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

Ref.: BEIL/ANK/2023-24/30

Date: 29.06.23

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 October 2022 – March 2023.

- 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.10-10/2014-1A.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 01.10.2022 to 31.03.23)	1,38,127.345 MT
Cumulative quantity disposed in landfill from the beginning (up to 31.03.23)	39,80,980.889MT

Incinerable waste details are as follows:

Incinerable Waste Receipt	Incinerated
During 01.10.2022 to 31.03.23: 40,107.121MT	During 01.10.2022 to 31.03.23: 6675.974 MT
Cumulative Up to 31.03.23 : 447209.233MT	Cumulative Up to 31.03.23 : 308476.730 MT



Pre-processing details are as follows:

Pre-processed (During 01.10.2022 to 31.03.23)	33425.599 MT
Cumulative quantity of waste sends for Pre-processing from beginning to 31.03.23	135060.062 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, Rajasthan (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).

Proposed in CC&A renewal application (industry to be added): (13) M/s Dalmia cement Bharat Limited, Sundargarh (odisha), (14) M/s Dalmia cement Bharat Limited, Chikkodi (karnataka), (15) M/s Dalmia cement Bharat Limited, Chandrapur (Maharashtra), (16) M/s Prism Johson Limited, Rampur Baghelan, Unit – 1 and Unit – 2. (M.P), (17) M/s Shree Cement Limited, Beawar (Rajasthan). (18) M/s. Sanghi Industries Ltd (19) M/s Shriram Cement Limited- Kota (20) M/s Nuvoco Vistas Coporation Ltd UDB Tower, A-1 4th Floor, JLN Marg, Jaipur Tehsil: Jaipur District: Jaipur (21) M/s NU Vista Limited Village - Risda, Suhela Road, Balodabazar, District – Balodabazar-Bhatapara (C.G.) (22) M/s Nirma Limited, Village , Digrana Dungarnagar Kharadi Nimol Tehsil:Jaitaran District:Pali Rajasthan.

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

**FW: EC Compliance for the period of Oct'22 to March'23 of BEIL Infrastructure Ltd.-
Ankleshwar-9701 – 393002**

Chirangini Shukla <chirangini.shukla@beil.co.in>

Fri 30-Jun-23 12:10 PM

To: Krishna Ichhapuria/Environment/Ankleshwar <environmentankl@beil.co.in>

📎 1 attachments (10 MB)

0.EC Compliance for the period of Oct'22 to March'23 of BEIL Infrastructure Ltd.-Ankleshwar.pdf;

Regards,
Chirangini Shukla
Executive Assistant to CEO
M - 6359572252 ** Ext- 104



BEIL Infrastructure Ltd
(Formerly known as Bharuch Enviro Infrastructure Ltd)

From: Mr. BHUPENDRA DALWADI (CEO – BEIL)**Sent:** 29 June 2023 04:29 PM**To:** iro.gandhingr-mefcc@gov.in; Saket Kumar <ec-rdw.cpcb@gov.in>**Cc:** Rakshita Vyas/Environment/Ankleshwar <rakshita.vyas@beil.co.in>; environmentankl@beil.co.in**Subject:** EC Compliance for the period of Oct'22 to March'23 of BEIL Infrastructure Ltd.-Ankleshwar-9701 – 393002

Dear sir,

Please find the EC compliance report for the period of Oct'22 to March'23 of BEIL Infrastructure Ltd.-
Ankleshwar.

Regards

Bhupendra Dalwadi
(Chief Executive Officer)

BEIL Infrastructure Ltd.,

Plot No 9701-16,
GIDC Industrial Estate,
GIDC,

Ankleshwar – 393002

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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 6943.98 MT during the Oct'22 to March'23; the salt from Multiple Effect Evaporation system 6168.24 MT during the Oct'22 to March'23.</p>

4	The proposal falls under the category 'A', 7(d) of Environmental Impact Assessment Notification 2006 and was considered by Expert committee at its meeting held on 21 st & 22 nd June, 2007 and 23 rd , 24 th & 25 th January, 2008 and has recommended. Accordingly, the clearance is here by accorded under Environment Impact.	Noted.
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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 confirm to the provisions of hazardous waste (management and handling) rules 2003 and its amendments from time to time. Now, we have fulfilled all the provisions of hazardous waste and other waste (management and Transboundary movement) rules 2016, compliance is attached as Annexure-1 .
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 761 members for Landfill and 893 members for Incinerator. In support of this we are submitting returns to GPCB.
4	Forced evaporation shall be provided to treat the effluent/leachate generated from the landfill.	Complied. We have installed Multiple Effect Evaporator to treat the effluent/leachate generated from the landfill. Effluent / Leachate generated from the landfill is evaporated and generated condensate is sent to M/s. Enviro Technology Limited, Ankleshwar (CETP) for further treatment. Also, whenever MEE is under maintenance, Leachate/ Effluent is sent to CETP. For the period Oct'22 to March'23: 11066 KL leachate treated in MEE plant. During this period we have not send effluent or leachate to ETL.

5	<p>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>	<p>Complied. 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. The relevant compliance of hazardous waste and other waste (management and Transboundary movement) rules 2016 are attached as Annexure 1.</p>
6	<p>No ground water shall be tapped for project.</p>	<p>Complied. Water is being provided by GIDC for process purpose but when there is shortage of water, we use borewell water to meet requirement. As per EC F. 10-10/2014-IA-III dated 31.12.15 specific condition point (X) we have received NOC No. CGWA/NOC/IND/ORIG/2021/10974 dated 10.02.21 from CGWA to utilize ground water.</p>
7	<p>The project proponent shall monitor the ambient air quality, groundwater and noise abutting the site as per norms laid down by CPCB.</p>	<p>Complied. For ambient air monitoring we are having 4 monitoring stations. We are carrying out internally 2 times a week ambient air monitoring, monthly ground water monitoring & monthly noise level monitoring and carrying out monitoring through third party as per norms laid down by CPCB. It may be noted that, as indicated in the results, there is no contamination of ground water. The monitoring results are attached for period Oct '22 to March'23 as Annexure 4, Annexure 5, and Annexure 6. And the average results is attached as Annexure 7.</p>
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.</p> <p>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. Once the quick test is passed, truck is allowed to enter the premises. If any truck does not meet the hazardous solid waste disposal criteria, we contact to member industry and suggest to treatment, BEIL undertake the treatment at a cost if the industry agrees otherwise, it will be returned to member industry for necessary treatment. Required arrangements for collection, treatment, and disposal vent gases from the landfill is provided.</p> <p>We are monitoring the vents provided at the closed portion of the landfill every month and the concentrations of hydrocarbons are very low.</p> <p>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.</p> <p>BEIL has prepared on site Emergency plan, and it is updated annually. Onsite emergency plan is including points like hazard identification and risk analysis, organization setup, communication system, action on site, link with offsite emergency plan, training rehearsals and record aspects, offsite effects of any emergency, the duties and functions to control any emergency etc. Mock drills are also being conducted.</p> <p>On-site Emergency Plan is submitted to DISH and the 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 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 556 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. The collected leachate is taken to the MEE system for treatment.

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

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.
We carry out ground water and soil monitoring once in a month externally in and around the site to check the contamination, the results of which are attached as **Annexure 5** and **Annexure 12**. And the average results are attached as **Annexure 7**.
Moreover, we have carried out Geo-hydrological study for TSDF facility through NPC-New Delhi. And report is submitted.

12	Adequate dust and noise separation measures should be put in place during construction of the plant.	<p>Complied.</p> <p>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.</p>
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.	<p>Complied.</p> <p>Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. Layout of green belt within the premises is attached as Annexure – 13. Additionally, we have taken a land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as Annexure-13(A).</p>
14	The groundwater, surface water and air quality should be monitored regularly to assess the leachate contamination.	<p>Complied.</p> <p>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 a month. Up- Stream and Down Stream Monitoring wells have been provided and their Monitoring is done monthly by a third party.</p> <p>An average of all the ground water monitoring results in and around the site are mentioned in Annexure 7.</p> <p>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 found non-contaminated. Any Contaminated storm water is collected and treated in MEE / sent to ETL (as per our CCA).</p> <p>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.</p>

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 Oct'22 to March'23: 11066 KL leachate treated in MEE plant. During this period we have not send any leachate to ETL. 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 / 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 Tambda: 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</p>

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 (ESCROW) is maintained for environment protection and the cumulative amount till March'23 is 1,859.51 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	43.44
		2019 - 2020	626.50	413.80
		2020 - 2021	644.07	429.82
		2021 - 2022	691.25	184.87
		2022 - 2023	1994.96	330.92

General Condition:

No.	Description	Status
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.

	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 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. Layout of green belt within the premises is attached as Annexure – 13 . Additionally, we have taken a land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as Annexure-13(A) .

(vi)	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. The water consumption is as below:</p> <table border="1" data-bbox="874 488 1485 1131"> <thead> <tr> <th>Month</th> <th>GIDC Water Consumption, (KL)</th> <th>Total Tanker/borewell Water cons (KL)</th> <th>Total water cons. (GIDC+ Tanker/BORE) (KL)</th> </tr> </thead> <tbody> <tr> <td>Oct-22</td> <td>4317</td> <td>54</td> <td>4371</td> </tr> <tr> <td>Nov-22</td> <td>3346</td> <td>0</td> <td>3346</td> </tr> <tr> <td>Dec-22</td> <td>3472</td> <td>38</td> <td>3510</td> </tr> <tr> <td>Jan-23</td> <td>2183</td> <td>1227.8</td> <td>3411</td> </tr> <tr> <td>Feb-23</td> <td>3393</td> <td>383.96</td> <td>3777</td> </tr> <tr> <td>March-23</td> <td>3702</td> <td>4</td> <td>3706</td> </tr> <tr> <td>Total</td> <td>20413</td> <td>1707.79</td> <td>22121</td> </tr> <tr> <td>Average</td> <td colspan="3">121.5 KLD</td> </tr> </tbody> </table>	Month	GIDC Water Consumption, (KL)	Total Tanker/borewell Water cons (KL)	Total water cons. (GIDC+ Tanker/BORE) (KL)	Oct-22	4317	54	4371	Nov-22	3346	0	3346	Dec-22	3472	38	3510	Jan-23	2183	1227.8	3411	Feb-23	3393	383.96	3777	March-23	3702	4	3706	Total	20413	1707.79	22121	Average	121.5 KLD		
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(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. Leachate Generation data (total leachate generation including Phase I, Phase II, phase-III and Phase IV):</p> <table border="1" data-bbox="874 1391 1485 1738"> <thead> <tr> <th>Month</th> <th>Per Day in KL</th> <th>Total in KL</th> </tr> </thead> <tbody> <tr> <td>Oct-22</td> <td rowspan="7">60.49</td> <td>1910</td> </tr> <tr> <td>Nov-22</td> <td>1755</td> </tr> <tr> <td>Dec-22</td> <td>1996</td> </tr> <tr> <td>Jan-23</td> <td>1845</td> </tr> <tr> <td>Feb-23</td> <td>1663</td> </tr> <tr> <td>March-23</td> <td>1841</td> </tr> <tr> <td>Total</td> <td>11010</td> </tr> </tbody> </table>	Month	Per Day in KL	Total in KL	Oct-22	60.49	1910	Nov-22	1755	Dec-22	1996	Jan-23	1845	Feb-23	1663	March-23	1841	Total	11010																		
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(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 is treated in MEE and the condensate is used for various activities.</p>																																				

(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.	Noted.
(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. The provided monitoring wells at upstream (6 nos.) and downstream (6 nos.) of the TSDF is use for monitoring the quality of ground water. An average of all the monitoring results of ground water results in and around the site are mentioned in Annexure-7 . All the third-party reports are attached as Annexure – 5 . Moreover, we have one borewell water to meet our requirement in shortage of GIDC water. For this 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.
(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 .

(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 233969.3 MT waste is disposed till March'23. 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 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. Layout of green belt within the premises is attached as Annexure – 13. Additionally, we have taken a land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as Annexure-13(A).</p>

(vii)	The connectivity road to the side shall be as per IRC guidelines.	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. Since the waste is treated, stabilized, and disposed, there is no Gas Generation from the Secured Landfill. Gas vents have been Provided for the Existing Sites and the same Provisions will be made for the Secured Landfill Phase-IV. We are monitoring the vent pipes of landfill internally and almost all readings we are getting BDL. The records are maintained in the laboratory. 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 planis including points like hazard identification, organization setup, communication system, action on site, link with offsite emergency plan, training rehearsals and record aspects, offsite effects of any emergency, the duties and functions to control any emergency etc. Mock drills are also being conducted. On-site Emergency Plan is submitted separately with this. The ACK copy of letter submitted to DISH is attached as Annexure-9 .

(xiii)	<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>																		
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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 is also done to check any contamination in and around the site. 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 Oct'22 to March'23: 11066 KL leachate treated in MEE plant. During this period no leachate was sent to ETL. 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.

(xviii)	The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report so also during the presentation of EAC.	Complied.			
		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:			
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		1.	Temporary storage for hazardous waste	Complied. Temporary storage of hazardous waste has been provided.	
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		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 556 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. The leachate generated is treated in MEE system.			

