22 22:43:39 | 31-Mar-2022 23.42 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 3190.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 8 | 31bc4f7a92 | | | 31-MAR-22 23:20:07 | 31-Mar-2022 23.43 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2610.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 9 | 9201874e48 | | | 31-MAR-22 23:56:08 | 01-Apr-2022 01.54 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2590.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

| 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 | 1c464350b9 | | | 01-APR-22 00:43:48 | 01-Apr-2022 01.54 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | GCT ASH WASTE P-2. | 3440.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 11 | dc1d8b1a0f | | | 01-APR-22 00:49:28 | 01-Apr-2022 01.54 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-1. | 1810.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 12 | a4df4246b0 | | | 01-APR-22 01:13:53 | 01-Apr-2022 01.54 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1970.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 13 | 8dd9939ffb | | | 01-APR-22 01:22:06 | 01-Apr-2022 01.54 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2260.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 14 | 1242132df0 | | | 01-APR-22 02:29:03 | 01-Apr-2022 04.27 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2830.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 15 | 30cad3140b | | | 01-APR-22 03:05:10 | 01-Apr-2022 04.27 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | GCT ASH WASTE P-2. | 3470.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 16 | 6d263816b9 | | | 01-APR-22 03:25:42 | 01-Apr-2022 04.28 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1400.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 17 | 37fa3d16b0 | | | 01-APR-22 04:15:40 | 01-Apr-2022 06.02 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-1. | 1780.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 18 | cc78ff7db9 | | | 01-APR-22 04:47:27 | 01-Apr-2022 06.02 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 2150.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

| 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 | 1ae315cfec | | | 01-APR-22 05:22:37 | 01-Apr-2022 06.03 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2390.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 20 | 04e03a939b | | | 01-APR-22 05:47:14 | 01-Apr-2022 06.02 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1870.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 21 | db2da34bf2 | | | 01-APR-22 08:20:25 | 01-Apr-2022 09.50 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1830.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 22 | d3764749bd | | | 01-APR-22 08:21:28 | 01-Apr-2022 10.37 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 2240.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 23 | 2d70682328 | | | 01-APR-22 08:23:21 | 02-Apr-2022 09.09 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 1800.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 24 | cd89b343f2 | | | 01-APR-22 09:41:24 | 01-Apr-2022 10.57 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-1. | 1700.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 25 | a2bc303373 | | | 01-APR-22 10:23:28 | 01-Apr-2022 11.07 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 2360.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 26 | 92c8d35e2e | | | 01-APR-22 11:11:19 | 01-Apr-2022 11.47 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-1. | 1560.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 27 | 76ee7abe8b | | | 01-APR-22 11:12:35 | 01-Apr-2022 11.45 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 1690.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

| 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 | b81d105359 | | | 01-APR-22 11:14:31 | 01-Apr-2022 11.43 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 3540.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 29 | f83b299428 | | | 01-APR-22 13:25:53 | 01-Apr-2022 14.44 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2540.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 30 | cc392b4c93 | | | 01-APR-22 13:40:13 | 01-Apr-2022 14.40 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2350.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 31 | b89fa3cd09 | | | 01-APR-22 14:26:22 | 01-Apr-2022 16.14 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 1610.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 32 | f0f0afc436 | | | 01-APR-22 14:27:51 | 01-Apr-2022 15.56 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 2690.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 33 | eb0df6cb80 | | | 01-APR-22 14:30:17 | 01-Apr-2022 15.57 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 1650.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 34 | 407b03f0e9 | | | 01-APR-22 15:42:22 | 01-Apr-2022 16.15 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2440.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 35 | def32e4a04 | | | 01-APR-22 15:54:58 | 01-Apr-2022 16.14 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2120.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 36 | d6b19321ca | | | 01-APR-22 15:56:27 | 01-Apr-2022 16.18 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 2920.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

| 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 | 2f098f20ff | | | 01-APR-22 15:57:31 | 01-Apr-2022 16.14 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 2620.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 38 | 0db2a6cfa8 | | | 01-APR-22 16:05:31 | 01-Apr-2022 17.54 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | GCT ASH WASTE P-2. | 2560.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 39 | 56784e40bb | | | 01-APR-22 16:29:14 | 01-Apr-2022 17.53 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2900.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 40 | c7fec05a07 | | | 01-APR-22 17:20:03 | 01-Apr-2022 17.54 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 1370.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 41 | 17b09189c3 | | | 01-APR-22 17:54:00 | 01-Apr-2022 18.35 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2240.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 42 | cdf36d421a | | | 01-APR-22 17:55:26 | 01-Apr-2022 18.34 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2600.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 43 | 094393673c | | | 01-APR-22 19:51:33 | 01-Apr-2022 22.35 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2190.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 44 | 55b46a58d3 | | | 01-APR-22 19:52:48 | 01-Apr-2022 23.20 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2100.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 45 | 24832f1e83 | | | 01-APR-22 21:07:42 | 01-Apr-2022 22.31 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-1. | 1730.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

Receipt Date From:

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Receipt Date To:

| 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 | 6686cf82d8 | | | 30-APR-22 15:23:10 | 02-May-2022 15.22 | Insulation waste (Insulation) | NON RECYCLE WASTE | INSULATION WASTE. | 1435.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 2 | 2ff34dd606 | | | 30-APR-22 16:44:34 | 01-May-2022 16.33 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE WASTE. | 14005.000 | 18.81 | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 1.8 | NO | ODOURLESS | PASS | 3.45 | 4.0 |
| 3 | 5dc58fa136 | | | 30-APR-22 19:40:42 | 30-Apr-2022 22.48 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1210.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 4 | dff207d209 | | | 30-APR-22 19:41:24 | 30-Apr-2022 22.49 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2060.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 5 | 040379148f | | | 30-APR-22 21:04:57 | 30-Apr-2022 22.43 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1840.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 6 | 9c8a45d0f5 | | | 30-APR-22 22:38:26 | 01-May-2022 00.58 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2590.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 7 | b19da01e51 | | | 30-APR-22 23:25:52 | 01-May-2022 01.02 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 3470.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 8 | 35b00ee331 | | | 30-APR-22 23:41:11 | 01-May-2022 01.02 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 3040.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 9 | b417999298 | | | 01-MAY-22 00:50:55 | 01-May-2022 04.12 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | GCT ASH WASTE P-2. | 3430.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

Receipt Date From:

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Receipt Date To:

| 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 | 610c93df6e | | | 01-MAY-22 00:51:38 | 01-May-2022 04.11 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 2050.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 11 | 7d96888298 | | | 01-MAY-22 01:27:51 | 01-May-2022 04.10 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1930.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 12 | 40cd9bd06c | | | 01-MAY-22 03:53:37 | 01-May-2022 05.28 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1580.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 13 | 10dd68032c | | | 01-MAY-22 03:54:26 | 01-May-2022 05.27 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 3000.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 14 | c3e47c1368 | | | 01-MAY-22 04:23:26 | 01-May-2022 05.26 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2190.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 15 | 6e3534cfb8 | | | 01-MAY-22 05:20:45 | 01-May-2022 05.55 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2820.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 16 | 4bb783f2c3 | | | 01-MAY-22 05:44:20 | 01-May-2022 05.54 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 800.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 17 | cf637b7d15 | | | 01-MAY-22 05:57:49 | 01-May-2022 09.15 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1490.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 18 | 579bc026af | | | 01-MAY-22 08:02:30 | 01-May-2022 09.15 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2270.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

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Receipt Date To:

| 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 | e21b8c10d2 | | | 01-MAY-22 08:04:36 | 01-May-2022 16.06 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 12710.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.00 | NO | ODOURLESS | PASS | 9.08 | 7.5 |
| 20 | 6d5793ed58 | | | 01-MAY-22 08:06:02 | 01-May-2022 16.06 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 16890.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 18.0 | NO | ODOURLESS | NOT PASS | 71.78 | 7.5 |
| 21 | 7e2c563a2d | | | 01-MAY-22 08:10:01 | 01-May-2022 16.05 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 25900.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.00 | NO | ODOURLESS | PASS | 10.13 | 7.5 |
| 22 | 00aeb2b4e0 | | | 01-MAY-22 08:11:58 | 01-May-2022 16.06 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 13380.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.00 | NO | ODOURLESS | PASS | 9.20 | 7.5 |
| 23 | 07bde84882 | | | 01-MAY-22 08:19:51 | 01-May-2022 16.05 | Concentration or evaporation residues (37.3) | SOLID | CONCENTRATION WASTE. | 20990.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.00 | NO | ODOURLESS | PASS | 10.48 | 7.5 |
| 24 | e24d508740 | | | 01-MAY-22 08:21:57 | 01-May-2022 16.07 | Brine sludge (16.3) | SOLID | BRINE SLUDGE. | 20270.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 8.6 | NO | ODOURLESS | PASS | 28.37 | 7.5 |
| 25 | 485193db59 | | | 01-MAY-22 08:23:38 | 01-May-2022 09.12 | Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (33.3) | NON RECYCLE WASTE | NRP WASTE. | 1140.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 26 | e1e8a3aa8a | | | 01-MAY-22 08:26:26 | 02-May-2022 09.43 | Process Residue and wastes (28.1) | SOLID | PROCESS WASTE. | 12780.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 15.0 | NO | ODOURLESS | NOT PASS | 65.02 | 7.5 |
| 27 | e59a969b73 | | | 01-MAY-22 08:29:38 | 01-May-2022 16.07 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 16920.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 10.6 | NO | ODOURLESS | PASS | 54.02 | 7.5 |

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|-------|------------|----------|----------|-----------------------|-------------------|---|-------------------|----------------------|----------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 28 | 67edb918c6 | | | 01-MAY-22 08:32:03 | 01-May-2022 16.06 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 9310.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.00 | NO | ODOURLESS | PASS | 9.37 | 7.5 |
| 29 | 53f8275b25 | | | 01-MAY-22 08:33:39 | 01-May-2022 09.13 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2740.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 30 | ea751c9354 | | | 01-MAY-22 08:38:07 | 01-May-2022 16.28 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 15600.00 00 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.00 | NO | ODOURLESS | PASS | 10.71 | 7.5 |
| 31 | 60e6474bb3 | | | 01-MAY-22 08:41:45 | 01-May-2022 16.28 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 14830.00 00 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.00 | NO | ODOURLESS | PASS | 10.19 | 7.5 |
| 32 | f316c12752 | | | 01-MAY-22 09:03:18 | 01-May-2022 16.28 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 19160.00 00 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.00 | NO | ODOURLESS | PASS | 10.88 | 7.5 |
| 33 | 95a9f28c62 | | | 01-MAY-22 09:05:27 | 01-May-2022 16.29 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 19270.00 00 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.00 | NO | ODOURLESS | PASS | 10.91 | 7.5 |
| 34 | 37d7a6bbc | | | 01-MAY-22 09:07:02 | 01-May-2022 16.29 | Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (33.3) | NON RECYCLE WASTE | NRP WASTE. | 1830.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 35 | 783fd563a6 | | | 01-MAY-22 09:08:24 | 01-May-2022 16.28 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 18310.00 00 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 15.4 | NO | ODOURLESS | NOT PASS | 65.47 | 7.5 |
| 36 | 91a9dfbed4 | | | 01-MAY-22 09:28:28 | 01-May-2022 16.54 | Concentration or evaporation residues (37.3) | SOLID | CONCENTRATION WASTE. | 10000.00 00 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.00 | NO | ODOURLESS | PASS | 11.80 | 7.5 |

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|-------|------------|----------|----------|-----------------------|-------------------|---|----------------|---------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 37 | b50f732f69 | | | 01-MAY-22 09:29:58 | 01-May-2022 16.54 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 17260.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.00 | NO | ODOURLESS | PASS | 10.08 | 7.5 |
| 38 | 9df4bdf293 | | | 01-MAY-22 09:33:09 | 01-May-2022 16.54 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 15860.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 11.6 | NO | ODOURLESS | PASS | 51.73 | 7.5 |
| 39 | d29206d954 | | | 01-MAY-22 09:34:58 | 01-May-2022 16.54 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 18540.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 10.78 | 7.5 |
| 40 | b84b7be39a | | | 01-MAY-22 09:37:16 | 01-May-2022 16.55 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 13070.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 28.6 | NO | ODOURLESS | PASS | 71.36 | 7.5 |
| 41 | dc0b87c1f3 | | | 01-MAY-22 09:39:49 | 01-May-2022 16.56 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 16780.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.00 | NO | ODOURLESS | PASS | 13.39 | 7.5 |
| 42 | a4e3436ac7 | | | 01-MAY-22 09:45:02 | 01-May-2022 17.04 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 15710.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 12.4 | NO | ODOURLESS | PASS | 54.02 | 7.5 |
| 43 | eed422dd21 | | | 01-MAY-22 09:46:19 | 01-May-2022 10.09 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1430.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 44 | 8fb6c59be1 | | | 01-MAY-22 09:48:35 | 01-May-2022 16.55 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 13130.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 6.6 | NO | ODOURLESS | NOT PASS | 46.73 | 7.5 |
| 45 | 334e970a83 | | | 01-MAY-22 09:54:25 | 01-May-2022 17.05 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 8390.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.00 | NO | ODOURLESS | PASS | 9.26 | 7.5 |