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. Vice president- Operations, Sr. manager – Environment, Environmental lab head, are directly reporting to Chief executive officer /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
(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 the provisions of the EPA, 1986, to ensure effective implementation of suggestions safeguard measures in a time bound and satisfactory manner.	Noted.

(iv)	In the event of a change in the implementation agency, a fresh clearance shall be obtained from the Ministry of Environment, forest and Climate Change.	Noted. (Complied. Name change had been done from Bharuch Enviro Infrastructure Ltd to BEIL Infrastructure Ltd.)															
(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 1522 2136"> <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 1522 1077">Compliance Status</th> </tr> </thead> <tbody> <tr> <td data-bbox="520 1077 683 1211">1.</td> <td data-bbox="683 1077 1023 1211">Temporary storage for hazardous waste</td> <td data-bbox="1023 1077 1522 1211">Complied. Temporary storage of hazardous waste has been provided.</td> </tr> <tr> <td data-bbox="520 1211 683 1379">2.</td> <td data-bbox="683 1211 1023 1379">Loading and unloading of waste</td> <td data-bbox="1023 1211 1522 1379">Complied. Adequate facility and equipment for unloading of waste has been provided.</td> </tr> <tr> <td data-bbox="520 1379 683 1888">3.</td> <td data-bbox="683 1379 1023 1888">Transportation of waste</td> <td data-bbox="1023 1379 1522 1888">Complied. We have ensured that the transportation of the hazardous wastes to the TSDF conforms to the norms laid down in the Hazardous and other wastes (management and transboundary Movement) Rules, 2016. Total Approved 556 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 1888 683 2136">4.</td> <td data-bbox="683 1888 1023 2136">Monitoring activity</td> <td data-bbox="1023 1888 1522 2136">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 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 conforms to the norms laid down in the Hazardous and other wastes (management and transboundary Movement) Rules, 2016. Total Approved 556 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.
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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 theRegional 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 April'22 – Sep'22 was submitted on 30.12.22.
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 2022 - 23) submitted is attached as Annexure 22.
15.	This issues with the prior approval of the Competent Authority.	Noted.


Compliance Status of Environmental Clearance EC# F.No.10-10/2014-IA.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	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.	Complied. We have given advertisement in papers SANDESH & THE TIMES OF INDIA dated 09.08.2017. 

10	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.	Complied. 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 .
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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 and complied.
(viii)	Supply source: Gujarat Electricity Board (GEB). In case of power failure, D.G. Set can be used (2 nos 975KVA capacity each)	Noted and complied.
(ix)	Project falls under Category "A" as it is an existing Integrated Common hazardous waste treatment, storage and disposal facilities (TSDFs).	Noted.
(x)	Leachate / Effluent from landfill will be treated in our Multiple Effect Evaporator (MEE) plant. Whenever MEE is not in operation, leachate will be sent to CETP of Enviro Technology Limited at Ankleshwar.	Noted and complied.
(xi)	Total 2,79,233.34 sqm land area is available at site; out of this area about 50514.29 sqm area is covered as greenbelt and other forms of greenery. Total Rs.10 Lakhs shall be spent for green development within premises.	Complied. Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. Layout of green belt within the premises is attached as Annexure – 13 . Additionally, we have taken a land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as Annexure-13(A) .

The EAC, in its meeting held on 30-31 October 2017 recommended to the amendment so as to include only the additional quantity of solid wastes handled without any other changes in the conditions of E.C. issued earlier. Based on the recommendations of EAC, the Ministry hereby accord the amendment to the EC letter F. No. 10-10/2014-IA-III dated 31.12.2015 for enhancement of capacity from 11.58 Lakhs MT to 14.58 Lakhs MT within the same disposal facility (CHWTSDF) and stipulated following additional condition:

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

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


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

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

Compliance Status of Environmental clearance for expansion of secured landfill (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

<p>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</p> <p align="right">June 17th, 2021</p> <p>To,</p> <p>Shri, B.D. Dalwadi M/s BEIL INFRASTRUCTURE LTD Plot No.9701-16, GIDC Estate, P.B.No. 82 Ankleshwar-393002 Email: dalwadibd@beil.co.in</p> <p>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.</p> <p>Sir,</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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</p> <p align="center"></p>
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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																															
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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>GIDC Water Consumption, (KL)</th> <th>Total Tanker/borewell Water cons (KL)</th> <th>Total water cons. (GIDC+ Tanker/ BORE) (KL)</th> </tr> </thead> <tbody> <tr> <td>Oct-22</td> <td>4317</td> <td>54</td> <td>4371</td> </tr> <tr> <td>Nov-22</td> <td>3346</td> <td>0</td> <td>3346</td> </tr> <tr> <td>Dec-22</td> <td>3472</td> <td>38</td> <td>3510</td> </tr> <tr> <td>Jan-23</td> <td>2183</td> <td>1227.8</td> <td>3411</td> </tr> <tr> <td>Feb-23</td> <td>3393</td> <td>383.96</td> <td>3777</td> </tr> <tr> <td>March-23</td> <td>3702</td> <td>4</td> <td>3706</td> </tr> <tr> <td>Total</td> <td>20413</td> <td>1707.79</td> <td>22121</td> </tr> <tr> <td>Average</td> <td colspan="3">121.5 KLD</td> </tr> </tbody> </table>	Month	GIDC Water Consumption, (KL)	Total Tanker/borewell Water cons (KL)	Total water cons. (GIDC+ Tanker/ BORE) (KL)	Oct-22	4317	54	4371	Nov-22	3346	0	3346	Dec-22	3472	38	3510	Jan-23	2183	1227.8	3411	Feb-23	3393	383.96	3777	March-23	3702	4	3706	Total	20413	1707.79	22121	Average	121.5 KLD		
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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.	Project requires appraisal as Category "A" as the project lies in the Critically Polluted Area, as per the MoEF&CC Office Memorandum J-11013/5/2010/1A- II (I) dated 25th November 2016. The moratorium has been lifted in Ankleshwar. Integrated TSDf is listed under Projects of activity at Sr No 7 (d) as per EIA Notification dated 14th September 2006 and its subsequent amendments.	Noted.
viii.	Leachate / Effluent from landfill will be treated in the existing Multiple Effect Evaporator (MEE) plant. Whenever MEE is not in operation, leachate will be sent to CETP of Enviro Technology Limited at Ankleshwar.	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.
	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	

4	Office (WZ), Bhopal vide letter No. 5-28/2008(ENV)/185 dated 02.03.2020 and asked the project proponent to submit additional information. Project Proponent submitted the additional information on Ministry's website on 29.07.2020. Subsequently the proposal was considered the EAC in its 54th meeting held during 27-28 August, 2020. The EAC also took note point wise reply submitted by Project Proponent towards observations of the EAC.	Noted.
5	The EAC, based on the information submitted and clarifications provided by Project Proponent and detailed discussions held on all the issues, recommended the project for grant of environmental clearance with stipulated specific conditions along with other Standard EC Conditions as specified by the Ministry vide OM dated 4th January, 2019 for the said project/activity, while considering for accord of environmental clearance.	Noted.
6	As per recommendations of EAC, the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance for the proposed expansion (implementation of Phase-IV) of existing the facility subject to the following specific and general condition.	Noted

A. Specific Conditions: -

i.	The Environmental Clearance to the project is primarily under provisions of EIA Notification, 2006. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes as applicable to the project.	Noted.																																				
ii.	All possible measures shall be adopted for odor control. Odor shall be controlled by providing proper ventilation in the site, spraying ecocar (organic and biodegradable chemical) around odor generation areas at regular intervals and by developing greenbelt with 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>GIDC Water Consumption, (KL)</th> <th>Total Tanker/borewell Water cons (KL)</th> <th>Total water cons. (GIDC+ Tanker/BORE) (KL)</th> </tr> </thead> <tbody> <tr> <td>Oct-22</td> <td>4317</td> <td>54</td> <td>4371</td> </tr> <tr> <td>Nov-22</td> <td>3346</td> <td>0</td> <td>3346</td> </tr> <tr> <td>Dec-22</td> <td>3472</td> <td>38</td> <td>3510</td> </tr> <tr> <td>Jan-23</td> <td>2183</td> <td>1227.8</td> <td>3411</td> </tr> <tr> <td>Feb-23</td> <td>3393</td> <td>383.96</td> <td>3777</td> </tr> <tr> <td>March-23</td> <td>3702</td> <td>4</td> <td>3706</td> </tr> <tr> <td>Total</td> <td>20413</td> <td>1707.79</td> <td>22121</td> </tr> <tr> <td>Average</td> <td colspan="3">121.5 KLD</td> </tr> </tbody> </table>	Month	GIDC Water Consumption, (KL)	Total Tanker/borewell Water cons (KL)	Total water cons. (GIDC+ Tanker/BORE) (KL)	Oct-22	4317	54	4371	Nov-22	3346	0	3346	Dec-22	3472	38	3510	Jan-23	2183	1227.8	3411	Feb-23	3393	383.96	3777	March-23	3702	4	3706	Total	20413	1707.79	22121	Average	121.5 KLD		
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iv.	<p>Total 396.5 KLD of wastewater will be generated from existing as well as from proposed facility form Leachate of landfill and effluent from various sources like scrubber, washings from lab, drum washing, and cooling water blow down. It shall be treated in existing Multiple Effect Evaporator (MEE) plant. CETP facility shall only be used whenever entire MEE plant is put in maintenance as per SOP.</p>	<p>Noted and complied. After Amendment, Wastewater generation is limited to 418.5 KLD and 26 KLD from domestic. Leachate Generation data (total leachate generation including Phase I, Phase II, phase-III and Phase IV):</p> <table border="1" data-bbox="853 488 1557 835"> <thead> <tr> <th>Month</th> <th>Per Day in KL</th> <th>Total in KL</th> </tr> </thead> <tbody> <tr> <td>Oct-22</td> <td>61.61</td> <td>1910</td> </tr> <tr> <td>Nov-22</td> <td>58.5</td> <td>1755</td> </tr> <tr> <td>Dec-22</td> <td>64.38</td> <td>1996</td> </tr> <tr> <td>Jan-23</td> <td>59.51</td> <td>1845</td> </tr> <tr> <td>Feb-23</td> <td>59.39</td> <td>1663</td> </tr> <tr> <td>Mar-23</td> <td>59.38</td> <td>1841</td> </tr> <tr> <td>Total</td> <td>60.46</td> <td>11010</td> </tr> </tbody> </table>	Month	Per Day in KL	Total in KL	Oct-22	61.61	1910	Nov-22	58.5	1755	Dec-22	64.38	1996	Jan-23	59.51	1845	Feb-23	59.39	1663	Mar-23	59.38	1841	Total	60.46	11010
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Mar-23	59.38	1841																								
Total	60.46	11010																								
v.	<p>As proposed total greenbelt at 36.14% (14.68% existing + 21.46% capped SLF area) of total plot areashall be maintained.</p>	<p>Complied. Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. Layout of green belt within the premises is attached as Annexure – 13. Additionally, we have taken a land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as Annexure-13(A).</p>																								
vi.	<p>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>	<p>Complied. At landfill site, during monsoon season the waste is stored in temporary storage shed and operational landfill site is covered with tarpaulin to prevent the seepage of rainwater.</p>																								
vii.	<p>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.</p>	<p>Noted and shall be complied.</p>																								

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. The trend analysis of ground water quality for Oct'22 to Match'23 is attached as Annexure-5(A) . Moreover, We have carried out trend analysis of ground water results through NPC New Delhi. Report submitted.
xii.	Ambient air quality monitoring shall be carried out in and around the landfill site at up wind and downwind locations. On-line real time continuous monitoring facilities shall be provided as per the CPCB or State Board Directions	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.	<p>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.</p>	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 from Civil Aviation Department etc. is not required as our existing site is already in notified GIDC area.

I. Air quality monitoring and preservation:		
1.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Complied. 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.

	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. We are attaching herewith a report as Annexure-6(A) .
8.	Gas generated in the Land fill should be properly collected, monitored and flared	Complied. We are monitoring the vents provided at the closed portion of the landfill every month and the concentrations of hydrocarbons are negligible.
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:		
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

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.	complied. We are treating leachate in MEE. We have received CTE (no.115466 dated 10.11.21) for ETP (MAP+ RO) capacity of 150 KLD for treatment of condensate.
6.	The Company shall review the unit operations provided for the treatment of effluents, especially thesequencing 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	complied.
III. Noise Monitoring prevention:		
1.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report	Complied. We are carrying out regular monitoring. Company is also carrying out monitoring through third party of noise level etc. as per norms laid down by CPCB.