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|-------|------------|----------|----------|--------------------|-------------------|---|-------------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 1 | a2906eb152 | | | 31-MAY-22 15:04:26 | 31-May-2022 16.15 | Insulation waste (Insulation) | NON RECYCLE WASTE | INSULATION WASTE. | 630.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 2 | cdbaf93197 | | | 31-MAY-22 16:46:02 | 01-Jun-2022 12.41 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 9630.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 9.0 | NO | ODOURLESS | PASS | 39.14 | 7.5 |
| 3 | 924b248de2 | | | 31-MAY-22 17:45:25 | 02-Jun-2022 19.04 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 22195.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 10.8 | NO | ODOURLESS | NOT PASS | 42.18 | 7.5 |
| 4 | 0f9f1b2740 | | | 31-MAY-22 20:48:05 | 31-May-2022 21.29 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-1. | 1640.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 5 | d55bd08c3f | | | 31-MAY-22 20:48:52 | 31-May-2022 21.32 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 1470.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 6 | 31b0fa25d6 | | | 31-MAY-22 21:28:57 | 31-May-2022 23.53 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-1. | 1980.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 7 | 3635c551bd | | | 31-MAY-22 21:29:44 | 31-May-2022 23.54 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 2200.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 8 | c326c1938b | | | 31-MAY-22 21:37:00 | 31-May-2022 23.53 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1810.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 9 | ca36140b39 | | | 31-MAY-22 22:32:09 | 31-May-2022 23.53 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2620.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

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|-------|------------|----------|----------|-----------------------|-------------------|---|----------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|----|
| 10 | 3c44f71937 | | | 31-MAY-22 23:32:08 | 01-Jun-2022 01.44 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2550.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 11 | bb823ba610 | | | 01-JUN-22 01:14:58 | 01-Jun-2022 01.44 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-1. | 1520.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 12 | 460292e4df | | | 01-JUN-22 01:15:50 | 01-Jun-2022 01.45 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 1200.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 13 | 41ff1fa6f0 | | | 01-JUN-22 01:16:58 | 01-Jun-2022 01.45 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2720.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 14 | a3f5474573 | | | 01-JUN-22 01:35:04 | 01-Jun-2022 04.35 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1450.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 15 | 6eecb5dfb5 | | | 01-JUN-22 01:58:16 | 01-Jun-2022 04.35 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 2030.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 16 | 6f99dd4acf | | | 01-JUN-22 03:26:44 | 01-Jun-2022 04.35 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2760.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 17 | 7f5de016f0 | | | 01-JUN-22 04:00:47 | 01-Jun-2022 04.35 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2470.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 18 | cc118184aa | | | 01-JUN-22 04:48:01 | 01-Jun-2022 05.51 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 2540.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

| 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 | bc8514ab9e | | | 01-JUN-22 04:48:59 | 01-Jun-2022 05.52 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-1. | 1690.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 20 | 270f6cc6e7 | | | 01-JUN-22 05:40:09 | 01-Jun-2022 05.52 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1430.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 21 | 488bd043a5 | | | 01-JUN-22 05:55:00 | 01-Jun-2022 06.19 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1830.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 22 | 2ce48420b6 | | | 01-JUN-22 07:43:17 | 01-Jun-2022 08.41 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-1. | 960.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 23 | 4854e3a5c6 | | | 01-JUN-22 08:00:54 | 01-Jun-2022 15.12 | Mercury bearing sludge generated from mercury cell process (16.1) | SOLID | BRINE SLUDGE WASTE. | 26600.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 8.0 | NO | ODOURLESS | PASS | 37.12 | 7.5 |
| 24 | a617a92b3d | | | 01-JUN-22 08:06:41 | 01-Jun-2022 11.02 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 10350.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 13.17 | 7.5 |
| 25 | fe2b39553c | | | 01-JUN-22 08:08:54 | 01-Jun-2022 11.05 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 18440.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 7.4 | NO | ODOURLESS | PASS | 41.90 | 7.5 |
| 26 | f667bb0893 | | | 01-JUN-22 08:11:12 | 01-Jun-2022 11.01 | Insulation waste (Insulation) | NON RECYCLE WASTE | WASTE INSULATION. | 3810.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 27 | c362d98973 | | | 01-JUN-22 08:13:14 | 01-Jun-2022 11.02 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 17970.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 14.0 | NO | ODOURLESS | PASS | 48.12 | 7.5 |

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|-------|------------|----------|----------|--------------------|-------------------|---|-------------------|-----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 28 | 95c26db4ac | | | 01-JUN-22 08:15:02 | 01-Jun-2022 11.07 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 18810.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 16.0 | NO | ODOURLESS | NOT PASS | 53.22 | 7.5 |
| 29 | 2c0dc35dc1 | | | 01-JUN-22 08:17:01 | 01-Jun-2022 15.10 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE WASTE. | 6850.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 17.0 | NO | ODOURLESS | NOT PASS | 71.31 | 7.5 |
| 30 | 755860e152 | | | 01-JUN-22 08:19:16 | 01-Jun-2022 11.08 | Process residues (7.2) | SOLID | PROCESS WASTE. | 14595.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 18.46 | 7.5 |
| 31 | d35d945967 | | | 01-JUN-22 08:21:32 | 01-Jun-2022 11.09 | Process residues (7.2) | SOLID | PROCESS WASTE. | 15230.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 20.02 | 7.5 |
| 32 | 4c01708f89 | | | 01-JUN-22 08:29:54 | 01-Jun-2022 11.08 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 16900.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 11.46 | 7.5 |
| 33 | e6e388ce8c | | | 01-JUN-22 09:32:14 | 01-Jun-2022 15.11 | Spent catalyst (17.2) | SOLID | SPENT CATALYST WASTE. | 1190.000 | 2.50 | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 3.10 | 4.0 |
| 34 | 727fa1eae | | | 01-JUN-22 09:38:17 | 01-Jun-2022 11.10 | Insulation waste (Insulation) | NON RECYCLE WASTE | INSULATION WASTE. | 825.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 35 | fa8a4298a0 | | | 01-JUN-22 09:42:11 | 01-Jun-2022 13.36 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 12630.000 | 27.86 | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 12.0 | NO | ODOURLESS | PASS | 34.10 | 4.0 |
| 36 | 475c9c4d04 | | | 01-JUN-22 09:54:39 | 01-Jun-2022 10.45 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2540.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

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|-------|------------|----------|----------|--------------------|-------------------|---|----------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 37 | 7d035e0f83 | | | 01-JUN-22 09:58:42 | 01-Jun-2022 10.48 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2220.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 38 | 725b87141f | | | 01-JUN-22 10:17:55 | 01-Jun-2022 10.45 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | GCT ASH WASTE P-1 | 3680.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 39 | 7da03c0829 | | | 01-JUN-22 10:24:05 | 01-Jun-2022 13.36 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 16850.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 11.06 | 7.5 |
| 40 | 3f2bd68f42 | | | 01-JUN-22 10:37:36 | 01-Jun-2022 13.37 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 17980.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 7.23 | 7.5 |
| 41 | 4f995d2254 | | | 01-JUN-22 10:47:27 | 01-Jun-2022 11.57 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | GCT ASH WASTE P-1 | 3460.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 42 | 1f1534af25 | | | 01-JUN-22 11:30:25 | 01-Jun-2022 13.38 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 17560.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 3.2 | NO | ODOURLESS | PASS | 31.16 | 7.5 |
| 43 | de855567a4 | | | 01-JUN-22 11:32:44 | 01-Jun-2022 13.38 | Concentration or evaporation residues (37.3) | SOLID | CONCENTRATION WASTE. | 19210.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 1.1 | NO | ODOURLESS | PASS | 11.70 | 7.5 |
| 44 | e80ee016f6 | | | 01-JUN-22 11:38:51 | 01-Jun-2022 11.57 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2480.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 45 | f62214eade | | | 01-JUN-22 11:53:24 | 01-Jun-2022 12.21 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2240.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

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|-------|------------|----------|----------|--------------------|-------------------|---|----------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 1 | b52bf3ef80 | | | 30-JUN-22 15:01:51 | 30-Jun-2022 17.21 | Brine sludge (16.3) | SOLID | BRINE SLUDGE. | 25110.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 9.5 | NO | ODOURLESS | PASS | 39.56 | 7.5 |
| 2 | f9f4418d9f | | | 30-JUN-22 16:10:23 | 05-Jul-2022 10.05 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 18240.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 10.0 | NO | ODOURLESS | PASS | 53.70 | 7.5 |
| 3 | a002946b4b | | | 30-JUN-22 21:30:41 | 30-Jun-2022 21.52 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 4170.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 4 | 9ab6c5c138 | | | 01-JUL-22 00:06:32 | 01-Jul-2022 03.28 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2390.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 5 | e5ae8f4e8a | | | 01-JUL-22 00:49:56 | 01-Jul-2022 03.32 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1990.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 6 | 31e9eeb724 | | | 01-JUL-22 00:50:52 | 01-Jul-2022 03.28 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 2600.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 7 | 0290a3467c | | | 01-JUL-22 02:05:35 | 01-Jul-2022 03.28 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2820.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 8 | bbe0728cf0 | | | 01-JUL-22 02:08:20 | 01-Jul-2022 03.27 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2120.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 9 | cd250ee96b | | | 01-JUL-22 02:12:14 | 01-Jul-2022 03.28 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 3110.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

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|-------|------------|----------|----------|--------------------|-------------------|---|----------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 10 | b6661def95 | | | 01-JUL-22 03:27:15 | 01-Jul-2022 05.48 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1680.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 11 | fb09e8bdb7 | | | 01-JUL-22 03:30:10 | 01-Jul-2022 05.47 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 3120.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 12 | bd6c09481b | | | 01-JUL-22 04:12:18 | 01-Jul-2022 05.47 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2420.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 13 | 644c7dbad7 | | | 01-JUL-22 04:27:49 | 01-Jul-2022 05.47 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2050.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 14 | 991d1237be | | | 01-JUL-22 05:15:18 | 01-Jul-2022 06.16 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 1300.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 15 | 0e2b2239cf | | | 01-JUL-22 05:17:56 | 01-Jul-2022 06.18 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2700.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 16 | 87c778ff0c | | | 01-JUL-22 05:50:28 | 01-Jul-2022 06.15 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1100.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 17 | e927bd2cc8 | | | 01-JUL-22 05:54:00 | 01-Jul-2022 06.15 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1270.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 18 | fccaa09edd | | | 01-JUL-22 08:13:47 | 01-Jul-2022 15.22 | Concentration or evaporation residues (37.3) | SOLID | CONCENTRATION WASTE. | 20670.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 4.2 | NO | ODOURLESS | PASS | 29.12 | 7.5 |

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|-------|------------|----------|----------|--------------------|-------------------|---|----------------|---------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 19 | 0850c74cce | | | 01-JUL-22 08:41:43 | 01-Jul-2022 10.58 | Spent carbon or filter medium (36.2) | SOLID | LIME ASH WASTE P-2. | 1830.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 20 | 736eda79e1 | | | 01-JUL-22 08:42:30 | 01-Jul-2022 11.00 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1560.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 21 | 282bcc717a | | | 01-JUL-22 08:43:12 | 01-Jul-2022 11.03 | Process wastes or residues (29.1) | SOLID | MEE SALT.. | 2440.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 22 | 5fb4eef4a5 | | | 01-JUL-22 09:39:25 | 01-Jul-2022 15.26 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 10900.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 12.80 | 7.5 |
| 23 | 687e9188c5 | | | 01-JUL-22 09:52:01 | 01-Jul-2022 15.23 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 7460.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 31.0 | NO | ODOURLESS | PASS | 65.23 | 7.5 |
| 24 | 874fad74a5 | | | 01-JUL-22 09:58:14 | 01-Jul-2022 15.26 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 10920.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 11.25 | 7.5 |
| 25 | 231cae73ea | | | 01-JUL-22 10:13:11 | 01-Jul-2022 15.24 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 11350.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 11.02 | 7.5 |
| 26 | c39b44eb02 | | | 01-JUL-22 10:17:32 | 01-Jul-2022 15.26 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 17430.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 17.0 | NO | ODOURLESS | PASS | 75.86 | 7.5 |
| 27 | 7bd0ec01cc | | | 01-JUL-22 10:46:37 | 01-Jul-2022 11.36 | Process wastes or residues (29.1) | SOLID | MEE SALT.. | 2060.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

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|-------|------------|----------|----------|--------------------|-------------------|---|----------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 28 | 4fec2433ae | | | 01-JUL-22 10:53:02 | 01-Jul-2022 15.27 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 15860.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 3.2 | NO | ODOURLESS | NOT PASS | 18.70 | 7.5 |
| 29 | bb02a50bf2 | | | 01-JUL-22 11:04:07 | 01-Jul-2022 11.29 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 3100.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 30 | 6ce29ebe0a | | | 01-JUL-22 11:05:59 | 01-Jul-2022 11.38 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-1. | 3170.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 31 | 5a18162009 | | | 01-JUL-22 11:33:15 | 01-Jul-2022 15.19 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2000.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 32 | d4940f9558 | | | 01-JUL-22 12:18:21 | 01-Jul-2022 15.13 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2580.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 33 | a4419bb7a1 | | | 01-JUL-22 12:21:48 | 01-Jul-2022 15.19 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-1. | 1560.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 34 | cdf3f618c4 | | | 01-JUL-22 12:45:14 | 01-Jul-2022 15.17 | Process wastes or residues (29.1) | SOLID | MEE SALT.. | 2210.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 35 | f76df6934e | | | 01-JUL-22 12:52:35 | 01-Jul-2022 15.54 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 15455.000 | 18.42 | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 3.49 | 7.5 |
| 36 | 20b508c7d0 | | | 01-JUL-22 13:01:18 | 01-Jul-2022 15.52 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 15690.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 18.0 | NO | ODOURLESS | PASS | 62.10 | 7.5 |

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|-------|------------|----------|----------|--------------------|-------------------|---|-------------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 37 | 71220ed23b | | | 01-JUL-22 14:57:50 | 01-Jul-2022 16.18 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2150.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 38 | c7fbf78ec3 | | | 01-JUL-22 15:11:52 | 01-Jul-2022 16.17 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2230.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 39 | c0845836d5 | | | 01-JUL-22 15:18:01 | 01-Jul-2022 16.15 | Insulation waste (Insulation) | NON RECYCLE WASTE | INSULATION WASTE. | 1080.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 40 | f3ef2d95d7 | | | 01-JUL-22 15:21:34 | 01-Jul-2022 17.33 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 18300.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 17.2 | NO | ODOURLESS | NOT PASS | 54.90 | 7.5 |
| 41 | 04f95c8c28 | | | 01-JUL-22 15:25:25 | 01-Jul-2022 17.34 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 10500.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 11.65 | 7.5 |
| 42 | a2e19cc4f3 | | | 01-JUL-22 15:37:15 | 01-Jul-2022 17.33 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 13710.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.8 | NO | ODOURLESS | PASS | 17.37 | 7.5 |
| 43 | 09ae21be33 | | | 01-JUL-22 15:44:45 | 01-Jul-2022 17.32 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1510.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 44 | 7ba0dea0dd | | | 01-JUL-22 16:33:55 | 01-Jul-2022 17.39 | Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1) | SOLID | PROCESS WASTE. | 16490.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 1.8 | NO | ODOURLESS | PASS | 19.86 | 7.5 |
| 45 | 4040d57804 | | | 01-JUL-22 16:42:57 | 01-Jul-2022 17.19 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2840.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

| 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 | d08d0a9dc7 | | | 31-JUL-22 20:51:38 | 31-Jul-2022 22.09 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2630.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 2 | 8ac14d0b55 | | | 31-JUL-22 21:34:56 | 01-Aug-2022 02.34 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 2010.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 3 | 0f8a0d15cf | | | 01-AUG-22 00:12:14 | 01-Aug-2022 02.34 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2620.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 4 | 3f8a19da4e | | | 01-AUG-22 01:05:31 | 01-Aug-2022 02.34 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1960.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 5 | a180d33b4c | | | 01-AUG-22 01:26:33 | 01-Aug-2022 02.34 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 3660.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 6 | 26cb27fc2c | | | 01-AUG-22 01:30:35 | 01-Aug-2022 02.34 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2100.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 7 | 8abe481261 | | | 01-AUG-22 01:57:27 | 01-Aug-2022 02.34 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2730.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 8 | 1dacdd1cf6 | | | 01-AUG-22 03:37:25 | 01-Aug-2022 06.12 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2120.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 9 | 6b2df4df9e | | | 01-AUG-22 05:09:59 | 01-Aug-2022 06.12 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 2040.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

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|-------|------------|----------|----------|--------------------|-------------------|---|----------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 10 | b64556678c | | | 01-AUG-22 05:25:40 | 01-Aug-2022 06.12 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2110.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 11 | 8e0a8d829c | | | 01-AUG-22 05:55:04 | 01-Aug-2022 06.12 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2630.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 12 | 8678601240 | | | 01-AUG-22 05:56:28 | 01-Aug-2022 06.12 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2420.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 13 | d4b8755b5f | | | 01-AUG-22 08:12:14 | 01-Aug-2022 15.38 | Concentration or evaporation residues (37.3) | SOLID | CONCENTRATION WASTE. | 20860.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 1.0 | NO | ODOURLESS | PASS | 9.16 | 7.5 |
| 14 | 8de3849a9c | | | 01-AUG-22 08:32:32 | 01-Aug-2022 15.39 | Concentration or evaporation residues (37.3) | SOLID | CONCENTRATION WASTE. | 24850.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 3.2 | NO | ODOURLESS | NOT PASS | 13.14 | 7.5 |
| 15 | cac9eb0c9 | | | 01-AUG-22 08:36:16 | 01-Aug-2022 09.45 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 2010.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 16 | 36052d4af7 | | | 01-AUG-22 08:38:17 | 01-Aug-2022 09.40 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2360.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 17 | 52d81325a5 | | | 01-AUG-22 08:40:50 | 01-Aug-2022 15.43 | Concentration or evaporation residues (37.3) | SOLID | CONCENTRATION WASTE. | 21170.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 1.0 | NO | ODOURLESS | PASS | 10.11 | 7.5 |
| 18 | fbe45e607f | | | 01-AUG-22 11:04:17 | 01-Aug-2022 12.07 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1940.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

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|-------|------------|----------|----------|-----------------------|-------------------|---|----------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 19 | 66f45745e8 | | | 01-AUG-22 11:06:21 | 01-Aug-2022 12.07 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2490.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 20 | dc21297a00 | | | 01-AUG-22 11:12:40 | 01-Aug-2022 12.07 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-1. | 1700.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 21 | 21d2761c2f | | | 01-AUG-22 11:16:18 | 01-Aug-2022 12.07 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2920.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 22 | 08a0462456 | | | 01-AUG-22 11:37:12 | 01-Aug-2022 15.43 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 15140.0 00 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 22.0 | NO | ODOURLESS | PASS | 64.14 | 7.5 |
| 23 | 99e6dd9ad1 | | | 01-AUG-22 14:33:06 | 01-Aug-2022 18.16 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 15110.0 00 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 16.0 | NO | ODOURLESS | NOT PASS | 46.26 | 7.5 |
| 24 | 43b4b2264a | | | 01-AUG-22 14:38:57 | 01-Aug-2022 15.29 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-1. | 1630.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 25 | 55107a8607 | | | 01-AUG-22 14:43:22 | 01-Aug-2022 15.30 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2840.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 26 | 7d0c9dcede | | | 01-AUG-22 15:38:12 | 01-Aug-2022 18.16 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1840.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 27 | 1ae17cd4b1 | | | 01-AUG-22 15:40:33 | 01-Aug-2022 18.19 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2170.00 0 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

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|-------|------------|----------|----------|--------------------|-------------------|---|----------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 28 | 4f661cb4a7 | | | 01-AUG-22 16:08:56 | 01-Aug-2022 18.15 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 9910.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 14.26 | 7.5 |
| 29 | e86eccc415 | | | 01-AUG-22 16:11:00 | 01-Aug-2022 18.15 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 10320.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 15.48 | 7.5 |
| 30 | 606ef26944 | | | 01-AUG-22 16:13:14 | 01-Aug-2022 18.19 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 3400.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 31 | 0a758bf50b | | | 01-AUG-22 16:19:21 | 01-Aug-2022 22.15 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 20170.000 | 3.56 | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 3.94 | 7.5 |
| 32 | 316e825c67 | | | 01-AUG-22 17:13:41 | 01-Aug-2022 18.21 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2900.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 33 | 392584a116 | | | 01-AUG-22 17:14:54 | 01-Aug-2022 18.19 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2570.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 34 | 2575015114 | | | 01-AUG-22 17:17:51 | 01-Aug-2022 18.19 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1370.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 35 | 95da45af84 | | | 01-AUG-22 17:40:01 | 01-Aug-2022 18.21 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1870.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 36 | a0403bceb9 | | | 01-AUG-22 18:44:17 | 02-Aug-2022 10.09 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 13020.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 25.8 | NO | ODOURLESS | PASS | 68.34 | 7.5 |

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|-------|------------|----------|----------|--------------------|-------------------|---|----------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|----|
| 37 | a3fe5b05cf | | | 01-AUG-22 21:01:24 | 01-Aug-2022 21.42 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 1230.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 38 | 22295939fb | | | 01-AUG-22 21:02:50 | 01-Aug-2022 21.42 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1790.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 39 | 660bdb926e | | | 01-AUG-22 21:07:50 | 01-Aug-2022 21.43 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1440.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 40 | 7d0c69c457 | | | 01-AUG-22 21:09:49 | 01-Aug-2022 21.43 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1930.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 41 | 4c412066d7 | | | 01-AUG-22 22:09:16 | 02-Aug-2022 02.23 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 3510.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 42 | 256544b673 | | | 01-AUG-22 22:20:23 | 02-Aug-2022 02.25 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2500.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 43 | de48708451 | | | 01-AUG-22 22:46:40 | 02-Aug-2022 02.24 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 3600.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 44 | 7d28c9e135 | | | 01-AUG-22 23:11:56 | 02-Aug-2022 02.24 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 3720.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |
| 45 | b4b028ef9c | | | 01-AUG-22 23:13:11 | 02-Aug-2022 02.22 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 3920.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | | | |

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|-------|------------|----------|----------|--------------------|-------------------|---|----------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|----|
| 1 | c6467a4459 | | | 01-SEP-22 00:43:30 | 01-Sep-2022 01.37 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2830.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 2 | 23a69d7352 | | | 01-SEP-22 00:50:54 | 01-Sep-2022 01.37 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2080.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 3 | cf32b0df31 | | | 01-SEP-22 02:29:20 | 01-Sep-2022 06.19 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2790.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 4 | 85a9a21980 | | | 01-SEP-22 02:46:22 | 01-Sep-2022 06.18 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2990.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 5 | 43a53a12f4 | | | 01-SEP-22 04:53:36 | 01-Sep-2022 06.23 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-1. | 1900.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 6 | cf6529890f | | | 01-SEP-22 05:14:11 | 01-Sep-2022 06.20 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 3450.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 7 | 49f05d3b36 | | | 01-SEP-22 05:47:36 | 01-Sep-2022 06.21 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2670.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 8 | 4f233136b9 | | | 01-SEP-22 09:44:20 | 01-Sep-2022 11.59 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2940.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 9 | cb465543d5 | | | 01-SEP-22 09:45:46 | 01-Sep-2022 11.53 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2810.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |

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|-------|------------|----------|----------|--------------------|-------------------|---|----------------|----------------------|---------------|----------------|---------------------|--------------------|-------------------|--------------------------------|------------------------------|-----------|-------------------------------------|----------------------------|-----|
| 10 | 5d4d0ef70b | | | 01-SEP-22 09:52:22 | 01-Sep-2022 15.15 | Chemical sludge from waste water treatment (35.3) | SOLID | CHEMICAL SLUDGE. | 18060.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 23.0 | NO | ODOURLESS | NOT PASS | 67.74 | 7.5 |
| 11 | 482334f4db | | | 01-SEP-22 09:57:33 | 01-Sep-2022 15.18 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 9265.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 14.45 | 7.5 |
| 12 | 1eb83a3530 | | | 01-SEP-22 10:00:29 | 01-Sep-2022 15.16 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 11705.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 16.37 | 7.5 |
| 13 | b623608034 | | | 01-SEP-22 10:07:23 | 01-Sep-2022 11.46 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2470.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 14 | 990ba7fdb1 | | | 01-SEP-22 10:19:46 | 01-Sep-2022 11.55 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | GCT ASH WASTE P-2. | 2520.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 15 | c4c5f0a996 | | | 01-SEP-22 10:23:20 | 01-Sep-2022 11.48 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | GCT ASH WASTE P-2. | 2710.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 16 | 6a57fccb7 | | | 01-SEP-22 11:08:40 | 01-Sep-2022 15.20 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 10470.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 13.87 | 7.5 |
| 17 | 30f4d21129 | | | 01-SEP-22 11:12:51 | 02-Sep-2022 09.29 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1600.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 18 | 1a374b5d1f | | | 01-SEP-22 11:16:44 | 01-Sep-2022 15.19 | Concentration or evaporation residues (37.3) | SOLID | CONCENTRATION WASTE. | 24620.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.6 | NO | ODOURLESS | PASS | 8.97 | 7.5 |

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

| 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 | 578b9112dc | | | 01-SEP-22 12:25:37 | 01-Sep-2022 16.34 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 10080.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 13.50 | 7.5 |
| 20 | d3f500c33f | | | 01-SEP-22 12:31:40 | 01-Sep-2022 17.23 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 14880.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 20.0 | NO | ODOURLESS | PASS | 66.82 | 7.5 |
| 21 | 2938f601e3 | | | 01-SEP-22 13:04:55 | 01-Sep-2022 17.13 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 21020.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 7.26 | 7.5 |
| 22 | b3fd599e75 | | | 01-SEP-22 13:26:32 | 01-Sep-2022 16.32 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 3020.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 23 | caa0a576ba | | | 01-SEP-22 13:34:27 | 01-Sep-2022 16.32 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2790.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 24 | e7f062ee05 | | | 01-SEP-22 14:00:42 | 01-Sep-2022 17.29 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 13700.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 23.5 | NO | ODOURLESS | NOT PASS | 74.10 | 7.5 |
| 25 | d713fd0d45 | | | 01-SEP-22 14:02:12 | 01-Sep-2022 16.32 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2960.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 26 | 6ceed2808b | | | 01-SEP-22 14:11:39 | 01-Sep-2022 16.39 | Chemical sludge from waste water treatment (35.3) | SOLID | CHEMICAL SLUDGE. | 13010.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 21.9 | NO | ODOURLESS | NOT PASS | 73.96 | 7.5 |
| 27 | 527cdabdc9 | | | 01-SEP-22 14:31:19 | 01-Sep-2022 16.38 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 9095.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 8.46 | 7.5 |