2.	The ambient noise levels should conform to the standards prescribed under E (P) A Rules, 1986 viz. 75 dB (A) during daytime and 70 dB (A) during 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		
1.	Green belt shall be developed in an area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of the project site.	Complied. Green belt is developed in total 41076.95 sq. mt to mitigate the impacts on the overall air quality at the site. Layout of green belt within the premises is attached as Annexure – 13. Additionally, we have taken a land in the nearby village namely Sengpur. wherein we shall carry out greenbelt activities to comply with the statutory requirement. The approval letter received for forestation from village Sengpur is attached as Annexure-13(A) .
2.	Topsoil shall be separately stored and used in the development of green belt.	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 submitted to DISH 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:

1.	<p>The company shall have a well laid down environmental policy duly approved 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>
2.	<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 Tambadia: Sr. officer- Environment (BE Environment) 5. Krishna Ichhapuria: Environment officer (BE Environment) 6. Foram Patel: Environment officer (ME Environment) 7. officer (ME Environment)</p>

		<p>Corporate Environment Cell:</p> <p>1. Mr. B.D. Dalwadi - CEO -(BE – Chemical)</p> <p>2. Dr. P N Parameswaran: Advisor – Environment</p>
3.	<p>Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.</p>	<p>Complied.</p> <p>EMP Compliance is attached as Annexure – 10.</p> <p>A separate account (Escrow account) is maintained for environment protection. These funds are not diverted for any other activity. The details are submitted quarterly</p>
4.	<p>Self-environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.</p>	<p>Complied.</p> <p>Environment Audit has been done every year by third party. As per CPCB guideline, we got our facility audited through NPC, New Delhi. And report is submitted to CPCB & GPCB.</p>
IX. Miscellaneous:		
i.	<p>The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.</p>	<p>Complied.</p> <p>Advertisement Published in Times of India (English Language) and Divya Bhaskar (Gujarati Language). The Same has been informed to MoEF&CC Regional Office Bhopal, GPCP Gandhinagar and GPCB regional Office Ankleshwar vide Letter # BEIL/ANK/2020-21/47 Dated 19.11.20 and the same as attached as Annexure – 24.</p>
ii.	<p>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.</p>	<p>Complied.</p> <p>We had marked the copy of the clearance letter to all the concerned authorities. Same is attached as Annexure – 25.</p>
iii.	<p>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.</p>	<p>Noted and shall be complied.</p>

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 digital display board at front of our main entry gate which displays all required data and monitoring parameters. -
vii.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Complied. The SPCB is informed time to time about the status of project.
viii.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted.
ix.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and 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.

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>

<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: - 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>	<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: - Offsite Treatment - Onsite Treatment - Recirculation</p>	<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: - Controlled passive venting - Controlled collection and treatment</p>	<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: - Site Entrance and Fencing. - Administrative and Site Control Offices - Access Roads - Waste Inspection and Sampling Facility. - Equipment Workshops and Garages.</p>	<p>Complied. All the facilities like site entrance and fencing, administration, site control offices, access roads, waste inspection, sampling facility,</p>

	<ul style="list-style-type: none"> - Signs and Directions - Water Supply - Lighting - Vehicle Cleaning Facility - Fire Fighting Equipment 	water supply, lightings, vehicle cleaning facility, firefighting equipment, signs and directions etc., have been provided.
	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>

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 °C ± 100° with gas residence time of 2 (two) seconds at the post combustion chamber when the chlorine content is less than 1% when the chlorine content is more than 2% the temperature maintained will be 1200 °C ± 100 °C.	Complied. We are operating the incinerator at a temperature at 1100° C ± 100° C with gas residence time of 2 seconds at the post combustion chamber when the chlorine content is less than 1%, when the chlorine content is more than 2% the temperature is maintained at 1200 °C ± 100 °C.
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.

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

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

12	The applicant shall keep accurate records of quantity of production of each product. Quantity of water consumption, quantity of effluent generated and consumption or electricity on day to day basis and required to submit the complied record of one month to GPCB & ETL on or before fifth day of the succeeding month.	Complied.
13	In case of 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			
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Sr. No.	Name of Fuel	Quantity	
1	Natural Gas	14000 to 16000 Nm ³ /day	Noted
2	Diesel in D.G. set of 1000 KVA Capacity	225 Ltr/Hr	Noted

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

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

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

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

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

following standards.		
<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:

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.



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ISO 14001 & ISO 45001 Certified Laboratory

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Barcode Id 901a4dd7f0 Report No/Sample ID TC814122000004040F Report Date 31-Oct-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-01)		
Sample Quantity:	25 mL	Sampling Date:	05-Oct-2022
Sampling Location:	On The Roof Of Lab	Sample Received Date:	07-Oct-2022
Sample Collected By:	BEIL	Sampling Procedure:	IS: 5182
Packing Details:	Not Applicable	Analysis Start Date:	08-Oct-2022
Fuel:	Not Applicable	Analysis Completion Date:	31-Oct-2022
Sampling Start Date & Time:	05-Oct-2022 11:05	Sample Type:	Air Sample
Sampling End Date & Time:	06-Oct-2022 11:05	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m3	68.74	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m3	24.18	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m3	10.64	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m3	15.21	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M3	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M3	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m3	15.02	180	IS 5182 Part 9 :1974 (Rea: 2019)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

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Barcode Id 901a4dd7f0 Report No/Sample ID TC814122000004040F Report Date 02-Nov-22

Remarks:

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

For BEIL Infrastructure Ltd.

P. 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 f416c7225c

Report No/Sample ID 5936197084 Report Date 31-Oct-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
	Ambient Air (Station-01)		
Sample Description:			
Sample Quantity:	25 mL	Sampling Date:	05-Oct-2022
Sampling Location:	On The Roof Of Lab	Sample Received Date:	07-Oct-2022
Sample Collected By:	BEIL	Sampling Procedure:	IS: 5182
Packing Details:	Not Applicable	Analysis Start Date:	08-Oct-2022
Fuel:	Not Applicable	Analysis Completion Date:	31-Oct-2022
Sampling Start Date & Time:	05-Oct-2022 11:05	Sample Type:	Air Sample
Sampling End Date & Time:	06-Oct-2022 11:05	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	Benzene C ₆ H ₆ (Air)	µg/m ³	< 0.01	5.0	IS:5182 (Part XI) 2006
2	Benzo(a)pyrene(BaP) (Air)	ng/M ³	< 0.01	1.0	CPCB Method NAAOMS-2012-13 VOL-1: 2013
3	CO (AIR)	mg/m ³	< 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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Barcode Id 91e8218c8d Report No/Sample ID TC81412200004041F Report Date 31-Oct-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
	Ambient Air (Station-02)		
Sample Description:			
Sample Quantity:	25 mL	Sampling Date:	05-Oct-2022
Sampling Location:	Opp Of C6lw4 Detox Side Phase-02	Sample Received Date:	07-Oct-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:5182
Packing Details:	Not Applicable	Analysis Start Date:	08-Oct-2022
Fuel:	Not Applicable	Analysis Completion Date:	31-Oct-2022
Sampling Start Date & Time:	05-Oct-2022 12:00	Sample Type:	Air Sample
Sampling End Date & Time:	06-Oct-2022 12:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	71.52	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m ³	34.76	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m ³	29.39	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m ³	23.77	80	IS : 5182 (PART- 6): 2008
5	Ammonia (Air)	µg/m ³	<7.0	400	IS 5182 PART-25: 2018
6	Lead (as Pb)	µg/m ³	<0.5	1.0	IS 5182 (PART 22) : 2004 (Ref.:2019)
7	Nickel (as Ni)	ng/M ³	<0.5	20	IS 5182 (PART 26) : 2020 *
8	Arsenic (as As)	ng/M ³	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	5.58	180	IS 5182 Part 9 :1974 (Rea: 2019)



BEIL INFRASTRUCTURE LIMITED

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Barcode Id 91e8218c8d Report No/Sample ID TC814122000004041F Report Date 02-Nov-22

Remarks:

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

For BEIL Infrastructure Ltd.

Beil
AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

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Barcode Id 199b3d2440

Report No/Sample ID 5936197085 Report Date 31-Oct-22

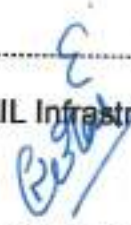
Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
	Ambient Air (Station-02)		
Sample Description:			
Sample Quantity:	25 mL	Sampling Date:	05-Oct-2022
Sampling Location:	Opp Of C6/w4 Detox Side Phase-02	Sample Received Date:	07-Oct-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:5182
Packing Details:	Not Applicable	Analysis Start Date:	08-Oct-2022
Fuel:	Not Applicable	Analysis Completion Date:	31-Oct-2022
Sampling Start Date & Time:	05-Oct-2022 12:00	Sample Type:	Air Sample
Sampling End Date & Time:	06-Oct-2022 12:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	Benzene C ₆ H ₆ (Air)	µg/m ³	< 0.01	5.0	IS:5182 (Part XI) 2006
2	Benzo(a)pyrene(BaP) (Air)	ng/M ³	< 0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013
3	CO (AIR)	mg/m ³	< 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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Barcode Id a3f92e44c0 Report No/Sample ID TC814122000004042F Report Date 31-Oct-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
	Ambient Air (Station-03)		
Sample Description:			
Sample Quantity:	25 mL	Sampling Date:	05-Oct-2022
Sampling Location:	Landfil Phase-04 Near Security	Sample Received Date:	07-Oct-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:5182
Packing Details:	Not Applicable	Analysis Start Date:	08-Sep-2022
Fuel:	Not Applicable	Analysis Completion Date:	31-Oct-2022
Sampling Start Date & Time:	05-OCT-2022 11:30	Sample Type:	Air Sample
Sampling End Date & Time:	06-OCT-2022 11:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	70.86	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m ³	36.18	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m ³	10.74	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m ³	9.65	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M ³	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M ³	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	10.45	180	IS 5182 Part 9 :1974 (Rea: 2019)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT



TC-0141

MoEF&CC Recognized Laboratory

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Barcode Id a3f92e44c0

Report No/Sample ID TC814122000004042F

Report Date 02-Nov-22

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Estate Infrastructure Ltd.)
ANALYTICAL RESEARCH LABORATORY

TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

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Barcode Id a86611a436

Report No/Sample ID 5936197086 Report Date 31-Oct-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-03)		
Sample Quantity:	25 mL	Sampling Date:	05-Oct-2022
Sampling Location:	Landfill Phase-04 Near Security	Sample Received Date:	07-Oct-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:5182
Packing Details:	Not Applicable	Analysis Start Date:	08-Sep-2022
Fuel:	Not Applicable	Analysis Completion Date:	31-Oct-2022
Sampling Start Date & Time:	05-OCT-2022 11:30	Sample Type:	Air Sample
Sampling End Date & Time:	06-OCT-2022 11:30	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.)
ANALYTICAL RESEARCH LABORATORY



TEST REPORT

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Barcode Id b0aaf44dc7 Report No/Sample ID TC814122000004397F Report Date 30-Oct-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:	05-Oct-2022
Sampling Location:	On The Roof Of Incineration Plant-02	Sample Received Date:	07-Oct-2022
Sample Collected By:	BEIL	Sampling Procedure:	IS:5182
Packing Details:	Not Applicable	Analysis Start Date:	07-Oct-2022
Fuel:	Not Applicable	Analysis Completion Date:	30-Oct-2022
Sampling Start Date & Time:	05-OCT-2022 11:00	Sample Type:	Air Sample
Sampling End Date & Time:	06-OCT-2022 11:00	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	67.12	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m ³	26.43	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m ³	19.96	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m ³	11.83	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	1.0	IS 5182 (PART 22) : 2004 (Ref.:2019)
7	Nickel (as Ni)	ng/M ³	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M ³	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	3.98	180	IS 5182 Part 9 :1974 (Rea: 2019)



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Barcode Id b0aaf44dc7 Report No/Sample ID TC814122000004397F Report Date 02-Nov-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 f4dc11e548

Report No/Sample ID 5936197088 Report Date 31-Oct-22

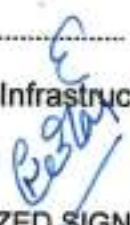
Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
	Ambient Air (Station-4)		
Sample Description:			
Sample Quantity:	25 mL	Sampling Date:	05-Oct-2022
Sampling Location:	On The Roof Of Incineration Plant-02	Sample Received Date:	07-Oct-2022
Sample Collected By:	BEIL	Sampling Procedure:	IS:5182
Packing Details:	Not Applicable	Analysis Start Date:	07-Oct-2022
Fuel:	Not Applicable	Analysis Completion Date:	30-Oct-2022
Sampling Start Date & Time:	05-OCT-2022 11:00	Sample Type:	Air Sample
Sampling End Date & Time:	06-OCT-2022 11:00	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	Benzene C ₆ H ₆ (Air)	µg/m ³	< 0.01	5.0	IS:5182 (Part XI) 2008
2	Benzo(a)pyrene(BaP) (Air)	ng/M ³	< 0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013
3	CO (AIR)	mg/m ³	< 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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Barcode Id a3504d84a8 Report No/Sample ID TC814122000004405F Report Date 26-Nov-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 Monitoring (Station-01)		
Sample Quantity:	25 mL	Sampling Date:	02-Nov-2022
Sampling Location:	On The Roof of Lab	Sample Received Date:	03-Nov-2022
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Not Applicable	Analysis Start Date:	03-Nov-2022
Fuel:	Not Applicable	Analysis Completion Date:	26-Nov-2022
Sampling Start Date & Time:	02-Nov-2022 & 12:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-Nov-2022 & 12:00	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	71.56	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m ³	25.8	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m ³	12.19	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m ³	30.24	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	1.0	IS 5182 (PART 22) : 2004 (Ref.:2019)
7	Nickel (as Ni)	ng/M ³	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M ³	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	9.47	180	IS 5182 Part 9 :1974 (Rea: 2019)



BEIL INFRASTRUCTURE LIMITED

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Barcode Id a3504d84a8 Report No/Sample ID TC814122000004405F Report Date 26-Nov-22

Remarks:

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

For BEIL Infrastructure Ltd.