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

| 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 | 0aa2d10b47 | | | 01-SEP-22 14:40:37 | 01-Sep-2022 16.39 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 13830.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 20.0 | NO | ODOURLESS | NOT PASS | 69.15 | 7.5 |
| 29 | db3a133b49 | | | 01-SEP-22 14:57:59 | 01-Sep-2022 16.38 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 14310.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 11.0 | NO | ODOURLESS | PASS | 39.15 | 7.5 |
| 30 | 54c44dd6ab | | | 01-SEP-22 15:39:53 | 01-Sep-2022 17.35 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2770.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 31 | c57f114f1e | | | 01-SEP-22 16:01:35 | 01-Sep-2022 17.33 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-2. | 1690.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 32 | 1ff80cd4b4 | | | 01-SEP-22 16:02:51 | 01-Sep-2022 17.34 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2830.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 33 | d9ed881e62 | | | 01-SEP-22 16:17:53 | 01-Sep-2022 17.33 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | LIME ASH WASTE P-1. | 1310.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 34 | c3399944f6 | | | 01-SEP-22 16:49:36 | 01-Sep-2022 18.46 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 11900.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 30.1 | NO | ODOURLESS | PASS | 65.13 | 7.5 |
| 35 | 387261ef8d | | | 01-SEP-22 16:59:29 | 01-Sep-2022 18.51 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 3180.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 36 | 6c7d9ee8d1 | | | 01-SEP-22 17:50:14 | 01-Sep-2022 18.51 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2820.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |

Receipt Date From:

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

| 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 | d7be048251 | | | 01-SEP-22 17:51:31 | 01-Sep-2022 18.52 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1570.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 38 | 7024b3015c | | | 01-SEP-22 17:59:49 | 01-Sep-2022 19.33 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 20830.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 8.75 | 7.5 |
| 39 | d4f1350f8b | | | 01-SEP-22 18:25:25 | 01-Sep-2022 19.32 | Chemical sludge from waste water treatment (35.3) | SOLID | ETP SLUDGE. | 19280.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | 0.0 | NO | ODOURLESS | PASS | 8.81 | 7.5 |
| 40 | 2616bc16c6 | | | 01-SEP-22 21:17:57 | 02-Sep-2022 01.17 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1510.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 41 | acb6472d6 | | | 01-SEP-22 21:22:10 | 02-Sep-2022 01.15 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 1900.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 42 | aa419ffd3e | | | 01-SEP-22 22:49:05 | 02-Sep-2022 01.16 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 2660.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 43 | 22bd15fa7b | | | 02-SEP-22 00:16:18 | 02-Sep-2022 04.52 | Chemical sludge from waste water treatment (35.3) | SOLID | MEE SPD SALT WASTE. | 3170.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 44 | ad77cfd470 | | | 02-SEP-22 00:48:53 | 02-Sep-2022 04.52 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 1370.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |
| 45 | 01e2616106 | | | 02-SEP-22 00:52:20 | 02-Sep-2022 04.45 | Ash from incinerator and flue gas cleaning residue (37.2) | SOLID | BURNT ASH WASTE P-2. | 2540.000 | | COMPARABLE | COMPATIBLE | NON-FLAMMABLE | | NO | ODOURLESS | PASS | | |

OIC



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

Date: 25/10/2022

To,
Dy. Director of industrial health and safety,
2nd floor, Multi stories Building
Nr. Bharuch District Court, Bharuch.

Subject: Submitting of on site emergency plan for the year 2023.

Dear Sir,

Herewith, we are submitting the "ON SITE EMERGENCY PLAN" update in Oct-22 for the year 2022-23.

This is for your Kind information and records .

Thanking You,

For, BEIL Infrastructure Ltd.

B.D. Dalwadi

(Factory Manager)

નામ નિવાસ ઓફીસ
 ભવામનિ અને સ્વાસ્થ્ય
 ભરૂચ 24-10-22

CIN No.: U45300GJ1997PLC032696

Regd. Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)
Phones (02646) 253135, 225228 • Fax : (02646) 222849 • E-mail : dalwadibd@beil.co.in

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> |
| <p>Noise</p> | <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. |



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



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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

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 0178**
Issue Date : **14/05/2022**
Customer's Ref. : **W.O.No. 8521220045**
Dated: **19.04.2021**

Description of Sample : **Soil Sample**
Date of Sampling : **03/05/2022** Quantity/No. of Samples : **02 Kg/Four**
Sampling By : **Pollucon Laboratories Pvt. Ltd.** Sampling Procedure : **USEPA/IS 2720 etc.**
Sample Receipt Date : **04/05/2022** Protocol (purpose) : **USEPA/IS 2720 etc.**
Packing/ Seal : **Sealed** Lab ID : **BL/2205/25 to 27**
Date of Starting of Test : **04/05/2022** Test Parameters : **As per table**
Test Method : **USEPA/IS 2720 etc.** Date of Completion of Test : **13/05/2022**

TEST RESULT

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | | |
|---------|----------------------------|---------|----------------------------------|------------------|----------------------------------|
| | | | NEAR HB-7 (NR. SECURITY POINT-4) | Behind Shed No.7 | NEAR LANDFILL STABILIZATION AREA |
| 1 | pH | -- | 8.32 | 8.40 | 8.29 |
| 2 | Conductivity | µmho/cm | 269 | 532 | 876 |
| 3 | TDS | % | 0.324 | 0.28 | 0.43 |
| 4 | TOC | % | 0.54 | 0.69 | 0.697 |
| 5 | Fluoride | mg/L | 1.36 | 1.13 | 1.25 |
| 6 | Lead Analyzed By TCLP | mg/L | Not Detected | 0.47 | Not Detected |
| 7 | Copper Analyzed By TCLP | mg/L | 0.45 | 0.168 | 0.164 |
| 8 | Chromium Analyzed By TCLP | mg/L | 0.17 | 0.083 | 0.098 |
| 9 | Mercury Analyzed By TCLP | mg/L | Not Detected | Not Detected | Not Detected |
| 10 | Nickel Analyzed By TCLP | mg/L | 0.46 | 0.37 | 0.47 |
| 11 | Cyanide | mg/L | Not Detected | Not Detected | Not Detected |
| 12 | Arsenic Analyzed By TCLP | mg/L | Not Detected | Not Detected | Not Detected |
| 13 | Zinc Analyzed By TCLP | mg/L | 0.732 | 0.58 | 0.98 |
| 14 | PAH | mg/L | Not Detected | | Not Detected |
| 15 | Cadmium Analyzed By TCLP | mg/L | Not Detected | Not Detected | Not Detected |
| 16 | Manganese Analyzed By TCLP | mg/L | 1.13 | 1.47 | 11.87 |

ND*: Not Detected


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager (Q)

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

● FSSAI Approved Lab ● 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 0179**
Issue Date : **14/05/2022**
Customer's Ref. : **W.O.No. 8521220045**
Dated: **19.04.2021**

Description of Sample : **Soil Sample**
Date of Sampling : **03/05/2022** Quantity/No. of Samples : **02 Kg/Four**
Sampling By : **Pollucon Laboratories Pvt. Ltd.** Sampling Procedure : **USEPA/IS 2720 etc.**
Sample Receipt Date : **04/05/2022** Protocol (purpose) : **USEPA/IS 2720 etc.**
Packing/ Seal : **Sealed** Lab ID : **BL/2205/28 to 30**
Date of Starting of Test : **04/05/2022** Test Parameters : **As per table**
Test Method : **USEPA/IS 2720 etc.** Date of Completion of Test : **13/05/2022**

TEST RESULT

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | | |
|---------|----------------------------|---------|-------------------------------|------------------------------|-------------------------|
| | | | NEAR HB-1 (BEHIND LABORATORY) | NEAR INDUSTRIAL SOLVENT SIDE | NEAR INCINERATION PLANT |
| 1 | pH | -- | 8.15 | 8.23 | 8.72 |
| 2 | Conductivity | µmho/cm | 1368 | 17492 | 503 |
| 3 | TDS | % | 0.4 | 1.78 | 0.398 |
| 4 | TOC | % | 1.13 | 0.93 | 0.54 |
| 5 | Fluoride | mg/L | 1.26 | 0.76 | 0.192 |
| 6 | Lead Analyzed By TCLP | mg/L | Not Detected | 0.32 | Not Detected |
| 7 | Copper Analyzed By TCLP | mg/L | 0.21 | 0.17 | 0.358 |
| 8 | Chromium Analyzed By TCLP | mg/L | Not Detected | Not Detected | 0.12 |
| 9 | Mercury Analyzed By TCLP | mg/L | Not Detected | Not Detected | Not Detected |
| 10 | Nickel Analyzed By TCLP | mg/L | 0.84 | 0.298 | 0.476 |
| 11 | Cyanide | mg/L | Not Detected | Not Detected | Not Detected |
| 12 | Arsenic Analyzed By TCLP | mg/L | Not Detected | Not Detected | Not Detected |
| 13 | Zinc Analyzed By TCLP | mg/L | 1.12 | 0.756 | 0.863 |
| 14 | PAH | mg/L | Not Detected | 0.756 | Not Detected |
| 15 | Cadmium Analyzed By TCLP | mg/L | Not Detected | Not Detected | Not Detected |
| 16 | Manganese Analyzed By TCLP | mg/L | 9.70 | 7.32 | 6.79 |

ND*: Not Detected


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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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 0277 Issue Date : 15/09/2022 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 | : 05/09/2022 | Sampling Procedure | : USEPA/IS 2720 etc. |
| Sampling By | : Pollucon Laboratories Pvt. Ltd. | Protocol (purpose) | : USEPA/IS 2720 etc. |
| Sample Receipt Date | : 06/09/2022 | Lab ID | : BL/2209/16 & 17 |
| Packing/ Seal | : Sealed | Test Parameters | : As per table |
| Date of Starting of Test | : 06/09/2022 | Date of Completion of Test | : 15/09/2022 |
| 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 | -- | 8.19 | 8.51 |
| 2 | Conductivity | µmho/cm | 1075 | 908 |
| 3 | TDS | % | 0.364 | 0.274 |
| 4 | TOC | % | 0.97 | 0.58 |
| 5 | Fluoride | mg/L | 1.06 | 0.95 |
| 6 | Lead Analyzed By TCLP | mg/L | 0.29 | Not Detected |
| 7 | Copper Analyzed By TCLP | mg/L | 0.35 | 0.35 |
| 8 | Chromium Analyzed By TCLP | mg/L | 0.093 | 0.087 |
| 9 | Mercury Analyzed By TCLP | mg/L | Not Detected | Not Detected |
| 10 | Nickel Analyzed By TCLP | mg/L | 0.67 | 0.75 |
| 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 | 1.15 | 0.97 |
| 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 | 12.81 | 9.56 |

ND*: Not Detected


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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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 0256A**
Issue Date : **15/08/2022**
Customer's Ref. : **W.O.No. 8522230050**
Dated:**21.04.2022**

Description of Sample : **Soil Sample**
Date of Sampling : **05/08/2022** Quantity/No. of Samples : **02 Kg/Four**
Sampling By : **Pollucon Laboratories Pvt. Ltd.** Sampling Procedure : **USEPA/IS 2720 etc.**
Sample Receipt Date : **06/08/2022** Protocol (purpose) : **USEPA/IS 2720 etc.**
Packing/ Seal : **Sealed** Lab ID : **BL/2208/16 & 17**
Date of Starting of Test : **06/08/2022** Test Parameters : **As per table**
Test Method : **USEPA/IS 2720 etc.** Date of Completion of Test : **15/08/2022**

TEST RESULT

| SR. NO. | TEST PARAMETERS | UNIT | RESULT | |
|---------|----------------------------|---------|----------------------------------|------------------------------|
| | | | BEIL up side (Nr. Laboratory) | BEIL Down side (Nr. HB-7) |
| 1 | pH | -- | 8.25 | 8.32 |
| 2 | Conductivity | µmho/cm | 1264 | 872 |
| 3 | TDS | % | 0.395 | 0.301 |
| 4 | TOC | % | 0.84 | 0.30 |
| 5 | Fluoride | mg/L | 1.40 | 1.20 |
| 6 | Lead Analyzed By TCLP | mg/L | Not Detected | Not Detected |
| 7 | Copper Analyzed By TCLP | mg/L | 0.18 | 0.23 |
| 8 | Chromium Analyzed By TCLP | mg/L | 0.056 | 0.1 |
| 9 | Mercury Analyzed By TCLP | mg/L | Not Detected | Not Detected |
| 10 | Nickel Analyzed By TCLP | mg/L | 0.44 | 0.25 |
| 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 | 1.38 | 0.86 |
| 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 | 9.40 | 6.50 |

ND*: Not Detected

H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager (Q)