Sathish Kumar Gaddam
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Crn Infrastructure Ltd.)

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Barcode Id af9aab520c

Report No/Sample ID 5936197457 Report Date 26-Nov-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 Monitoring (Station-01)		
Sample Quantity:	25 mL	Sampling Date:	02-Nov-2022
Sampling Location:	On The Roof of Lab	Sample Received Date:	03-Nov-2022
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Not Applicable	Analysis Start Date:	03-Nov-2022
Fuel:	Not Applicable	Analysis Completion Date:	26-Nov-2022
Sampling Start Date & Time:	02-Nov-2022 & 12:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-Nov-2022 & 12:00	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	CO (Air)	mg/m ³	<0.01	4.0	NDIR Digital Gas Analyzer
2	Benzene C ₆ H ₆ (Air)	µg/m ³	<0.01	5.0	IS:5182 (Part XI) 2006
3	Benzo(a)pyrene (BaP) (Air)	ng/M ³	<0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013

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 3c1d022fb5

Report No/Sample ID TC814122000004406F

Report Date 26-Nov-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 Monitoring (Staion-02)		
Sample Quantity:	25 mL	Sampling Date:	02-Nov-2022
Sampling Location:	Opp C6LW4 Detox Side Phase-02	Sample Received Date:	03-Nov-2022
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Not Applicable	Analysis Start Date:	03-Nov-2022
Fuel:	Not Applicable	Analysis Completion Date:	26-Nov-2022
Sampling Start Date & Time:	02-Nov-2022 & 13:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-Nov-2022 & 13:30	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	68.56	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m ³	25.23	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m ³	16.45	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m ³	36.62	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M ³	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M ³	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	16.3	180	IS 5182 Part 9 :1974 (Rea: 2019)



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Barcode Id 3c1d022fb5 Report No/Sample ID TC814122000004406F Report Date 26-Nov-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 87060677af

Report No/Sample ID 5936197458 Report Date 26-Nov-22

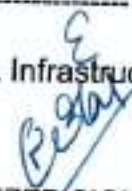
Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	Ambient Air Monitoring (Station-02)		
Sample Quantity:	25 mL	Sampling Date:	02-Nov-2022
Sampling Location:	Opp C6LW4 Detox Side Phase-02	Sample Received Date:	03-Nov-2022
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Not Applicable	Analysis Start Date:	03-Nov-2022
Fuel:	Not Applicable	Analysis Completion Date:	26-Nov-2022
Sampling Start Date & Time:	02-Nov-2022 & 13:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-Nov-2022 & 13:30	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	CO (Air)	mg/m ³	<0.01	4.0	NDIR Digital Gas Analyzer
2	Benzene C ₆ H ₆ (Air)	µg/m ³	<0.01	5.0	IS:5182 (Part XI) 2006
3	Benzo(a)pyrene (BaP) (Air)	ng/M ³	<0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013

Remarks:

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

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Evers Infrastructure Ltd.)

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Barcode Id 06e84c5de0

Report No/Sample ID TC814122000004407F

Report Date 26-Nov-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 Monitoring (Station-03)		
Sample Quantity:	25 mL	Sampling Date:	02-Nov-2022
Sampling Location:	Landfill Phase-04 Nr.Security Tower	Sample Received Date:	03-Nov-2022
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Not Applicable	Analysis Start Date:	03-Nov-2022
Fuel:	Not Applicable	Analysis Completion Date:	26-Nov-2022
Sampling Start Date & Time:	02-Nov-2022 & 13:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-Nov-2022 & 13:00	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	69.85	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m ³	24.51	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m ³	16.48	80	IS : 5182 (Part-2): 2021
4	Nitrogen Dioxide	µg/m ³	15.77	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M ³	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M ³	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	4.57	180	IS 5182 Part 9 :1974 (Rea: 2019)



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Barcode Id 06e84c5de0 Report No/Sample ID TC814122000004407F Report Date 26-Nov-22

Remarks:

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

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)





BEIL INFRASTRUCTURE LIMITED

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Barcode Id 38ad0c8dfe

Report No/Sample ID 5936197459 Report Date 26-Nov-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 Monitoring (Staion-03)		
Sample Quantity:	25 mL	Sampling Date:	02-Nov-2022
Sampling Location:	Landfill Phase-04 Nr.Security Tower	Sample Received Date:	03-Nov-2022
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Not Applicable	Analysis Start Date:	03-Nov-2022
Fuel:	Not Applicable	Analysis Completion Date:	26-Nov-2022
Sampling Start Date & Time:	02-Nov-2022 & 13:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-Nov-2022 & 13:00	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	CO (Air)	mg/m ³	<0.01	4.0	NDIR Digital Gas Analyzer
2	Benzene C ₆ H ₆ (Air)	µg/m ³	<0.01	5.0	IS:5182 (Part XI) 2006
3	Benzo(a)pyrene (BaP) (Air)	ng/M ³	<0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013

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 c477d49ef9 Report No/Sample ID TC814122000004408F Report Date 26-Nov-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 Monitoring (Station-04)		
Sample Quantity:	25 mL	Sampling Date:	02-Nov-2022
Sampling Location:	On the Roof Of Incineration Plant-02	Sample Received Date:	03-Nov-2022
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Not Applicable	Analysis Start Date:	03-Nov-2022
Fuel:	Not Applicable	Analysis Completion Date:	26-Nov-2022
Sampling Start Date & Time:	02-Nov-2022 & 12:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-Nov-2022 & 12:30	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	67.82	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m ³	30.53	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m ³	8.62	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m ³	11.09	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M ³	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M ³	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	16.3	180	IS 5182 Part 9 :1974 (Rea: 2019)



BEIL INFRASTRUCTURE LIMITED

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Barcode Id c477d49ef9 Report No/Sample ID TC814122000004408F Report Date 26-Nov-22

Remarks:

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

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)





BEIL INFRASTRUCTURE LIMITED

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Barcode Id 20949dc068

Report No/Sample ID 5936197460 Report Date 26-Nov-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 Monitoring (Station-04)		
Sample Quantity:	25 mL	Sampling Date:	02-Nov-2022
Sampling Location:	On the Roof Of Incineration Plant-02	Sample Received Date:	03-Nov-2022
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Not Applicable	Analysis Start Date:	03-Nov-2022
Fuel:	Not Applicable	Analysis Completion Date:	26-Nov-2022
Sampling Start Date & Time:	02-Nov-2022 & 12:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-Nov-2022 & 12:30	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	CO (Air)	mg/m ³	<0.01	4.0	NDIR Digital Gas Analyzer
2	Benzene C ₆ H ₆ (Air)	µg/m ³	<0.01	5.0	IS:5182 (Part XI) 2006
3	Benzo(a)pyrene (BaP) (Air)	ng/M ³	<0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013

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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Barcode Id c232011292 Report No/Sample ID TC814122000004929F Report Date 22-Dec-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 Monitoring (Station-03)		
Sample Quantity:	25 ml	Sampling Date:	04-Dec-2022
Sampling Location:	Landfill Side Phase-04 Near Security Tower	Sample Received Date:	06-Dec-2022
Sample Collected By:	By BEIL	Sampling Procedure:	As per IS-5128
Packing Details:	Not Applicable	Analysis Start Date:	06-Dec-2022
Fuel:	Not Applicable	Analysis Completion Date:	22-Dec-2022
Sampling Start Date & Time:	04 Dec-2022 12:30	Sample Type:	Air Sample
Sampling End Date & Time:	05-Dec-2022 12:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	85.96	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	11.62	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m ³	22.47	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M3	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M3	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	12.08	180	IS 5182 Part 9 :1974 (Rea: 2019)



BEIL INFRASTRUCTURE LIMITED

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Barcode Id c232011292 Report No/Sample ID TC814122000004929F Report Date 22-Dec-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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Barcode Id 2b9d38dc7b Report No/Sample ID 5936197900 Report Date 22-Dec-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 Monitoring (Station-03)		
Sample Quantity:	01	Sampling Date:	04-Dec-2022
Sampling Location:	Landfill Phase-04 Near Security Tower	Sample Received Date:	06-Dec-2022
Sample Collected By:	By BEIL	Sampling Procedure:	As per YS-5128
Packing Details:	Not Applicable	Analysis Start Date:	06-Dec-2022
Fuel:	Not Applicable	Analysis Completion Date:	22-Dec-2022
Sampling Start Date & Time:	04 Dec-2022 12:30	Sample Type:	Air Sample
Sampling End Date & Time:	05-Dec-2022 12:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	CO (Air)	mg/m ³	<0.01	4.0	NDIR Digital Gas Analyzer
2	Benzene C ₆ H ₆ (Air)	µg/m ³	<0.01	5.0	IS:5182 (Part XI) 2006
3	Benzo(a)pyrene (BaP) (Air)	ng/M ³	<0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Evers Infrastructure Ltd.)
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Barcode Id 8cbb9fc1c5 Report No/Sample ID TC814122000004930F Report Date 22-Dec-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 Monitoring (Station-04)		
Sample Quantity:	25 ml	Sampling Date:	04-Dec-2022
Sampling Location:	On The ROOF Of Incineration Plant-02	Sample Received Date:	06-Dec-2022
Sample Collected By:	By BEIL	Sampling Procedure:	As per IS-5128
Packing Details:	Not Applicable	Analysis Start Date:	06-Dec-2022
Fuel:	Not Applicable	Analysis Completion Date:	22-Dec-2022
Sampling Start Date & Time:	04 Dec-2022 12:00	Sample Type:	Air Sample
Sampling End Date & Time:	05-Dec-2022 12:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	85.63	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m ³	32.52	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m ³	16.37	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m ³	14.08	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M ³	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M ³	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	27.51	180	IS 5182 Part 9 :1974 (Rea: 2019)



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Barcode Id 8cbb9fc1c5 Report No/Sample ID TC814122000004930F Report Date 22-Dec-22

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
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BEIL INFRASTRUCTURE LIMITED

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Barcode Id 2371401f0c

Report No/Sample ID 5936197901 Report Date 22-Dec-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 Monitoring (Station-04)		
Sample Quantity:	01	Sampling Date:	04-Dec-2022
Sampling Location:	On The Roof Of Incineration Plant-02	Sample Received Date:	06-Dec-2022
Sample Collected By:	By BEIL	Sampling Procedure:	As per IS-5128
Packing Details:	Not Applicable	Analysis Start Date:	06-Dec-2022
Fuel:	Not Applicable	Analysis Completion Date:	22-Dec-2022
Sampling Start Date & Time:	04 Dec-2022 12:00	Sample Type:	Air Sample
Sampling End Date & Time:	05-Dec-2022 12:00	Sampling Duration:	24

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	CO (Air)	mg/m ³	<0.01	4.0	NDIR Digital Gas Analyzer
2	Benzene C ₆ H ₆ (Air)	µg/m ³	<0.01	5.0	IS:5182 (Part XI) 2006
3	Benzo(a)pyrene (BaP) (Air)	ng/M ³	<0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

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Barcode Id 8c97cdf37 Report No/Sample ID TC814122000004928F Report Date 22-Dec-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 Monitoring (Station-02)		
Sample Quantity:	25 ml	Sampling Date:	04-Dec-2022
Sampling Location:	Opp Of C6Iw4 Detox Side	Sample Received Date:	06-Dec-2022
Sample Collected By:	By BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Not Applicable	Analysis Start Date:	06-Dec-2022
Fuel:	Not Applicable	Analysis Completion Date:	22-Dec-2022
Sampling Start Date & Time:	04 Dec-2022 13:00	Sample Type:	Air Sample
Sampling End Date & Time:	05-Dec-2022 13:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	87.32	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m ³	30.20	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m ³	13.37	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m ³	28.17	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M ³	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M ³	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	7.51	180	IS 5182 Part 9 :1974 (Rea: 2019)



BEIL INFRASTRUCTURE LIMITED

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Barcode Id 8c97cdf37

Report No/Sample ID TC814122000004928F

Report Date 22-Dec-22

Remarks:

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

For BEIL Infrastructure Ltd.

Sathish Gaddam
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

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Barcode Id 7a8d9b0dbb

Report No/Sample ID 5936197899 Report Date 22-Dec-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 Monitoring (Station-02)		
Sample Quantity:	25 ml	Sampling Date:	04-Dec-2022
Sampling Location:	Opp Of C6/w4 Detox Side	Sample Received Date:	06-Dec-2022
Sample Collected By:	By BEIL	Sampling Procedure:	As per IS-5128
Packing Details:	Not Applicable	Analysis Start Date:	06-Dec-2022
Fuel:	Not Applicable	Analysis Completion Date:	22-Dec-2022
Sampling Start Date & Time:	04 Dec-2022 13:00	Sample Type:	Air Sample
Sampling End Date & Time:	05-Dec-2022 13:00	Sampling Duration:	24:00 Hrs

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

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

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Barcode Id 54e3a24482 Report No/Sample ID TC814122000004927F Report Date 22-Dec-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Anklesh: var - 393002		
Sample Description:	Ambient Air Monitoring (Station- 01)		
Sample Quantity:	25 ml	Sampling Date:	04-Dec-2022
Sampling Location:	On The Roof Of Lab	Sample Received Date:	06-Dec-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Not Applicable	Analysis Start Date:	06-Dec-2022
Fuel:	Not Applicable	Analysis Completion Date:	22-Dec-2022
Sampling Start Date & Time:	04 Dec-2022 11:45	Sample Type:	Air Sample
Sampling End Date & Time:	05-Dec-2022 11:45	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m3	84.64	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m3	26.76	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m3	16.81	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M3	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M3	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m3	24.50	180	IS 5182 Part 9 :1974 (Rea: 2019)



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Barcode Id 54e3a24482 Report No/Sample ID TC814122000004927F Report Date 22-Dec-22

Remarks:

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

For BEIL Infrastructure Ltd.

Pestaj
AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

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Barcode Id e9720b80cb

Report No/Sample ID 5936197898 Report Date 22-Dec-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 Monitoring (Station-01)		
Sample Quantity:	25 ml	Sampling Date:	04-Dec-2022
Sampling Location:	On The Roof Of Lab	Sample Received Date:	06-Dec-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	AS per-IS-5182
Packing Details:	Not Applicable	Analysis Start Date:	06-Dec-2022
Fuel:	Not Applicable	Analysis Completion Date:	22-Dec-2022
Sampling Start Date & Time:	04 Dec-2022 11:45	Sample Type:	Air Sample
Sampling End Date & Time:	05-Dec-2022 11:45	Sampling Duration:	24:00 Hrs

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

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 05a0b84800 Report No/Sample ID TC814123000000047F Report Date 21-Jan-23

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 Monitoring (Station-01)		
Sample Quantity:	25 ml	Sampling Date:	02-Jan-2023
Sampling Location:	On The Roof Of Lab	Sample Received Date:	04-Jan-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	PLastic Bottle	Analysis Start Date:	04-Jan-2023
Fuel:	Not Applicable	Analysis Completion Date:	21-Jan-2023
Sampling Start Date & Time:	02-JAN-2023 & 11:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-JAN-2023 & 11:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m3	78	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m3	40.19	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m3	21.05	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m3	13.52	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M3	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M3	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m3	17.24	180	IS 5182 Part 9 :1974 (Rea: 2019)



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Barcode Id 5a8a944131 Report No/Sample ID 5936198306 Report Date 21-Jan-23

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 Monitoring (Station-01)		
Sample Quantity:	25 ml	Sampling Date:	02-Jan-2023
Sampling Location:	On The Roof Of Lab	Sample Received Date:	04-Jan-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	PLastic Bottle	Analysis Start Date:	04-Jan-2023
Fuel:	Not Applicable	Analysis Completion Date:	21-Jan-2023
Sampling Start Date & Time:	02-JAN-2023 & 11:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-JAN-2023 & 11:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	CO (Air)	mg/m ³	<0.01	4.0	NDIR Digital Gas Analyzer
2	Benzene C ₆ H ₆ (Air)	µg/m ³	<0.01	5.0	IS:5182 (Part XI) 2006
3	Benzo(a)pyrene (BaP) (Air)	ng/M ³	<0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013

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 05a0b84800 Report No/Sample ID TC814123000000047F Report Date 21-Jan-23

Remarks:

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

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)





BEIL INFRASTRUCTURE LIMITED

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Barcode Id 033b7d9f3a Report No/Sample ID TC81412300000048F Report Date 21-Jan-23

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 Monitoring (Station-02)		
Sample Quantity:	25 ml	Sampling Date:	02-Jan-2023
Sampling Location:	Opp Of C6lw4 Detox Side	Sample Received Date:	04-Jan-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	PLastic Bottle	Analysis Start Date:	04-Jan-2023
Fuel:	Not Applicable	Analysis Completion Date:	21-Jan-2023
Sampling Start Date & Time:	02-JAN-2023 & 13:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-JAN-2023 & 13:00	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	30.21	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m3	12.92	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m3	26.14	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M3	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M3	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m3	13.45	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

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BEIL INFRASTRUCTURE LIMITED

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Barcode Id e6a0b5e2e9 Report No/Sample ID 5936198307 Report Date 21-Jan-23

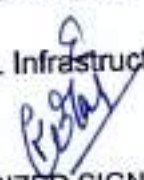
Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	Ambient Air Monitoring (Station-02)		
Sample Quantity:	25 ml	Sampling Date:	02-Jan-2023
Sampling Location:	Opp Of C6lw4 Detox Side	Sample Received Date:	04-Jan-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	PLastic Bottle	Analysis Start Date:	04-Jan-2023
Fuel:	Not Applicable	Analysis Completion Date:	21-Jan-2023
Sampling Start Date & Time:	02-JAN-2023 & 13:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-JAN-2023 & 13:00	Sampling Duration:	24:00 Hrs

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

Remarks:

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

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Infraco Infrastructure Ltd.)

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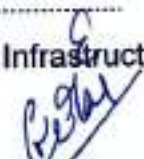
Page: 2 of 2

Barcode Id 033b7d9f3a Report No/Sample ID TC81412300000048F Report Date 21-Jan-23

Remarks:

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

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)





BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Estate Infrastructure Ltd.)
ANALYTICAL RESEARCH LABORATORY



TEST REPORT

TC-041

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NABL ACCREDITED LAB (TC-8141)

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Barcode Id 715348925b Report No/Sample ID TC814123000000049F Report Date 21-Jan-23

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 Monitoring (Station-03)		
Sample Quantity:	25 ml	Sampling Date:	02-Jan-2023
Sampling Location:	Landfill Phase-04 Near Security Tower	Sample Received Date:	04-Jan-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	PLastic Bottle	Analysis Start Date:	04-Jan-2023
Fuel:	Not Applicable	Analysis Completion Date:	21-Jan-2023
Sampling Start Date & Time:	02-JAN-2023 & 12:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-JAN-2023 & 12:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	72	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m ³	26.85	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m ³	23.39	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m ³	27.71	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	1.0	IS 5182 (PART 22) : 2004 (Ref.:2019)
7	Nickel (as Ni)	ng/M ³	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M ³	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	12.44	180	IS 5182 Part 9 :1974 (Rea: 2019)



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Barcode Id 98d45d3889

Report No/Sample ID 5936198308 Report Date 21-Jan-23

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 Monitoring (Station-03)		
Sample Quantity:	25 ml	Sampling Date:	02-Jan-2023
Sampling Location:	Landfill Phase-04 Near Security Tower	Sample Received Date:	04-Jan-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	PLastic Bottle	Analysis Start Date:	04-Jan-2023
Fuel:	Not Applicable	Analysis Completion Date:	21-Jan-2023
Sampling Start Date & Time:	02-JAN-2023 & 12:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-JAN-2023 & 12:30	Sampling Duration:	24:00 Hrs

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

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)

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, meghparad@beil.co.in

CIN NO : U45300GJ1997PLC032696

Terms & Condition are on backside



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Barcode Id 715348925b Report No/Sample ID TC814123000000049F Report Date 21-Jan-23

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

For BEIL Infrastructure Ltd.


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MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)





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Barcode Id 22f6a1fa60 Report No/Sample ID TC814123000000050F Report Date 21-Jan-23

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 Monitoring (Station-04)		
Sample Quantity:	25 ml	Sampling Date:	02-Jan-2023
Sampling Location:	On The Roof Of Incineration Plant-02	Sample Received Date:	04-Jan-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	PLastic Bottle	Analysis Start Date:	04-Jan-2023
Fuel:	Not Applicable	Analysis Completion Date:	21-Jan-2023
Sampling Start Date & Time:	02-JAN-2023 & 12:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-JAN-2023 & 12:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m3	77	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m3	41.83	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m3	20.33	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m3	12.17	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M3	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M3	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m3	18.71	180	IS 5182 Part 9 :1974 (Rea: 2019)



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Barcode Id 22f6a1fa60 Report No/Sample ID TC814123000000050F Report Date 21-Jan-23

Remarks:

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For BEIL Infrastructure Ltd.


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MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)





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Barcode Id 5a81b9364b Report No/Sample ID 5936198309 Report Date 21-Jan-23

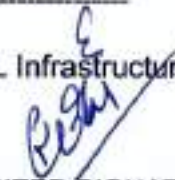
Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	Ambient Air Monitoring (Station-04)		
Sample Quantity:	25 ml	Sampling Date:	02-Jan-2023
Sampling Location:	On The Roof Of Incineartion Plant-02	Sample Received Date:	04-Jan-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	PLastic Bottle	Analysis Start Date:	04-Jan-2023
Fuel:	Not Applicable	Analysis Completion Date:	21-Jan-2023
Sampling Start Date & Time:	02-JAN-2023 & 12:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-JAN-2023 & 12:00	Sampling Duration:	24:00 Hrs

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

Remarks:

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

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



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Barcode Id 68550819c4

Report No/Sample ID TC814123000000543F

Report Date 28-Feb-23

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 Monitoring (Station-01)		
Sample Quantity:	25 ml	Sampling Date:	05-Feb-2023
Sampling Location:	On The Roof Of Lab	Sample Received Date:	06-Feb-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Plastic Bottle	Analysis Start Date:	06-Feb-2023
Fuel:	Not Applicable	Analysis Completion Date:	28-Feb-2023
Sampling Start Date & Time:	05-Feb-2023 & 11:40	Sample Type:	Air Sample
Sampling End Date & Time:	06-Feb-2023 & 11:40	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m3	85.74	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m3	27.82	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m3	18.13	60	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m3	12.08	60	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	1.0	IS 5182 (PART 22) : 2004 (Ref.:2019)
7	Nickel (as Ni)	ng/M3	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M3	<0.5	6.0	CPCB Guidline manual
9	Ozone.	µg/m3	10.12	180	NAAQMS/36/2012-13 VOL-1: 2013 IS 5182 Part 9 :1974 (Rea: 2019)



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Barcode Id 68550819c4 Report No/Sample ID TC814123000000543F Report Date 28-Feb-23

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For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)





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Barcode Id 438bd1f264

Report No/Sample ID 5936198858 Report Date 28-Feb-23

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 Monitoring (Station-01)		
Sample Quantity:	25 ml	Sampling Date:	05-Feb-2023
Sampling Location:	On The Roof Of Lab	Sample Received Date:	06-Feb-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Plastic Bottle	Analysis Start Date:	06-Feb-2023
Fuel:	Not Applicable	Analysis Completion Date:	28-Feb-2023
Sampling Start Date & Time:	05-Feb-2023 & 11:40	Sample Type:	Air Sample
Sampling End Date & Time:	06-Feb-2023 & 11:40	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	CO (Air)	mg/m ³	<0.01	4.0	NDIR Digital Gas Analyzer
2	Benzene C ₆ H ₆ (Air)	µg/m ³	<0.01	5.0	IS:5182 (Part XI) 2006
3	Benzo(a)pyrene (BaP) (Air)	ng/M ³	<0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

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Barcode Id 42a4eb687d Report No/Sample ID TC814123000000544F Report Date 28-Feb-23

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 Monitoring (Station-02)		
Sample Quantity:	25 ml	Sampling Date:	05-Feb-2023
Sampling Location:	Opp Of C6lw4 Detox Side	Sample Received Date:	06-Feb-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Plastic Bottle	Analysis Start Date:	06-Feb-2023
Fuel:	Not Applicable	Analysis Completion Date:	28-Feb-2023
Sampling Start Date & Time:	05-Feb-2023 & 14:10	Sample Type:	Air Sample
Sampling End Date & Time:	06-Feb-2023 & 14:10	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	83.65	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m ³	28.41	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m ³	25.90	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m ³	9.29	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	1.0	IS 5182 (PART 22) : 2004 (Ref.:2019)
7	Nickel (as Ni)	ng/M ³	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M ³	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	10.12	180	IS 5182 Part 9 :1974 (Rea: 2019)



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Barcode Id 42a4eb687d Report No/Sample ID TC814123000000544F Report Date 28-Feb-23

Remarks:

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

For BEIL Infrastructure Ltd.