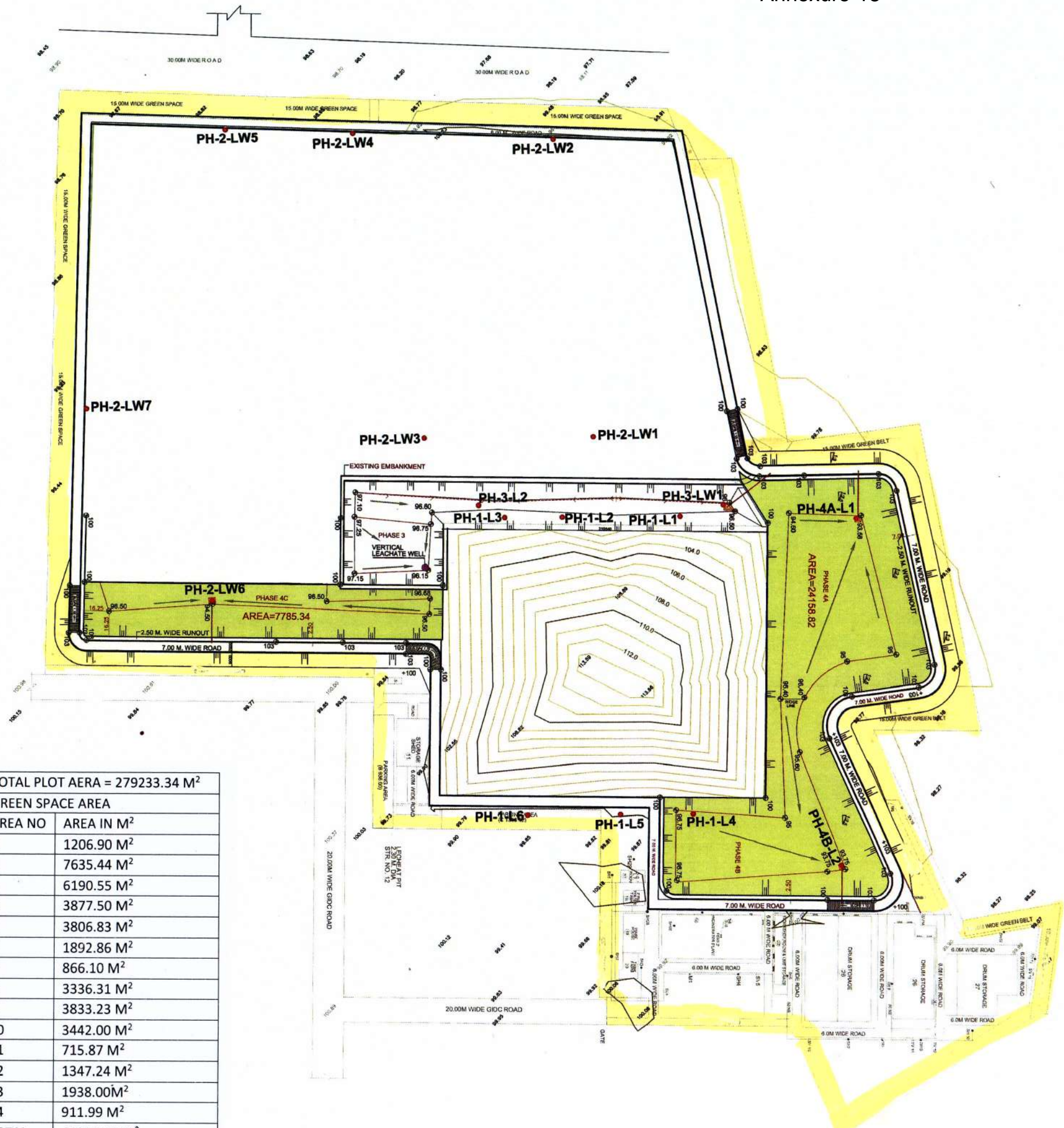
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Annexure-13



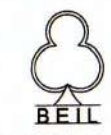
LEGEND

| | |
|-------|-----------------------------------|
| 97.11 | EXISTING GROUND LEVELS |
| 98.0 | EXISTING GROUND CONTOURS |
| 110.0 | PROPOSED FINAL CONTOURS - PHASE 2 |

BASE AREA OF PHASE-4
PHASE-4 A/B = 24,158.82 m²
PHASE-4 C = 7,785.34 m²
31,944.16 m²

| TOTAL PLOT AREA = 279233.34 M ² | |
|--|-------------------------|
| GREEN SPACE AREA | |
| AREA NO | AREA IN M ² |
| 1 | 1206.90 M ² |
| 2 | 7635.44 M ² |
| 3 | 6190.55 M ² |
| 4 | 3877.50 M ² |
| 5 | 3806.83 M ² |
| 6 | 1892.86 M ² |
| 7 | 866.10 M ² |
| 8 | 3336.31 M ² |
| 9 | 3833.23 M ² |
| 10 | 3442.00 M ² |
| 11 | 715.87 M ² |
| 12 | 1347.24 M ² |
| 13 | 1938.00 M ² |
| 14 | 911.99 M ² |
| TOTAL | 41000.82 M ² |

PROJECT
ANKLESHWAR HAZARDOUS WASTE FACILITY - PHASE 4 CONSTRUCTION



BHARUCH ENVIRO INFRASTRUCTURE LTD

CONSULTANT:
BEIL RESEARCH & CONSULTANCY PVT. LTD.
 9701-16, GIDC, ANKLESHWAR 393 002,
 DIS. BHARUCH (GUJARAT), INDIA
 TEL: (02646) - 253135, 225228, FAX : (02646) 222849

SPECIALIST CONSULTANT
NICK CAWTHORNE & ASSOCIATES

APPROVED BY
INDIAN INSTITUTE OF TECHNOLOGY, NEW DELHI

Dr. Manoj Datta
 Professor

NAME OF DRAWING
PROPOSED BASE AREA OF PHASE-4

DRAWING NO. **009** REV **0**

SCALE **1:2700 @ A3** DATE **28.03.2019**



ગુજરાત ઔદ્યોગિક 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 9928

GIDC

Ankleshwar

 Sub.: Approval of drawing of the proposed / ~~Revised~~, ~~Extension~~ & ~~Altretion~~
 Factory Building / ~~Residential Building~~ / ~~Commercial Building~~ on Plot/Shed
 No. 7905/E TO 9928

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

- The drawings are subject to approval by the Dy. Director, Industrial Safty & Health. You have to submit within one month to this office.
- The drawings are subject to checking of structural soundness and safety by your Engineers.
- The drawings will be subject to revision under regulation formulated by the Corporation from time to time.
- The full plot is allotted to you and the possession is taken by you.
- 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 CONSANT.
- Effluent shall be treated as per ISS 3088/1965 and plans for the same should be submitted before commencement of the factory.
- Septic tank, Control Manhole etc should be provided with C.I heavy cover as per requirements.
- 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.
- Barbed wire fencing or compound wall shall be within the plot boundries of owners own plot.
- You are requested to obtain the completion certificate from Executive Engineer GIDC, Ankleshwar, after completing the constructon work on site.**
- The time limit extension orders, for utilisation of plot/ shed shall be obtained from Regional Manager, GIDC, Ankleshwar.
- 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.
- You are requested to provide 3 Nos of tree per 200.00 sq. mts/plot/area.

14. The shed _____ is constructed with ream 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 apped Layout plan.

પ્રતિ,

કબ્જેદારશ્રી,

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 (વિસ્તૃતીકરણ)

મહાશય,

ઉપરોક્ત વિષયના સંદર્ભમાં આપના કારખાનાના નકશાની નકલ-નકલો નીચેની શરતોને આધિન રહીને મંજૂર કરી પરત કરવામાં આવે છે.

- (૧) મકાન કે વિસ્તૃતીકરણનો કારખાના તરીકે ઉપયોગ કરતા પહેલા મંજૂર થયેલ નકશામાં બતાવેલ કારખાનાનું વિસ્તૃતીકરણનું બાંધકામ, પ્લાન્ટ તથા મશીનરી અંગે સ્ટ્રક્ચરલ એન્જીનીયરીંગનું કારખાનાની મજબુતાઈ ચકાસ્યા અંગેનું સ્ટેબિલીટી સર્ટીફિકેટ ગુજરાત કારખાનાના નિયમ-૧૯૬૩ના નિયમ-૩ (ગ) હેઠળ નકકી કરેલ નમૂના-૧ (એ) માં આપવું. સાથે બાંધકામની સ્ટ્રક્ચરલ ડીટેઇલ, ડીઝાઇન અને ડ્રોઇંગ રજૂ કરવું. ઉપરાંત કારખાનાનું મકાન તેના કલોર 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 સ્ટેબિલીટી 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 નિરીક્ષક) ની સ્થાનિક કચેરીએ કરવાની રહેશે.
- (૨) નવું તથા વધારાનું બાંધકામ કરતા અગાઉ સ્થાનિક સત્તાવાળા જેવા કે નગરપાલિકા/નગરપંચાયત/જિલ્લા 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 પાણી, ધુમાડો, ધૂળ કે ગેસ વિગેરેના નિકાલ અંગેની જાણ વાયુ પ્રદૂષણ પાસેથી મંજૂરી મેળવવી.
- (૪) નવા કારખાના માટે નવું બાંધકામ કરેલ હોય તો ECOMWELFARE & CESS ACT ની જોગવાઈ મંજૂબ 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 કારખાનાં માં બતાવેલ ખુલ્લી રાખવાપાત્ર જગ્યાઈ ખુલ્લી જ રાખવાની રહેશે.
- (૬) કારખાનાં માં કામ કરતી વખતે શ્રમયોગીઓની યોગ્ય સલામતીના સાધાનો વસાવી પુરાં પાડવાં તેમજ ઈમરજંસી વખતે શ્રમયોગીઓની સહેલાઈથી નીકળી શકે તે માટે રસ્તા/સીડીઓઅડચણ રહીત વ્યવસ્થા કાયમ માટે કરવાની રહેશે.
- (૭) સુધારેલ ગુજરાત ફેક્ટરી રૂલ્સનાં નિયમ-૬૬(એ) અન્વયે આગ 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 ફાયર કન્ટેનમેન્ટ સીસ્ટમ ઇન્સ્ટોલ કરવાની રહેશે.

આપનો વિશ્વાસુ
 P. N. Shah
 ડાયરેક્ટર

ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ
 ગુજરાત રાજ્ય અમદાવાદ

ક્રમાંક/ડીઆઈએસએચ/અફ-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 : 9701-16, P.S. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
 PHONE : (02646) 253135, 225228

March 24, 2008

Paryavaran Suraksha Samiti
 Vadodara

Kind attn :- Mr Rohit Prajapati

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.

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 : 9701-18, P.S. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

Centre for Environment, Science & Community
CESCOM
Vadodara

Kind attn :- Mr Jayesh Patel

Dear Sir,

Sub :- Environmental Clearance for our TSDF Facility

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DR P N PARAMESWARAN
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Encl : a/a



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PHONE : (02646) 253135, 225228

March 24, 2008

Safety Health & Environment Association
Kasak Fuvara
Bharuch

Kind attn :- Mr Yogesh Pandya

Dear Sir,

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SITE OFFICE : 9701-16, P.E. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH

PHONE : (02646) 253135, 225228

Mr Pravinbhai P Sheth
Senior Citizen
Ankleshwar

Dear Sir;

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DR P N PARAMESWARAN
Sr General Manager (Environment)

End : a/a



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SITE OFFICE : 9701-16, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
B. E. I. I. PHONE : (02646) 253135, 225228
March 24, 2008

Paryavaran Mitra
Ahmedabad

Kind attn :- Mr Mahesh Pandya

Dear Sir;

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PHONE : (02646) 253135, 225228

March 24, 2008

Brackish Water Research Center
Olpad
Dist - Surat

Kind attn :- Mr. M S H Sheikh

Dear Sir,

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DR P N PARAMESWARAN
Sr General Manager (Environment)

End : a/a



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SITE OFFICE : 9701-15, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

Mr Bipin Upadhyay
Ankleshwar.

Dear Sir;

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PHONE : (02646) 253135, 225228

March 24, 2008

Mr Sandeep Jaguwala, Advocate
Ankleshwar

Dear Sir,

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B E I I

SITE OFFICE : 9701-16, P.S. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253135, 226228

March 24, 2008

The Ankleshwar Scrap Dealers' Association
Ansar Market
NH # 8
Ankleshwar

Dear Sir;

Sub :- Environmental Clearance for our TSD Facility

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SITE OFFICE : 9701-16, P.E. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253135, 228228

March 24, 2008

Gir Nature Club
Junagadh

Kind attn :- Mr.Amit Jethwa

Dear Sir;

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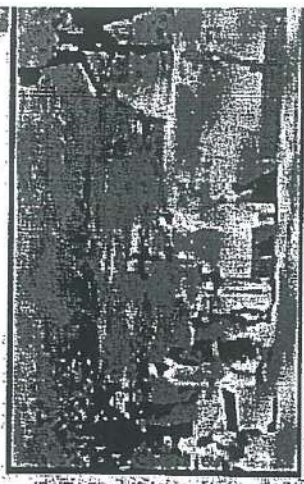
Thanking you

Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a

Sea threatens to drown Dandi's history



The Salt March, led by Mahatma Gandhi, is a landmark event in India's history. The marchers were protesting against the British salt tax. The march started on March 12, 1930, and ended on January 18, 1931, in Dandi. The marchers were led by Mahatma Gandhi and other prominent leaders of the Indian National Congress.

The Salt March, led by Mahatma Gandhi, is a landmark event in India's history. The marchers were protesting against the British salt tax. The march started on March 12, 1930, and ended on January 18, 1931, in Dandi. The marchers were led by Mahatma Gandhi and other prominent leaders of the Indian National Congress.

BHARUCH ENVIRO INFRASTRUCTURE LTD

Plot No. 5905 to 5908, 1001 to 1003 G-7 and 8, 924 to 927, 9401 to 9412, 99 to 9906, 9905 to 9907, 9901 to 9902, and 9923 to 9928, GIDC, Ankleshwar - 393 005 - District, Gujarat

ENVIRONMENTAL CLEARANCE FOR TSDF EXPANSION AND COMMON INCINERATION FACILITY

Government of India, Ministry of Environment & Forests, New Delhi, have accorded Environmental Clearance No. 10-49/2007/JA/JI dated 04.03.2008 to M/s Bharuch Enviro Infrastructure Ltd, Ankleshwar for expansion of TSDF Facility. Environmental clearance can be seen at GPCB and on the web site of MOEF (www.moef.nic.in)

TIMES CLASSIFIEDS

ABS

ABS (Acrylonitrile Butadiene Styrene) is a thermoplastic polymer resin of the acrylic family. It is used in a wide range of applications, including automotive parts, pipes, and containers.