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MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

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Barcode Id ccf279d966

Report No/Sample ID 5936198859 Report Date 28-Feb-23

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 Monitoring (Station-02)		
Sample Quantity:	25 ml	Sampling Date:	05-Feb-2023
Sampling Location:	Opp Of C6Iw4 Detox Side	Sample Received Date:	06-Feb-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Plastic Bottle	Analysis Start Date:	06-Feb-2023
Fuel:	Not Applicable	Analysis Completion Date:	28-Feb-2023
Sampling Start Date & Time:	05-Feb-2023 & 14:10	Sample Type:	Air Sample
Sampling End Date & Time:	06-Feb-2023 & 14:10	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	CO (Air)	mg/m ³	<0.01	4.0	NDIR Digital Gas Analyzer
2	Benzene C ₆ H ₆ (Air)	µg/m ³	<0.01	5.0	IS-5182 (Part XI) 2006
3	Benzo(a)pyrene (BaP) (Air)	ng/M ³	<0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

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Barcode Id 68a11d3427

Report No/Sample ID TC814123000000545F

Report Date 28-Feb-23

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 Monitoring (Station-03)		
Sample Quantity:	25 ml	Sampling Date:	05-Feb-2023
Sampling Location:	Landfill Phase-04 Near Security Tower	Sample Received Date:	06-Feb-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Plastic Bottle	Analysis Start Date:	06-Feb-2023
Fuel:	Not Applicable	Analysis Completion Date:	28-Feb-2023
Sampling Start Date & Time:	05-Feb-2023 & 15:30	Sample Type:	Air Sample
Sampling End Date & Time:	06-Feb-2023 & 15:30	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	78.98	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m ³	26.80	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m ³	26.15	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m ³	7.39	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M ³	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M ³	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	9.95	180	IS 5182 Part 9 :1974 (Rea: 2019)



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Barcode Id 68a11d3427 Report No/Sample ID TC814123000000545F Report Date 28-Feb-23

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For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

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Barcode Id 1eabae1459

Report No/Sample ID 5936198860 Report Date 28-Feb-23

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 Monitoring (Station-03)		
Sample Quantity:	25 ml	Sampling Date:	05-Feb-2023
Sampling Location:	Landfill Phase-04 Near Security Tower	Sample Received Date:	06-Feb-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Plastic Bottle	Analysis Start Date:	06-Feb-2023
Fuel:	Not Applicable	Analysis Completion Date:	28-Feb-2023
Sampling Start Date & Time:	05-Feb-2023 & 15:30	Sample Type:	Air Sample
Sampling End Date & Time:	06-Feb-2023 & 15:30	Sampling Duration:	24 Hrs

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

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

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Barcode Id 823758552e Report No/Sample ID TC814123000000546F Report Date 28-Feb-23

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 Monitoring (Station-04)		
Sample Quantity:	25 ml	Sampling Date:	05-Feb-2023
Sampling Location:	On The Roof Of Incineration Plant-02	Sample Received Date:	06-Feb-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Plastic Bottle	Analysis Start Date:	06-Feb-2023
Fuel:	Not Applicable	Analysis Completion Date:	28-Feb-2023
Sampling Start Date & Time:	05-Feb-2023 & 12:15	Sample Type:	Air Sample
Sampling End Date & Time:	06-Feb-2023 & 12:15	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m3	84.63	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m3	34.51	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m3	24.45	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m3	11.09	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M3	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M3	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m3	13.93	180	IS 5182 Part 9 :1974 (Rea: 2019)



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Barcode Id 823758552e Report No/Sample ID TC814123000000546F Report Date 28-Feb-23

Remarks:

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

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Evers Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

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Barcode Id 36cdb8fde8

Report No/Sample ID 5936198861 Report Date 28-Feb-23

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 Monitoring (Station-04)		
Sample Quantity:	25 ml	Sampling Date:	05-Feb-2023
Sampling Location:	On The Roof Of Incineration Plant-02	Sample Received Date:	06-Feb-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	Plastic Bottle	Analysis Start Date:	06-Feb-2023
Fuel:	Not Applicable	Analysis Completion Date:	28-Feb-2023
Sampling Start Date & Time:	05-Feb-2023 & 12:15	Sample Type:	Air Sample
Sampling End Date & Time:	06-Feb-2023 & 12:15	Sampling Duration:	24 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	CO (Air)	mg/m ³	<0.01	4.0	NDIR Digital Gas Analyzer
2	Benzene C ₆ H ₆ (Air)	µg/m ³	<0.01	5.0	IS:5182 (Part XI) 2006
3	Benzo(a)pyrene (BaP) (Air)	ng/M ³	<0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



Barcode Id 215f6dea6b Report No/Sample ID TC814123000001067F Report Date 18-Mar-23

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 Monitoring (Station-01)		
Sample Quantity:	25 mL	Sampling Date:	08-Mar-2023
Sampling Location:	On The Roof Of Lab	Sample Received Date:	11-Mar-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	PLASTIC BOTTLE	Analysis Start Date:	11-Mar-2023
Fuel:	Not Applicable	Analysis Completion Date:	18-Mar-2023
Sampling Start Date & Time:	08-MAR-23 10:45	Sample Type:	Air Sample
Sampling End Date & Time:	09-MAR-23 10:45	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	83.90	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m ³	32.53	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m ³	9.74	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m ³	16.48	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M ³	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M ³	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	10.12	180	IS 5182 Part 9 :1974 (Rea: 2019)



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Page: 2 of 2

Barcode Id 215f6dea6b Report No/Sample ID TC814123000001067F Report Date 18-Mar-23

Remarks:

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

For BEIL Infrastructure Ltd.

Sathish Gaddam
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

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Barcode Id a30390d367 Report No/Sample ID 5936199441 Report Date 18-Mar-23

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 Monitoring (Station-01)		
Sample Quantity:	25 mL	Sampling Date:	08-Mar-2023
Sampling Location:	On The Roof Of Lab	Sample Received Date:	11-Mar-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	PLASTIC BOTTLE	Analysis Start Date:	11-Mar-2023
Fuel:	Not Applicable	Analysis Completion Date:	18-Mar-2023
Sampling Start Date & Time:	08-MAR-23 10:45	Sample Type:	Air Sample
Sampling End Date & Time:	09-MAR-23 10:45	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	CO (Air)	mg/m ³	<0.01	4.0	NDIR Digital Gas Analyzer
2	Benzene C ₆ H ₆ (Air)	µg/m ³	<0.01	5.0	IS:5182 (Part XI) 2006
3	Benzo(a)pyrene (BaP) (Air)	ng/M ³	<0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

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ANALYTICAL RESEARCH LABORATORY

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TC811

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Page: 1 of 2

Barcode Id a7194c78b4 Report No/Sample ID TC814123000001068F Report Date 18-Mar-23

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 Monitoring (Station-02)		
Sample Quantity:	25 mL	Sampling Date:	08-Mar-2023
Sampling Location:	Opp Of C6/w4 Detox Side	Sample Received Date:	11-Mar-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	PLASTIC BOTTLE	Analysis Start Date:	11-Mar-2023
Fuel:	Not Applicable	Analysis Completion Date:	18-Mar-2023
Sampling Start Date & Time:	08-MAR-23 12:30	Sample Type:	Air Sample
Sampling End Date & Time:	09-MAR-23 12:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	85.61	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m ³	37.86	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m ³	10.87	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m ³	11.63	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M3	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M3	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	5.55	180	IS 5182 Part 9 :1974 (Rea: 2019)



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Page: 2 of 2

Barcode Id a7194c78b4 Report No/Sample ID TC814123000001068F Report Date 18-Mar-23

Remarks:

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

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)





BEIL INFRASTRUCTURE LIMITED

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Barcode Id 49f2e6624a

Report No/Sample ID 5936199442 Report Date 18-Mar-23

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 Monitoring (Station-02)		
Sample Quantity:	25 mL	Sampling Date:	08-Mar-2023
Sampling Location:	Opp Of C6iw4 Detox Side	Sample Received Date:	11-Mar-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	PLASTIC BOTTLE	Analysis Start Date:	11-Mar-2023
Fuel:	Not Applicable	Analysis Completion Date:	18-Mar-2023
Sampling Start Date & Time:	08-MAR-23 12:30	Sample Type:	Air Sample
Sampling End Date & Time:	09-MAR-23 12:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	CO (Air)	mg/m ³	0.67	4.0	NDIR Digital Gas Analyzer
2	Benzene C ₆ H ₆ (Air)	µg/m ³	<0.01	5.0	IS-5182 (Part XI) 2006
3	Benzo(a)pyrene (BaP) (Air)	ng/M ³	<0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013

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 5a63f484fb Report No/Sample ID TC814123000001069F Report Date 18-Mar-23

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 Monitoring (Station-03)		
Sample Quantity:	25 mL	Sampling Date:	08-Mar-2023
Sampling Location:	Landfill Phase-04 Near Security Tower	Sample Received Date:	11-Mar-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	PLASTIC BOTTLE	Analysis Start Date:	11-Mar-2023
Fuel:	Not Applicable	Analysis Completion Date:	18-Mar-2023
Sampling Start Date & Time:	08-MAR-23 12:00	Sample Type:	Air Sample
Sampling End Date & Time:	09-MAR-23 12:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	80.28	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m ³	27.86	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m ³	16.92	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m ³	9.97	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	1.0	IS 5182 (PART 22) : 2004 (Ref.:2019)
7	Nickel (as Ni)	ng/M ³	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M ³	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	11.43	180	IS 5182 Part 9 :1974 (Rea: 2019)



BEIL INFRASTRUCTURE LIMITED

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ANALYTICAL RESEARCH LABORATORY

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Page: 2 of 2

Barcode Id 5a63f484fb Report No/Sample ID TC814123000001069F Report Date 18-Mar-23

Remarks:

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

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)





BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Excess Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

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ISO 14001 & ISO 45001 Certified Laboratory

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Barcode Id 46d82874a7 Report No/Sample ID 5936199443 Report Date 18-Mar-23

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 Monitoring (Station-03)		
Sample Quantity:	25 mL	Sampling Date:	08-Mar-2023
Sampling Location:	Landfill Phase-04 Near Security Tower	Sample Received Date:	11-Mar-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	PLASTIC BOTTLE	Analysis Start Date:	11-Mar-2023
Fuel:	Not Applicable	Analysis Completion Date:	18-Mar-2023
Sampling Start Date & Time:	08-MAR-23 12:00	Sample Type:	Air Sample
Sampling End Date & Time:	09-MAR-23 12:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	CO (Air)	mg/m3	0.68	4.0	NDIR Digital Gas Analyzer
2	Benzene C6H6 (Air)	µg/m3	<0.01	5.0	IS:5182 (Part XI) 2006
3	Benzo(a)pyrene (BaP) (Air)	ng/M3	<0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Fertilizer Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT



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Page: 1 of 2

Barcode Id be3b3052a5 Report No/Sample ID TC814123000001070F Report Date 18-Mar-23

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 Monitoring (Station-04)		
Sample Quantity:	25 mL	Sampling Date:	08-Mar-2023
Sampling Location:	On The Roof Of Incineration Plant-02	Sample Received Date:	11-Mar-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	PLASTIC BOTTLE	Analysis Start Date:	11-Mar-2023
Fuel:	Not Applicable	Analysis Completion Date:	18-Mar-2023
Sampling Start Date & Time:	08-MAR-23 11:30	Sample Type:	Air Sample
Sampling End Date & Time:	09-MAR-23 11:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m ³	86.48	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m ³	47.55	60	IS 5182 : PART 24 : 2019
3	Sulphur Dioxide	µg/m ³	10.28	80	IS : 5182 (Part-2): 2001
4	Nitrogen Dioxide	µg/m ³	9.34	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	1.0	IS 5182 (PART 22) : 2004 (Reff.:2019)
7	Nickel (as Ni)	ng/M ³	<0.5	20	IS 5182 (PART 26) : 2020
8	Arsenic (as As)	ng/M ³	<0.5	6.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
9	Ozone.	µg/m ³	13.92	180	IS 5182 Part 9 :1974 (Rea: 2019)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Estate Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

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MoEF&CC Recognized Laboratory

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Page: 2 of 2

Barcode Id be3b3052a5 Report No/Sample ID TC814123000001070F Report Date 18-Mar-23

Remarks:

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

For BEIL Infrastructure Ltd.