DELHI BOWLING CENTER
Delhi Bowling Center is a premier bowling club in Delhi, India. It offers a wide range of bowling facilities and is a popular destination for bowling enthusiasts.

WALLA PAPER & MIRROR
Walla Paper & Mirror is a leading manufacturer and supplier of wall papers and mirrors in India. They offer a wide range of products and services.

CAVAYE PAPER & MIRROR
Cavaye Paper & Mirror is a leading manufacturer and supplier of wall papers and mirrors in India. They offer a wide range of products and services.

UNITED JEWELLERS
United Jewellers is a leading jewelry store in India. They offer a wide range of jewelry products and services.

SHYAM PAPER & MIRROR
Shyam Paper & Mirror is a leading manufacturer and supplier of wall papers and mirrors in India. They offer a wide range of products and services.

JANGALIA LORIC
Jangalia Loric is a leading manufacturer and supplier of loric products in India. They offer a wide range of products and services.

BAZAAR

BAZAAR

Bazaar is a leading online marketplace in India. It offers a wide range of products and services, including clothing, electronics, and home appliances.

REBELS
Rebels is a leading clothing brand in India. They offer a wide range of clothing products and services.

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THE BRIGHTER SIDE

THE BRIGHTER SIDE

The Brighter Side is a leading online marketplace in India. It offers a wide range of products and services, including clothing, electronics, and home appliances.

WANTED GENTS
Wanted Gents is a leading clothing brand in India. They offer a wide range of clothing products and services.

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EDUCATION FOR GENTS

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Education for Gents is a leading online marketplace in India. It offers a wide range of products and services, including clothing, electronics, and home appliances.

STUDY IN UK
Study in UK is a leading online marketplace in India. It offers a wide range of products and services, including clothing, electronics, and home appliances.

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0/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

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.: U45300GJ1997PLC032696

Works Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)

Phones: (02646) 253135, 225228 - Fax : (02646) 222849 - E-mail : panjwanla@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 <i>Annexure :4 (a)</i>)</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 <i>Annexure:4(b)</i>)</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 in 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 <i>Annexure :5</i></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 <i>Annexure:1</i></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

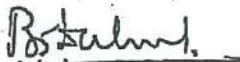
Copy of the Website page is attached as *Annexure: 9*

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)



बैंक ऑफ बड़ोदा Bank of Baroda

INDANK/ADV/2011-12

Date: 30.04.2011

M/S Bharuch Enviro Infrastructure Ltd
Plot No 117 GIDC,
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) 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 (perf/financial) | 5.00 | 5.00 |
| | Total Non Fund Based | 5.00 | 5.00 |
| | Total Exposure | 8.84 | 31.31 |

Though above mentioned facilities are sanctioned for a period of 12 months, Bank reserve the right to recall the facilities or alter the terms and conditions at any time during the currency of the facilities.

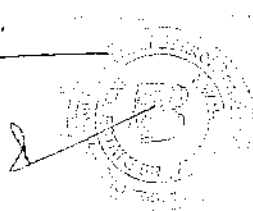
The Bank reserve the right to discontinue the facilities and to withhold/ stop disbursement without giving notice in case of non-compliance/ breach or any of the terms and conditions stipulated herein and from time to time as also in the relevant documents and if the information/particulars furnished 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 likely to 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 hearing from you we shall revert for documentation and other formalities.

Due date of review: 27.04.2012

Yours Faithfully,

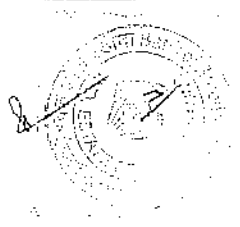
(V.V. Rao)
Chief Manager



| | |
|--|--|
| | <p>4) At each stage of disbursement, pre-disbursement inspection to be carried out any end use of the Bank's fund to be ensured.</p> <p>5) The borrower is to submit all bills, invoices & receipts and keep a 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, the matter is to be appraised to the sanctioned authority in time with remedial measures.</p> |
|--|--|

| | |
|------------------------------|---|
| 3) Nature of Facility | Demand Loan (Against Government Subsidy)- |
| Limit | Existing Rs.0.00 crores |
| | Proposed Rs.14.14 crore |
| Purpose | To fill-up the Gap of Subsidy (equity) 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 rests (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 receivable from Govt. Door to door tenor is 24Months. |
| Security / Documents | <p>1) D. P. Note executed by Company, under common seal supported by requisite Board Resolution. (LDOC 14)</p> <p>2) Exclusive 1st charge on Immovable and Movable assets of the company</p> <p>3) Letter of Instalment with acceleration clause. (LDOC 15)</p> <p>4) Composite undertaking. (LDOC 134, 135 & 136)</p> |

| | |
|------------------------------|---|
| 4) Nature of Facility | Performance/ Financial Inland Bank Guarantee |
| Limit | Existing Rs.5.00 Crore |
| | Proposed Rs. 5.00 Crore |
| Purpose | For issuing guarantee in favour of various organization of Govt. Performance Guarantee, Advance payment Guarantee, Guarantee lieu of earnest money, Guarantee to Government Departments etc. |
| Margin | 25 % cash in the form of SDR/FDR - Financial Bank Guarantee disputed nature to be secured by 100% cash margin. |
| Commission | <p>Inland BG: Performance: 0.20% plus Service Tax per months and thereafter in completed months & part thereof, Financial: 0.25% plus Service Tax per months and thereafter in completed months & part thereof, Foreign BG: As per Bank's guidelines from time to time. The commission is to be recovered upfront for the entire validity period of BG, including claim period, if any.</p> |
| 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 60 months excluding Notice period. |
| Other Condition | The said facility 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 as regards: a) 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% margin. 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 an onerous clause or liability for payment of interest. The liability of the Bank should be clearly determined in terms of amount and time. If deemed necessary, the guarantee format will be verified from the Legal officer at Regional Office.</p> <p>4. In case of invoked BG, no further guarantee is to be issued without 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 (admeasuring 69849 sq mtrs) 7905/E TO 7905/H, 7924 TO 7927, 9407 TO 9412, 9501 TO 9506+G/6, TO 9601 TO 9604, G7+10001 TO 10003 GIDC, Ankleshwar including plant and machineries.

Composite Hypothecation Agreement executed by the company hypothecating all the current assets including movables machineries the 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 accept all terms & conditions of the sanction i.e. unconditional acceptance.
- The company is to pay all stipulated charges viz. Up-front fees, Processing charges, Documentation charges, etc.
- The Company is to submit Board Resolution for availing of fresh/increased credit facilities and execution of security documents for the sanctioned credit facilities (LDOC-75)
- The company is to submit Title Clearance Certificates from Bank's approved advocate in respect of immovable properties mentioned at Sr. No. 1 under the head 'Common Securities'. 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/extension of Equitable Mortgage. The executed documents are to be got vetted from Region Legal Department Surat. Discrepancies, if any, are to be rectified.
- All disbursement conditions specifically stipulated under the sanction of fresh/increased 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.



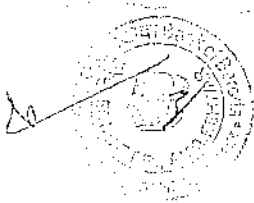
3. After creation / extension of Equitable Mortgages, the mortgaged documents are also to be got vetted from the Regional Legal Department. Discrepancies, if any, are to be rectified.
4. The sanctioned / increased credit facilities will be disbursed only after execution of stipulated security documents 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/time 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, in 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 abovementioned financial covenant will attract penal interest @1.00% p.a. for the period of default. (10% variance in above 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 in writing.
 - Implement any scheme of Expansion / Modernization / Diversification / etc. which are approved by our Bank.
 - Formulate any scheme of Merger / Acquisition / Amalgamation / Reconstitution.
 - Any Change in the management set-up / capital structure of the Company.
 - Enter in 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, NBFC, firm, company or person or otherwise dispose off any of the fixed assets.
 - Undertake guarantors obligation on behalf of any other individual, Company, firm / Companies.
 - Pay commission / brokerage / fees etc to Guarantor / or any other person for guaranteeing 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, TEV study waiver charges, documentation charges, commitment charges, ECGC 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 bi-monthly / quarterly / half yearly intervals, as per Bank's guidelines. Inspection charges for periodical 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 or if 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 insurance of various factory buildings, plant & machineries, electric installations, furniture & fixtures, vehicles, computers, equipments, stock of raw materials, work-in-progress, finished goods, residential bungalow, etc charged to and to Bank incorporating 'Bank clause'. Insurance policy should cover stocks lying at different places and should cover all risks including earthquake. The company is to cover the same as far as possible under BANCASSURANCE Scheme. Insurance policy to be submitted to the Bank.
15. Valuation Reports in respect of the Factory Land & Building, other immovables 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 Company is to submit list of machineries and other movable fixed assets once in a year to the Branch.
16. The Company is to obtain and continue to obtain / renew various licenses, permissions / sanctions etc from various Government Department from time to time and copy of the same should be given to the Bank.
17. The facilities are sanctioned for a period of -12- months. The renewal of the facilities will be subject to satisfactory conduct and performance for which the renewal papers i.e. latest audited / provisional financials, CMA, Income-tax returns, etc. should be submitted before -3- months of the due-date of the review or -6- 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 guidelines.
18. The company is to submit audited financials of the Company at the earliest (irrespective of due 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 reviewal of the facilities.
 - > Non / Delayed payment of invoked guarantee / devolved L/C.
 - > In the event of any breach / non-compliance of any major terms 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 repayable 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 prior notice. The Bank reserves the right to withdraw, modify or amend the terms & conditions of advance and Bank would not bound to disburse full amount of advance in the event of any failure on the part of the Company in satisfaction of the stipulated terms & conditions.
26. The Bank reserves the right to discontinue the credit facilities / advance / loan and/or to withhold / stop any disbursement/s without assigning any reasons, giving any notice, in case of non-compliance / breach of any of the terms & conditions stipulated therein and from time to time as also in the relevant document or any information / particulars furnished to us found to have incorrect 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 is subject to interbank credit rating (CRISIL/RAM 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 before 31st 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 of 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 B/s.



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 sources.

30. The sanction is valid for 4 months from the date of sanction.

A circular stamp, likely an official seal or signature, is located in the middle-left portion of the page. The stamp is partially obscured by a diagonal line that appears to be a signature or a mark. The text within the stamp is illegible due to the low resolution and the signature.



Annexure : 8(c)

SURTI & TALATI
CHARTERED ACCOUNTANTS
(FORMERLY K. S. SURTI & CO.)

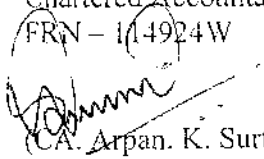
CERTIFICATE

We have verified the relevant records and project report as shown to us by **Bharuch Enviro 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 Laes) |
|---------|--|----------------------|
| 1. | Own Fund (Internal Accruals) | 1,136.25 |
| 2. | Subsidy (State and Central Government) | 2,272.50 |
| 3. | Bank Loan | 1,136.25 |
| | Total Projected Source of Fund | 4,545.00 |

This certificate is issued at the request of the company to submit the same with Ministry of Environment and Forests (MOEF), Regional office, Bhopal.

For, Surti & Talati
Chartered Accountants
FRN - 114924W

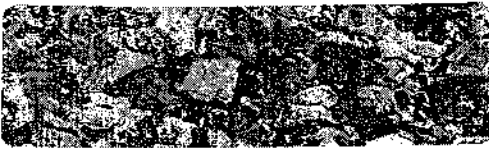

(CA. Arpan. K. Surti)
Partner

Membership No. 125730
Ankleshwar dated 18th 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, industrial estates, commercial, industrial and residential customers across the country



Deploying cutting-edge technology to meet today's ever increasing environmental concerns, Tatva's range of services includes collection, treatment, recycling & disposal of regular and hazardous solid waste; handling, recycling & disposal of waste water; sewage treatment; planning & management of water supply to homes & industries as well as the production of valuable energy from waste.



Tatva's major operations are conducted by a number of subsidiary companies spread across India. The various projects and initiatives pursued by Tatva and its group companies have helped to reduce environmental pollution in many parts of the country considerably.



Managed by a group of highly qualified business professionals and technocrats, Tatva is a pioneer in the Indian waste management space with many 'firsts' to its credit and aims to be a leading global environmental services Company in the years to come.

Environmental Compliance

Compliance to Condition of Environmental Clearance (January 2014 to June - 2014)

C. C. & A Order No. AWH-50809 date of issued date 29.10.2012 & Valid upto 31.07.2017

Tatva Logo

See the thought behind our logo.



[Know more](#)

Group Companies

Learn more about Tatva's subsidiary companies that handle a variety of operations & oversee several key projects.



[Know more](#)

Milestones

Our story unfolds in laurels like the Supratosa Safety Award, recognized by Baroda Port Trust Council.



[Know more](#)



BEIL INFRASTRUCTURE LTD.

ANALYTICAL RESEARCH LABORATORY

Phase - I Monitoring of Gas Vent Provided in SLF

Annexure - V Page 1/3

| Sr. No. | Location | VOC | | | H ₂ S | | |
|---------|----------|----------------|-----------|-----------|------------------|-----------|-----------|
| | | Results in ppm | | | Results in ppm | | |
| | | 09-JUL-22 | 06-AUG-22 | 10-SEP-22 | 09-JUL-22 | 06-AUG-22 | 10-SEP-22 |
| 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 | 0.1 | BDL | 0.1 | 0.1 | BDL | BDL |
| 5 | VENT -05 | 0.1 | BDL | BDL | BDL | 0.1 | BDL |
| 6 | VENT -06 | BDL | BDL | BDL | BDL | BDL | BDL |
| 7 | VENT -07 | BDL | BDL | BDL | BDL | BDL | BDL |
| 8 | VENT -08 | BDL | BDL | BDL | BDL | BDL | 0.1 |
| 9 | VENT -09 | BDL | 0.1 | BDL | BDL | BDL | BDL |
| 10 | VENT -10 | BDL | BDL | BDL | BDL | BDL | BDL |
| 11 | VENT -11 | BDL | BDL | BDL | 0.1 | BDL | BDL |
| 12 | VENT -12 | BDL | BDL | 0.1 | BDL | BDL | BDL |
| 13 | VENT -13 | BDL | BDL | BDL | BDL | BDL | BDL |

Mr. Ajay Patel
(Executive -QA)

FOR BEIL INFRASTRUCTURE LTD.

AUTHORIZED SIGNATORY
Mr. SATHISHKUMAR GADDAM



BEIL INFRASTRUCTURE LTD.

ANALYTICAL RESEARCH LABORATORY

Phase - II Monitoring of Gas Vent Provided in SLF

Annexure - V Page 2/3

| Sr. No. | Location | VOC | | | H ₂ S | | |
|---------|----------|----------------|-----------|-----------|------------------|-----------|-----------|
| | | Results in ppb | | | Results in ppm | | |
| | | 09-JUL-22 | 06-AUG-22 | 10-SEP-22 | 09-JUL-22 | 06-AUG-22 | 10-SEP-22 |
| 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 | 0.1 | BDL | BDL | BDL |
| 6 | VENT -06 | BDL | BDL | BDL | BDL | BDL | BDL |
| 7 | VENT -07 | BDL | BDL | BDL | BDL | BDL | 0.1 |
| 8 | VENT -08 | BDL | BDL | BDL | BDL | BDL | BDL |
| 9 | VENT -09 | BDL | 0.1 | 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 | 0.1 | BDL | 0.1 | BDL | BDL | BDL |
| 13 | VENT -13 | BDL | 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 | 0.1 |
| 17 | VENT -17 | BDL | BDL | 0.1 | 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 | 0.1 | 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 | 0.1 | 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 | 0.1 | BDL |
| 29 | VENT -29 | BDL | BDL | 0.1 | 0.1 | BDL | BDL |
| 30 | VENT -30 | BDL | 0.1 | BDL | BDL | BDL | 0.1 |
| 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 | 0.1 |
| 35 | VENT -35 | BDL | BDL | 0.1 | 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 | 0.1 | BDL | BDL | BDL | BDL |
| 39 | VENT -39 | BDL | BDL | BDL | BDL | BDL | BDL |



BEIL INFRASTRUCTURE LTD.

ANALYTICAL RESEARCH LABORATORY

Phase – II Monitoring of Gas Vent Provided in SLF

Annexure - V Page 1/3

| Sr. No. | Location | VOC | | | H ₂ S | | |
|---------|----------|----------------|-----------|-----------|------------------|-----------|-----------|
| | | Results in ppm | | | Results in ppm | | |
| | | 09-JUL-22 | 06-AUG-22 | 10-SEP-22 | 09-JUL-22 | 06-AUG-22 | 10-SEP-22 |
| 40 | VENT -40 | BDL | BDL | BDL | BDL | BDL | |
| 41 | VENT -41 | BDL | BDL | BDL | BDL | BDL | |
| 42 | VENT -42 | BDL | BDL | BDL | BDL | BDL | |
| 43 | VENT -43 | 0.1 | BDL | 0.1 | 0.1 | BDL | |
| 44 | VENT -44 | 0.1 | BDL | BDL | BDL | 0.1 | |
| 45 | VENT -45 | BDL | BDL | BDL | BDL | BDL | |
| 46 | VENT -46 | BDL | BDL | BDL | BDL | BDL | |
| 47 | VENT -47 | BDL | BDL | BDL | BDL | BDL | |
| 48 | VENT -48 | BDL | BDL | BDL | BDL | BDL | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |


Mr. Ajay Patel
(Executive -QA)

FOR BEIL INFRASTRUCTURE LTD.


AUTHORIZED SIGNATORY
Mr. SATHISHKUMAR GADDAM



BEIL INFRASTRUCTURE LTD.

ANALYTICAL RESEARCH LABORATORY

Phase - III Monitoring of Gas Vent Provided in SLF

Annexure - V Page 3/3

| Sr. No. | Location | VOC | | | H ₂ S | | |
|---------|----------|----------------|-----------|-----------|------------------|-----------|-----------|
| | | Results in ppb | | | Results in ppm | | |
| | | 09-JUL-22 | 06-AUG-22 | 10-SEP-22 | 09-JUL-22 | 06-AUG-22 | 10-SEP-22 |
| 1 | VENT -1 | BDL | BDL | BDL | BDL | BDL | |

FOR BEIL INFRASTRUCTURE LTD.

Mr. Ajay Patel
(Executive -QA)

AUTHORIZED SIGNATORY
Mr. SATHISHKUMAR GADDAM



(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:

1. Mr. K.C. Mistry, Sr. Environment Scientist
Gujarat Pollution Control Board
Paryavaran Bhavan,
Sector-10, Gandhinagar.



BEIL INFRASTRUCTURE LIMITED
(formerly known as Bharuch Enviro Infrastructure Limited)

Ref: BEIL/ANK/2022-23/25

Date: 07.06.2022
PCB ID # 14983

To,
The Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan
Sector -- 10 / A,
Gandhinagar -- 382 010

08/06/2022
Gujarat Pollution Control Board
Head Office
Sector No. 10-A,
Gandhinagar-382010

Dear Sir,

Sub: - Environmental Statement for the year 2021- 2022

We are forwarding herewith Environmental Statement for our TSDF Facility (Common Secured Landfill Facility, Common Incinerator Facility & Multi Effect Evaporator Facility) situated at BEIL INFRASTRUCTURE LIMITED, Plot No. 9701-9716, G.I.D.C. Estate, Ankleshwar -- 393 002, Dist. Bharuch, for the year 2021-2022.

We got CCA renewal vide order no. AWH-89137 on date 02.11.2017 and is valid up to 31.07.2022.

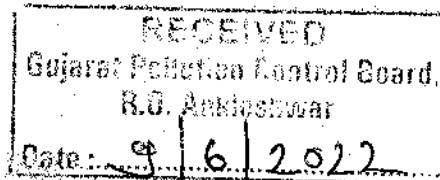
We hope that the above is in order.

Thanking you.

Yours faithfully,
For: **BEIL Infrastructure Limited**

Mr. B. D. Dalwadi
(Chief Executive Officer)

Encl : a/a
CC : The Regional Officer
Gujarat Pollution Control Board
Ankleshwar





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,

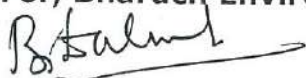
With Reference to the aforesaid Environmental Clearance F. No. 10-10/2014-IA-III dated 1st August, 2017, which we have received on 08-August-2017 for enhancement of capacity change in configuration of the incinerator installed at Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) 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
 Ankleshwar

16/8/17

CIN No.: U45300GJ1997PLC032696

Works Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)

Phones (02646) 253135, 225228 • Fax : (02646) 222849 • E-mail : panjwanla@uniphos.com

Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002, Dist.: Bharuch. (Gujarat)

RG040138339TH IVR:8271040138339

RL ANKLESHWAR IE SO <393002>

Counter No:1.23/11/2020.13:30

To:THE ADDI PRIN,BHOPAL

PIN:462016. R.S.Nagar S.O

From:BEIL INFRASTRUCTURE ,GIDC

Wt:60gms

Amt:25.00(Cash)

Track on www.indiapost.gov.in

<Dial 18002666868> <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,
B.O. Ankleshwar
19-11-2020

સામાજિક પ્રવૃત્તિઓ સાથે સંકળાયેલાં સેવક બાપુએ છેલ્લાં 47 વર્ષથી જૂના સિક્કાઓ એકત્ર કરવાનો શોખ ધરાવે છે. તેમના પિતા જે તે સમયે લોકોને વિદેશ મોકલવાનું કામ કરતાં હતા. તે સમયે અન્ય દેશમાં જઈને આવતાં તેમના પરિચીતો તેમના માટે જે તે દેશના જૂના સિક્કા-બેટ સોગાદો લાવતાં હતાં. તેમના પિતાએ જે તે વખતે જૂના સિક્કા નોટો સંગ્રહ

કરવાની શરૂઆત કરી હતી. જે બાદ તેમને જોઈને 7 વર્ષની ઉંમરથી જ ઝાહીદ રસીદ સેવક ઉર્ફે સેવક બાપુને પણ સિક્કા, પોસ્ટલ ટીકિટ તેમજ એન્ટીક વસ્તુઓ એકત્ર કરવાનો શોખ શરૂ થયો હતો. આજે તેમની પાસે સેંકડોની

લાખોમાં ઓકવામાં આવી રહી છે. કરોડોની કિંમતના સિક્કાઓના સંગ્રહ કર્યો હોવા છતાં હવે તેઓ તેને નિલામ કરવાનું વિચારી રહ્યાં છે. તેઓએ જણાવ્યું હતું કે, ઈંગ્લેન્ડ સહિતના મુલકમાં થતી ઓક્શનની પ્રક્રિયામાં જોડાઈ તેઓ તેમના કિંમતી સિક્કાઓની નિલામી કરવાની ઈચ્છા ધરાવી રહ્યાં છે. નિલામીમાંથી મળનારી રકમથી તેઓ હોસ્પિટલ શરૂ કરવા માંગે છે.

સમાજ દ્વારા વિષ્ણુ સહસ્ત્ર યજ્ઞ કરાયો



રાજપીપલા | કોરોના મહામારીના સમયમાં સ્વર્ગવાસ થયેલાની આત્માની શાંતિ માટે યોજવામાં આવેલ વિષ્ણુ સહસ્ત્ર નામ પાઠ તથા સ્વાહાકાર યજ્ઞ કરવામાં આવ્યો હતો. જેમાં નર્મદા જિલ્લા ના રાજપીપલા શહેર માં કોરોના મહામારી આજે પણ ગઈ નથી અને હાલ નર્મદા જિલ્લા માં 1128 કેસ કોરોના ના થયા છે. અને શહેરમાં કોરોના ના મૃત્યુ ઓંક માત્ર કાછીયાવાડ માં 30 જેટલા વ્યક્તિ ઓન મોત થયા છે. ત્યારે કોરોના કેસમાં વધારો ન થાય માટે રાજપીપલા કાછીયાવાડ વિસ્તારમાં આવેલ લક્ષ્મીનારાયણ મંદિરમાં નવરાત્રી દરમ્યાન માની પૂજા કરવામાં આવી એ પહેલા કોરોના મહામારી ના સમયમાં રાજપીપલા 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 પાઠનો દસાન્સ 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 આહુતિ આપવામાં આવી હતી. સમાજમાં આ

ક્રમ સમગ્ર કાર્યક્રમનું આયોજન કાછીયાપટેલ જ્ઞાતિ સમાજ દ્વારા કરવામાં ચેરમેન ભુપિન કાછીયા 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 નહેરુ યુવા કેન્દ્રના સહયોગથી પ્રોજેક્ટ શક્તિ વંદના અંતર્ગત પાલિકામાં મહિલા સફાઈ કર્મચારીને સન્માનિત કરવામાં આવ્યા હતા. જ્યારે પાલિકા પ્રમુખ સુરભી તમાકુવાલા અને મહિલા સેનેટરી ઈન્સપેક્ટરને પણ સન્માનિત કરવામાં આવ્યા હતા. આ પ્રસંગે સેનેટરી ચેરમેન સતીશ મિસ્ત્રી, રોટરેક્ટ ચેરમેન દિવ્યજીતસિંહ ઝાલા, પ્રમુખ જૈમિન વ્યાસ, ક્ષત્રિવ નવીન નહારીયા, નેલસન સુતરીયા અને પૂર્વ પ્રમુખ પૂજા વિભાડીકે હાજર રહ્યાં હતા.

ભરૂચના વોર્ડ નં.11 માં પે & યુઝ શૌચાલય રીનોવેશન કર્યા બાદ ખુલ્લું મુકવામાં આવ્યું



ભરૂચ | ભરૂચ નગર સેવાસદન ગુજરાત મ્યુનિસિપલ કાર્પોરેશન બોર્ડ નિર્મિત વોર્ડ નં 11 કોઠી વિસ્તારમાં આવેલા પે એન્ડ યુઝ 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 સુથારવાલા અને મુખ્ય અધિકારી સંજય સોની હાજર રહ્યાં હતા.