Sathish
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Environmental Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

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Barcode Id dbd2572ccf Report No/Sample ID 5936199444 Report Date 18-Mar-23

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 Monitoring (Station-04)		
Sample Quantity:	25 mL	Sampling Date:	08-Mar-2023
Sampling Location:	On The Roof Of Incineration Plant-02	Sample Received Date:	11-Mar-2023
Sample Collected By:	BEIL	Sampling Procedure:	As per IS-5182
Packing Details:	PLASTIC BOTTLE	Analysis Start Date:	11-Mar-2023
Fuel:	Not Applicable	Analysis Completion Date:	18-Mar-2023
Sampling Start Date & Time:	08-MAR-23 11:30	Sample Type:	Air Sample
Sampling End Date & Time:	09-MAR-23 11:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	CO (Air)	mg/m3	0.62	4.0	NDIR Digital Gas Analyzer
2	Benzene C6H6 (Air)	µg/m3	<0.01	5.0	IS:5182 (Part XI) 2006
3	Benzo(a)pyrene (BaP) (Air)	ng/M3	<0.01	1.0	CPCB Method NAAOMS-2012-13 VOL-1: 2013

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 0279 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Location of Sampling : Near Laboratory	Sampling Procedure : As per table
Date of Sampling : 03/10/2022	Protocol (purpose) : Ambient Air Quality Monitoring
Sampling by : Pollucon Laboratories Pvt. Ltd.	Lab ID : BL/2210/01 [A-M]
Sample Receipt Date : 04/10/2022	Date of Completion of Test : 10/10/2022
Date of Starting of Test : 04/10/2022	

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	75.3	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	22.54	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	14.8	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	19.3	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	8.2	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m ³	0.82	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 0280 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
--	---

Location of Sampling : Near Shed No.10 Date of Sampling : 03/10/2022 Sampling by : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 04/10/2022 Date of Starting of Test : 04/10/2022	Sampling Procedure : As per table Protocol (purpose) : Ambient Air Quality Monitoring Lab ID : BL/2210/02 [A-M] Date of Completion of Test : 10/10/2022
--	--

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	73.4	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	25.6	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	15.3	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	17.7	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	7.3	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m ³	0.72	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

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

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

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

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**TEST CERTIFICATE**

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0281 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Location of Sampling : Opposite Side Of Phase-2 LW-4	Sampling Procedure : As per table
Date of Sampling : 03/10/2022	Protocol (purpose) : Ambient Air Quality Monitoring
Sampling by : Pollucon Laboratories Pvt. Ltd.	Lab ID : BL/2210/03 [A-M]
Sample Receipt Date : 04/10/2022	Date of Completion of Test : 10/10/2022
Date of Starting of Test : 04/10/2022	

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT@	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	70.9	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	24.5	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	10.8	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	18.5	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	9.4	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m ³	0.72	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

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

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0321
	Issue Date :	14/11/2022
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

Location of Sampling :	Near Laboratory	Sampling Procedure :	As per table
Date of Sampling :	04/11/2022	Protocol (purpose) :	Ambient Air Quality Monitoring
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Lab ID :	BL/2211/19 [A-M]
Sample Receipt Date :	05/11/2022	Date of Completion of Test :	11/11/2022
Date of Starting of Test :	05/11/2022		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	79.3	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	16.8	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	26.8	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	8.4	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m ³	0.88	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

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

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

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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 0322 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Location of Sampling : Near PH-4 corner	Sampling Procedure : As per table
Date of Sampling : 04/11/2022	Protocol (purpose) : Ambient Air Quality Monitoring
Sampling by : Pollucon Laboratories Pvt. Ltd.	Lab ID : BL/2211/20 [A-M]
Sample Receipt Date : 05/11/2022	Date of Completion of Test : 11/11/2022
Date of Starting of Test : 05/11/2022	

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	68.3	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	29.3	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	11.8	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	20.3	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	7.2	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: 5.0 µg/m³, Ammonia as NH₃:2.0 µg/m³
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS*: Not Specified.

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

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Customer's Name and Address :

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M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0323 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Location of Sampling	: Opposite of C6LW4 Phase-2	Sampling Procedure	: As per table
Date of Sampling	: 04/11/2022	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2211/21 [A-M]
Sample Receipt Date	: 05/11/2022	Date of Completion of Test	: 11/11/2022
Date of Starting of Test	: 05/11/2022		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	77.9	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	32.2	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	13.8	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	23.4	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	6.5	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m ³	0.76	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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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 0352 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Location of Sampling	: Near Laboratory	Sampling Procedure	: As per table
Date of Sampling	: 05/12/2022	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2212/15 [A-M]
Sample Receipt Date	: 06/12/2022	Date of Completion of Test	: 12/12/2022
Date of Starting of Test	: 06/12/2022		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	82.2	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	37.9	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	13.3	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	17.5	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	15.3	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m ³	0.96	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

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


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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**TEST CERTIFICATE**

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0353 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Location of Sampling : Near Shed No.10	Sampling Procedure : As per table
Date of Sampling : 05/12/2022	Protocol (purpose) : Ambient Air Quality Monitoring
Sampling by : Pollucon Laboratories Pvt. Ltd.	Lab ID : BL/2212/16 [A-M]
Sample Receipt Date : 06/12/2022	Date of Completion of Test : 12/12/2022
Date of Starting of Test : 06/12/2022	

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	84.3	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	32.9	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	17.8	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	18.8	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m ³	0.82	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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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 0354 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Location of Sampling	: Opposite Side Of Phase-2 LW-4	Sampling Procedure	: As per table
Date of Sampling	: 05/12/2022	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2212/17 [A-M]
Sample Receipt Date	: 06/12/2022	Date of Completion of Test	: 12/12/2022
Date of Starting of Test	: 06/12/2022		

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	30.3	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	16.9	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	26.7	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	20.2	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m ³	0.88	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

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


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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

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**TEST CERTIFICATE**

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0001
	Issue Date :	12/01/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

Location of Sampling :	Near Laboratory	Sampling Procedure :	As per table
Date of Sampling :	02/01/2023	Protocol (purpose) :	Ambient Air Quality Monitoring
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Lab ID :	BL/2301/15 [A-M]
Sample Receipt Date :	03/01/2023	Date of Completion of Test :	09/01/2023
Date of Starting of Test :	03/01/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	76.3	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	25.2	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	11.3	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	21.9	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	17.6	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m ³	0.88	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

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

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

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE

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Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0002 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Location of Sampling	: Near Shed No.10	Sampling Procedure	: As per table
Date of Sampling	: 02/01/2023	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2301/16 [A-M]
Sample Receipt Date	: 03/01/2023	Date of Completion of Test	: 09/01/2023
Date of Starting of Test	: 03/01/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	80.3	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	28.5	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	13.8	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	26.4	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	20.2	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m ³	0.92	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

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



Ravi Jariwala
Sr. Environmental Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE

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Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0003 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Location of Sampling	: Opposite Side Of Phase-2 LW-4	Sampling Procedure	: As per table
Date of Sampling	: 02/01/2023	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2301/17 [A-M]
Sample Receipt Date	: 03/01/2023	Date of Completion of Test	: 09/01/2023
Date of Starting of Test	: 03/01/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	71.4	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	26.7	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	14.5	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	29.3	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	22.8	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m ³	0.82	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 :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0018 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Location of Sampling	: Near Laboratory	Sampling Procedure	: As per table
Date of Sampling	: 06/02/2023	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2303/16 [A-M]
Sample Receipt Date	: 07/02/2023	Date of Completion of Test	: 13/02/2023
Date of Starting of Test	: 07/02/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	80.2	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	35.4	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	18.3	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	22.6	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	10.5	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m ³	0.72	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

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


Ravi Jariwala
Sr. Environmental Scientist


Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE

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Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0019 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Location of Sampling	: Near Shed No.10	Sampling Procedure	: As per table
Date of Sampling	: 06/02/2023	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2303/17 [A-M]
Sample Receipt Date	: 07/02/2023	Date of Completion of Test	: 13/02/2023
Date of Starting of Test	: 07/02/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	72.4	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	32.7	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	14.3	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	24.2	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	14.6	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: 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

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0020 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Location of Sampling	: Opposite Side Of Phase-2 LW-4	Sampling Procedure	: As per table
Date of Sampling	: 06/02/2023	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2303/18 [A-M]
Sample Receipt Date	: 07/02/2023	Date of Completion of Test	: 13/02/2023
Date of Starting of Test	: 07/02/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	70.8	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	30.9	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	11.6	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	21.3	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	12.7	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m ³	0.7	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/23/0045
	Issue Date :	13/03/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

Location of Sampling :	Near Laboratory	Sampling Procedure :	As per table
Date of Sampling :	03/03/2023	Protocol (purpose) :	Ambient Air Quality Monitoring
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Lab ID :	BL/2303/01 [A-M]
Sample Receipt Date :	04/03/2023	Date of Completion of Test :	09/03/2023
Date of Starting of Test :	04/03/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	77.3	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	39.8	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	21.5	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	24.4	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	12.9	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m ³	0.84	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

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

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager(Q)

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**TEST CERTIFICATE**

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Customer's Name and Address :

Page: 1 of 1

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0046 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Location of Sampling : Near Shed No.10	Sampling Procedure : As per table
Date of Sampling : 03/03/2023	Protocol (purpose) : Ambient Air Quality Monitoring
Sampling by : Pollucon Laboratories Pvt. Ltd.	Lab ID : BL/2303/02 [A-M]
Sample Receipt Date : 04/03/2023	Date of Completion of Test : 09/03/2023
Date of Starting of Test : 04/03/2023	

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	79.2	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	35.5	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO ₂	µg/m ³	11.8	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO ₂	µg/m ³	17.2	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	11.4	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m ³	0.86	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH ₃	µg/m ³	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C ₆ H ₆	µg/m ³	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m ³	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m ³	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m ³	Not Detected	NS*	Gas chromatography
14	HCl	µg/m ³	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl ₂	µg/m ³	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H ₂ S	µg/m ³	Not Detected	NS*	IS 5182 (Part 7)

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

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

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Customer's Name and Address :

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M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0047 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Location of Sampling	: Opposite Side Of Phase-2 LW-4	Sampling Procedure	: As per table
Date of Sampling	: 03/03/2023	Protocol (purpose)	: Ambient Air Quality Monitoring
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Lab ID	: BL/2303/03 [A-M]
Sample Receipt Date	: 04/03/2023	Date of Completion of Test	: 09/03/2023
Date of Starting of Test	: 04/03/2023		

RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT [@]	METHOD OF MEASUREMENT
1	Particulate Matter (PM ₁₀)	µg/m ³	72.5	100	IS 5182 (Part 23)
2	Particulate Matter (PM _{2.5})	µg/m ³	31.8	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	22.2	80	IS 5182 (Part 6)
5	Ozone (O ₃) ^S	µg/m ³	10.1	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m ³	0.76	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 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 0282
	Issue Date :	13/10/2022
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

Sampling Location :	EB-4 Up Stream
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Description of Sample :	Ground Water sample	Quantity/No. of Samples :	05 Lit./One
Date of Sampling :	03/10/2022	Sampling Procedure :	IS:3025
Sampling by :	Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) :	QC/Env. Monitoring
Sample Receipt Date :	04/10/2022	Lab ID. :	BL/2210/04
Packing/ Seal :	Sealed	Test Parameters :	As per table
Date of Starting of Test :	04/10/2022	Date of Completion of Test :	13/10/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.98	IS 3025 (Part 11)
2	Colour	Co-pt	5.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	5908	IS 3025 (Part – 14)
4	Turbidity	NTU	0.35	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	3670	IS 3025 (Part-16)
7	TOC	mg/L	7.5	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	1701	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	340	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.49	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1319	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	206	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.43	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	0.132	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.105	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	312	IS 3025 (Part – 40) EDTA Titrimetric Method)

Continue...

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

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TEST REPORT

QF/7.8/37-WT

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 0282
	Issue Date :	13/10/2022
	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	221	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	380	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	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. 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 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 0282 Issue Date : 13/10/2022 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	α-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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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 0283 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

Sampling Location	: EB5 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/10/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/10/2022	Lab ID.	: BL/2210/05
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/10/2022	Date of Completion of Test	: 13/10/2022

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	4496	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	2995	IS 3025 (Part-16)
7	TOC	mg/L	5.6	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	782	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	450	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.47	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	929	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	205	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	0.156	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.253	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.184	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.732	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	198	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 0283
	Issue Date :	13/10/2022
	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	68.64	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	403	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	7.1	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.2	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	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 0283 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

Sampling Location	: EB5 Up Stream
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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. 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 0284 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

Sampling Location	: EB3 Down Stream (New)
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/10/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/10/2022	Lab ID.	: BL/2210/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/10/2022	Date of Completion of Test	: 13/10/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.4	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	0.97	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	1487	IS 3025 (Part-16)
7	TOC	mg/L	3.2	APHA (23 rd Edition) 5310 B
8	COD	mg/L	12	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	464	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	324	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.45	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	353	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	201	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.86	APHA (23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.156	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	0.584	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	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 0284
	Issue Date :	13/10/2022
	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	44.16	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	226	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.18	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.

**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 0284 Issue Date : 13/10/2022 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	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 0285 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB2 Down Stream (New)
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/10/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/10/2022	Lab ID.	: BL/2210/07
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/10/2022	Date of Completion of Test	: 13/10/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.31	IS 3025 (Part 11)
2	Colour	Hazen	10.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2297	IS 3025 (Part – 14)
4	Turbidity	NTU	0.69	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	1428	IS 3025 (Part-16)
7	TOC	mg/L	3.9	APHA (23 rd Edition) 5310 B
8	COD	mg/L	13	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	532	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	380	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.73	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	345	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	210	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.93	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	0.284	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.360	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.490	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	67.2	IS 3025 (Part – 40) EDTA Titrimetric Method)

Continue...



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0285
	Issue Date :	13/10/2022
	Customer's Ref. :	W.O.No. 8522230050
		Dated:21.04.2022

Sampling Location :	HB2 Down Stream (New)
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	87.3	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	184	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	6.34	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

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 0285 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB2 Down Stream (New)
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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.