ગાંધી સ્તંભ
(પર્ચાઈવરણીય મંજૂરી)

આ સાથે જણાવવામાં આવે છે કે, મિનિસ્ટ્રિ ઓફ એન્વાયરોમેન્ટ, હોરેસ્ટ એન્ડ ક્લાઈમેટ ચેન્જ (1A, III section) ઈન્ટિરા પર્ચાઈવરણ ભવન, ગેર બાગ રોડ, નવી દિલ્હી-3 દ્વારા ભરૂચ એન્વાયરો ઈન્ફ્રાસ્ટ્રક્ચર સિમીટેડ, પ્લોટ નં. ૯૭૦૧-૧૬, ૯૬૦૧-૯૬૦૪, ૯૮૦૧-૯૮૨૮, ૯૯૦૧-૯૯૦૬, ૧૦૦૦૧-૧૦૦૦૩, ૭ ૭/૮, ૭૯૨૪-૭૯૨૭, ૯૪૦૧-૯૪૧૨, ૯૫૦૧-૯૫૦૬, ૭૯૦૫ થી ઈ થી એચ નજીકનું (adjoining) જી.આઈ.ડી.સી. ઈન્ડસ્ટ્રીયલ એસ્ટેટ, અંકલેસ્પર-૩૯૩૦૦૨ (ગુજરાત) ખાતે ઠાલના ફેસ-IV લેન્ડફીલ સુવિધાનું વિસ્તૃતિકરણ કરવા માટેની પર્ચાઈવરણીય મંજૂરી ક્રમાંક નં. F.NO. 10-25/2019-IA-III તા. ૧૫-૧૦-૨૦ દ્વારા ઈ.આઈ.એ. નોટીફિકેશન તા. ૧૪ સપ્ટેમ્બર ૨૦૦૬ જોગવાઈ હેઠળ આપેલ છે. જે અમને તા. ૧૬-૧૦-૨૦ના રોજ વેબસાઈટ દ્વારા મળેલ છે.

કલીયરન્સ પત્રની નકલ ગુજરાત પોલ્યુશન કન્ટ્રોલ બોર્ડની વેબસાઈટ ઉપર ઉપલબ્ધ છે.

બી.ડી.દલવાડી
(ચીફ એક્ઝીક્યુટીવ ઓફીસર)

તા. ૧૭-૧૦-૨૦૨૦

નાયબ કલેક્ટર અને સબડીવીઝનલ મેજસ્ટ્રેટની કચેરી અંકલેસ્પર

તાલુકા સેવાસદન અંકલેસ્પર (પ્રથમ માળ) જુના નેશનલ હાઇવે નં. ૮, રેશન શેડ, અંકલેસ્પર-૦૧, રોડ (કેડસ) નં. ૦૨૬૪૨-૨૨૭૪૮ E-mail ID : sdm-ank-bha@gujarat.gov.in

ક્રમાંક: એમએચ/૧૧-મરણ અપીલ નં. ૧૨૩/૨૦૨૦/૫૫૧/૨૬૫૧ થી ૨૬૫૨ તારીખ: ૫/૧૦/૨૦૨૦

અરજદારશ્રી: અણેશભાઈ ભીખાભાઈ પટેલ, રહે. ઘંતુરીયા, તા. અંકલેસ્પર, જી. ભરૂચ

વિરુદ્ધ

સામાયણ : ત.ક. મંત્રી ઘંતુરીયા, તા. અંકલેસ્પર, જી. ભરૂચ.

વિષય : ૧૧-મરણ અપીલનં. ૧૯૬૯ ની કલમ-૧૩(૩) મુજબ ૧૧-મરણની નોંધણી કરાવવા પ્રાપ્તની અપીલ આથી ગાંધી જન્મજયોતી તેમજ લાગતા વળગતા હિત ધરાવતા તમામ ઈસમોને આ ગાંધી નોટીસથી જાણ કરવામાં આવે છે કે, ઉપરોક્ત વિષયના અરદારશ્રી અણેશભાઈ ભીખાભાઈ પટેલ, રહે. ઘંતુરીયા, તા. અંકલેસ્પર, જી. ભરૂચ તેઓના માતા સોમીબેન ભીખાભાઈ પટેલ નું મરણ તા. ૩૦-૦૧-૨૦૦૫ ના રોજ મુ. ઘંતુરીયા, તા. અંકલેસ્પર, જી. ભરૂચ મુકામે થયેલ. પરંતુ જે તે સમય દરમ્યાન ઘંતુરીયા ગામે મરણ રજીસ્ટરમાં તેની નોંધ થયેલ નથી તેવું અમારી સમક્ષ ગાંધી કમિશનર તેઓના મરણની નોંધ સામાયણના મરણ રજીસ્ટર નોંધણી કરાવવા સારૂ અનેની કોર્ટમાં અરજ દાખલ કરેલ છે.

વાસ્તે સહરૂં અરજદારની અરજ સામે જે કોઈ લાગતા વળગતા ઈસમોને વાંધે તકરાર હોય તો તેમણે અત્રેની કોર્ટમાં નોટીસ પ્રક્રિયા થયેથી દિન-૧૫ માં લેખિતમાં પોતાના વાંધા તકરાર રજૂ કરવા. જો તેમ કરવામાં કસૂર કરશે તો આ કોર્ટ સદર અરજ અને કાચદેસરની આગળની કાચવાહી કરશે. જેની નોંધ લેશે.

આજ રોજ તા. ૫મી ઓક્ટોબર-૨૦૨૦ ના રોજ મારી સહી તથા કોર્ટનો સિક્કો કરીને આપ્યો.

(આર.કે.ભગોરા) સબ ડીવીઝનલ મેજસ્ટ્રેટ, અંકલેસ્પર

Over Bridge in lieu of Level Crossing of
Italva Sisodra Road K.M. 0/0 to 7/6 from the
of the Act.

| SCHEDULE | |
|---|---|
| PLUKA- Jalalpore | Village: Eru |
| Acquired Land | Purpose |
| 10-35 | Construction of Railway Over Bridge in lieu of Level Crossing of LC. No. 124 C at Railway Km 234/4 - 6 on Eru Italva Sisodra Road K.M. 0/0 to 7/6 for purpose of Private land acquisition |
| 0-01-43 | |
| Name of Governor of Gujarat. 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), Indira 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, 7924-7927, 9401-9412, 9501-9506, 7905 E to adjoining, GIDC Ankleshwar-393002 (Gujarat) vide letter No. P. 10-25/2019-IA-III dated 15/10/20 under the provision of Notification dated 14th September 2006, which we have given on 16/10/20 through website. Copies of Clearance letter are available on Our Website. Dt: 17/10/2020

B D Dalwadi
(CHIEF EXECUTIVE OFFICER)

PUBLIC NOTICE

Resigned **VINODCHANDRA TRIKAMLAL PATEL** Residence : 27, Bungalow, Opp. Surdhara Society, Dolphin Circle, At : Naroda, Vadod. 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 member's has filed Civil suit Number : 100 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 theat **Vipor Chemicals Pvt. Ltd.** 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

Undersigned the owner and in possession of the schedule property and I have decided to sell the schedule property for which I want to carry out investigation of the title deed of the said property. By this public notice I call upon that all persons having and claiming any estate, right, interest or demand whatsoever to or in respect the said property, whether by way of sale, lease, sub lease, charge, lien, tenancy, sub-tenancy, license, gift, inheritance, mortgage, 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 claim 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

Plot No. 71 and parcel of the Immovable Residential Property being Plot No 71 in Shri Kunj Co. Op. Society Ltd lying on C.S. No. 447 of Moje Vadodara Kasba in Registration District Vadodara.

| Plot No. | Admeasuring SqMetres | Name of The Owner |
|----------|--|---------------------|
| 71 | 894 as per record of the Society/ 864.5 as per previous Sale Dead No 8621 Dt. 10.12.2012 | Shahani Badal Kumar |

302, A-Square, 82, Urmi Society,
Productivity Road, Vadodara.-390011
M: 9825321122

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 web site 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





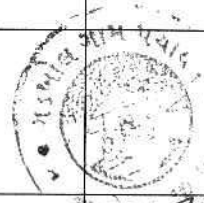
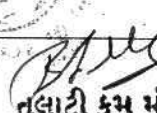
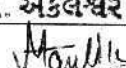
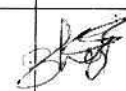
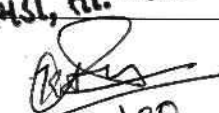
LIFE INSURANCE CORPORATION OF INDIA
Vadodara Divisional Office, Estate Department, 2nd Floor,
"Jeevan Prakash", Nr. Samta Police Chowky,
Subhanpura, Vadodara - 390023.
Tel: 0265-2306761, e-mail : estate.vadodara@licindia.com

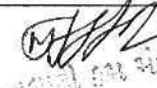




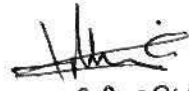
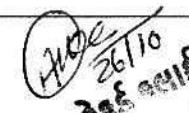
Tender Notice

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

Environment Clearance of Proposed Expansion of Landfill (Phase IV) – BEIL Ankleshwar

| Sr. No. | Address | Sign |
|---------|--|---|
| 1 | Taluka Panchayat Office Ankleshwar |  28/10/20 |
| 2 | Jilla Panchayat Office, Bharuch |  26/10/2020 |
| 3 | Taluka Panchayat Office, Jhagadia | પ્રમુખ ૩/૧૧/૨૦૨૦ સ્વામીની કારકુન તાલુકા પંચાયત કચેરી, જગડીયા |
| 4 | The Sarpanch Gram Panchayat - Gadkhol |  કે.એલ.શાંખડ કેમુ.ઓપરેટર VEC ૨૬/૧૧/૨૦૨૦ શાંખડ |
| 5 | The Sarpanch Gram Panchayat - Dadhal |  તલાટી કમ મંત્રી ગામ પંચાયત દાદાલ તાલુકા. અંકલેશ્વર |
| 6 | The Sarpanch Gram Panchayat – Piraman, Piraman, Ankleshwar |  તલાટી કમ મંત્રી પીરામણ ગામ પંચાયત |
| 7 | The Sarpanch Gram Panchayat – Kosamdi |  ૦૨/૧૧/૨૦૨૦ તલાટી કમ મંત્રી કોસમડી, તા. અંકલેશ્વર. |
| 8 | The Sarpanch Gram Panchayat – Kapodara |  ૨૧/૧૧/૨૦ |

| | | |
|----|---|---|
| 9 | The Sarpanch Gram Panchayat – Bhadkodara |  તલાલી કમ મંત્રી ગ્રામ પંચાયત, ભાદકોદરા તા. અંકલેશ્વર, જિ. ભરૂચ |
| 10 | The Sarpanch Gram Panchayat – Andada |  તલાલી કમ મંત્રી ગ્રામ પંચાયત અંદાડા તા. અંકલેશ્વર, જિ. ભરૂચ |
| 11 | The Sarpanch Gram Panchayat – Jitali |  તલાલી કમ મંત્રી ગ્રામ પંચાયત જિતાલી તા. અંકલેશ્વર, જિ. ભરૂચ |
| 12 | The Sarpanch Gram Panchayat – Sarangpur |  તલાલી કમ મંત્રી સારંગપુર ગ્રામ પંચાયત |
| 13 | Mr. Yogesh P. Pandya Safety Health and Environment Association |  ૨૨૭૨૭૨ |
| 14 | Mr. Jayesh Patel Centre For Environment science and community, | |
| 15 | Manish Rana, Paryavaran Mitra |  ૯૯૦૯૫૦૨૧૪૧ |
| 16 | Ankleshwar Nagar Palika |  26/10 ૨૬/૧૦/૨૦૧૬ અંકલેશ્વર નગર પાલિકા સંચાલક |

| | | |
|----|---|--|
| 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>29/10/2020</p> <p>Date: 29/10/2020</p> <p>Notified Area Office</p> <p>Panoli</p> |
| 19 | Notified Area Office, Jhagadia | <p>NOTIFIED AREA RECEIVED</p> <p>DI. 03/11/2020</p> <p>Principal</p> <p>SHREE GATTU VIDYALAYA</p> <p>G.I.D.C. ANKLESHWAR</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. 28/10/2020</p> <p>DATE: 29/10/2020</p> |
| 22 | The principle, P.S School, Jitali | <p>SIGNATURE: S.K. THAKUR</p> <p>28.10.2020</p> |
| 23 | The Principal Shree Gattu Vidyalaya, Ankleshwar | <p>PRINCIPAL</p> <p>SHREE GATTU VIDYALAYA</p> <p>G.I.D.C. ANKLESHWAR</p> |
| 24 | The Principle, Smt Puspavati Devidas Shroff Sanskardeep Vidhyalaya Ankleshwar | <p>PRINCIPAL</p> <p>SMT. PUSPAVATI DEVIDAS SHROFF</p> <p>SANSKARDEEP VIDYALAYA</p> <p>G.I.D.C. ANKLESHWAR</p> |

| | | |
|----|---|---|
| 25 | The Principle, Pioneer School, jitali | |
| 26 | The Principal Lions International Academy, Ankleshwar | 218M1021111 |
| 27 | The Principal Lion School Ankleshwar | P. K. Kulkarni 8870 AF12 96 |
| 28 | The Principle Chanderbala Modi Academy, Ankleshwar | for R. K. Kulkarni Chanderbala Modi Academy, Kanch, Vaha Road, Ankleshwar-393002 |
| 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. BEIL INFRASTRUCTURE LTD. Site : Plot No.9701-9716, G.I.D.C. Estate, Ankleshwar -393 002, Dist. Bharuch. |
| 32 | Administration Office, ESIC Hospital | <i>Mi</i> 29/10/2020 |

| | | |
|----|----------------------------|---|
| 33 | Smt. Jayaben Modi Hospital | Dr. DARSHANA P. JOSHI MBBS, CIH, C-20216 INDUSTRIAL PHYSICIAN Smt. Jayaben Mody Hospital GIDC, Ankleshwar. |
|----|----------------------------|---|