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 0286 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB5 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/10/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/10/2022	Lab ID.	: BL/2210/08
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/10/2022	Date of Completion of Test	: 13/10/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.8	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2920	IS 3025 (Part – 14)
4	Turbidity	NTU	0.97	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	1814	IS 3025 (Part-16)
7	TOC	mg/L	3.8	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	580	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	430	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	534	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	198	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.83	APHA (23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.087	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.093	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	0.46	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	98.4	IS 3025 (Part – 40) EDTA Titrimetric Method)

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

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 0286
	Issue Date :	13/10/2022
	Customer's Ref. :	W.O.No. 8522230050
		Dated:21.04.2022

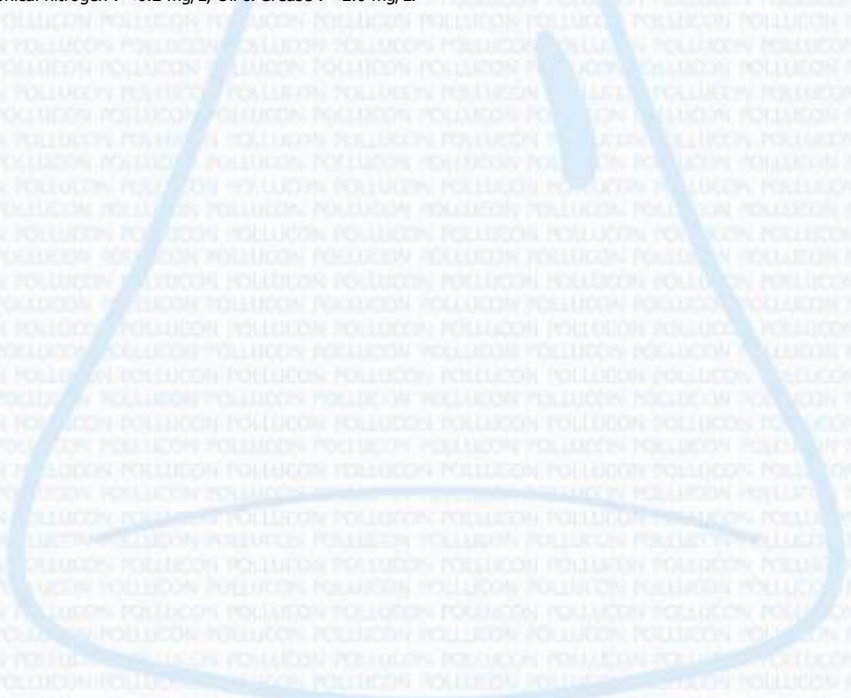
Sampling Location :	HB5 Down Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	80.16	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	318	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.13	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

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 0286 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB5 Down Stream
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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	
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.**

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 0287 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB4 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/10/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/10/2022	Lab ID.	: BL/2210/09
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/10/2022	Date of Completion of Test	: 13/10/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.52	IS 3025 (Part 11)
2	Colour	Hazen	5	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	3350	IS 3025 (Part – 14)
4	Turbidity	NTU	0.39	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	2076	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	630	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	470	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	589	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	225	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.86	APHA (23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.12	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.1480	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	0.64	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	128	IS 3025 (Part – 40) EDTA Titrimetric Method)

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0287
	Issue Date :	13/10/2022
	Customer's Ref. :	W.O.No. 8522230050
		Dated:21.04.2022

Sampling Location :	HB4 Down Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	74.4	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	213	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	5.19	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	8.4	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 0287 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB4 Down Stream
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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 0288 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB7 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/10/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/10/2022	Lab ID.	: BL/2210/10
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/10/2022	Date of Completion of Test	: 13/10/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.41	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	5216	IS 3025 (Part – 14)
4	Turbidity	NTU	0.810	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	3240	IS 3025 (Part-16)
7	TOC	mg/L	8.5	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	780	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	362	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.57	7IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1029	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	263	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	0.081	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	0.174	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.48	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	150	IS 3025 (Part – 40) EDTA Titrimetric Method)

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager (Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0288
	Issue Date :	13/10/2022
	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	97.2	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	428	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	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)

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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 0288 Issue Date : 13/10/2022 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	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.


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 0289
	Issue Date :	13/10/2022
	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	193	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	526	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	5.3	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)

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

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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 0289 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: EB9 Up Stream
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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	
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 0290 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: EB10 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/10/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/10/2022	Lab ID.	: BL/2210/12
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/10/2022	Date of Completion of Test	: 13/10/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.88	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	10348	IS 3025 (Part – 14)
4	Turbidity	NTU	7.18	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	8	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	6431	IS 3025 (Part-16)
7	TOC	mg/L	16	APHA (23 rd Edition) 5310 B
8	COD	mg/L	87	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3016	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	296	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	3.87	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	2472	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	310	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.61	APHA (23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.894	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.572	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.63	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.54	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	868	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 0290
	Issue Date :	13/10/2022
	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	203	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	9.5	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	21	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 0290 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: EB10 Up Stream
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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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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 0291 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: EB11 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/10/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/10/2022	Lab ID.	: BL/2210/13
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/10/2022	Date of Completion of Test	: 13/10/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.89	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	6884	IS 3025 (Part – 14)
4	Turbidity	NTU	6.5	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	8	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	4270	IS 3025 (Part-16)
7	TOC	mg/L	29	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	2128	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	324	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	1448	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	290	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.53	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	0.085	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.42	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.138	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	408	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 0291
	Issue Date :	13/10/2022
	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	265	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	7.36	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	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 0291 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: EB11 Up Stream
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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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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 0292 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB1 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/10/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/10/2022	Lab ID.	: BL/2210/14
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/10/2022	Date of Completion of Test	: 13/10/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.06	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	6027	IS 3025 (Part – 14)
4	Turbidity	NTU	0.95	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	3745	IS 3025 (Part-16)
7	TOC	mg/L	7.8	APHA (23 rd Edition) 5310 B
8	COD	mg/L	25	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1426	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	312	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	1438	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	211	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.43	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	0.089	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.476	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	226	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 0292
	Issue Date :	13/10/2022
	Customer's Ref. :	W.O.No. 8522230050
		Dated:21.04.2022

Sampling Location :	HB1 Up Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	206	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	513	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.28	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	9.3	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 0292 Issue Date : 13/10/2022 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	USEPA 525.2
34.7	Heptachlor	µg/L	Absent	
34.8	Hexachlorobenzene (HCB)	µg/L	Absent	
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	
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.


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager (Q)

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

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL 0293
	Issue Date :	13/10/2022
	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	36	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	365	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	7.4	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	4.9	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)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

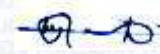
M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0293 Issue Date : 13/10/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

Sampling Location	: HB6 Down Stream
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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 0330 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: EB-4 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 04/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 05/11/2022	Lab ID.	: BL/2211/01
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 05/11/2022	Date of Completion of Test	: 14/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.16	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	5463	IS 3025 (Part - 14)
4	Turbidity	NTU	0.61	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3540	IS 3025 (Part-16)
7	TOC	mg/L	8.1	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	1786	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	354	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.27	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1394	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	198	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.38	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	0.148	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.115	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.097	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.48	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

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 0330
	Issue Date :	14/11/2022
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

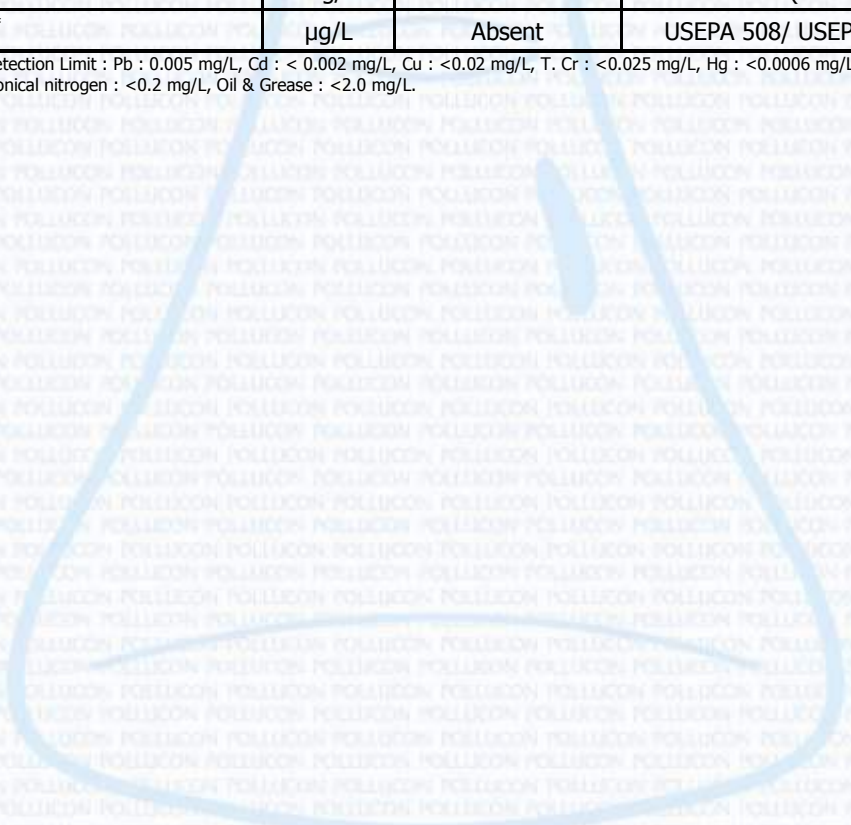
Sampling Location :	EB-4 Up Stream
---------------------	-----------------------

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	210	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	297	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	6.78	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	7.6	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



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 0330 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location : **EB-4 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/L	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

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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 0331 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

Sampling Location	: EB5 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 04/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 05/11/2022	Lab ID.	: BL/2211/02
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 05/11/2022	Date of Completion of Test	: 14/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.10	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	4132	IS 3025 (Part – 14)
4	Turbidity	NTU	0.65	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	2687	IS 3025 (Part-16)
7	TOC	mg/L	6.8	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	724	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	403	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.85	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	876	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	201	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.71	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	0.138	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.24	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.276	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.84	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	180	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

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 0331
	Issue Date :	14/11/2022
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

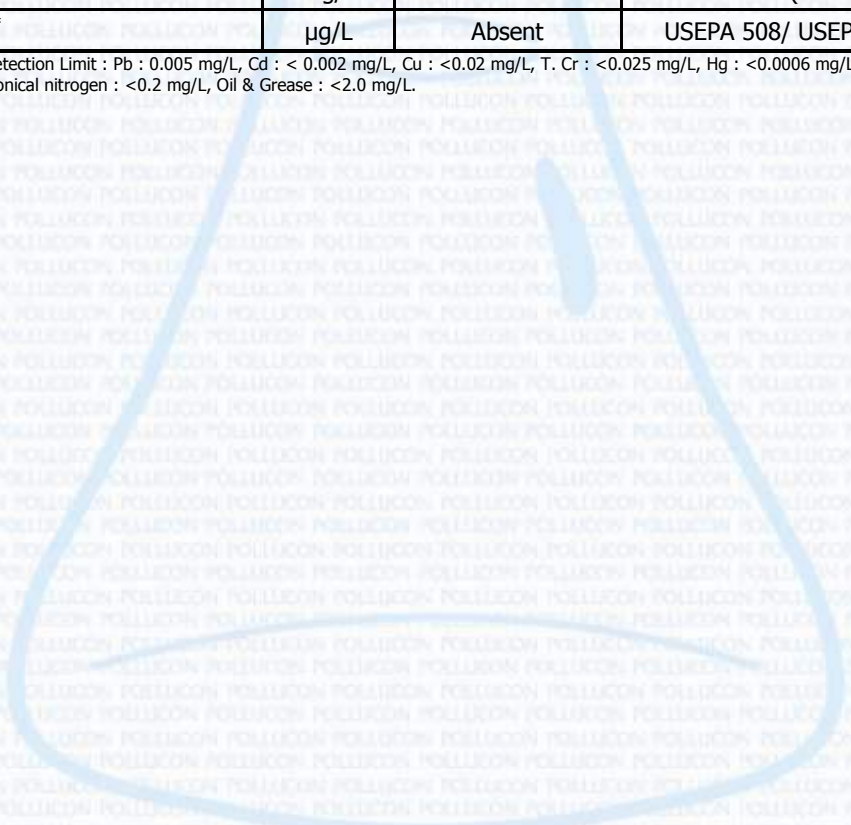
Sampling Location :	EB5 Up Stream
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RESULT TABLE

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	396	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	6.4	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	7.1	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	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 0331 Issue Date : 14/11/2022 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

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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 0332 Issue Date : 14/11/2022 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	: 04/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 05/11/2022	Lab ID.	: BL/2211/03
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 05/11/2022	Date of Completion of Test	: 14/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.46	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2226	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	1447	IS 3025 (Part-16)
7	TOC	mg/L	2.8	APHA (23 rd Edition) 5310 B
8	COD	mg/L	13	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	478	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	337	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.61	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	372	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	180	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	0.136	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.059	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.358	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.54	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	99.6	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

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 0332
	Issue Date : 14/11/2022
	Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022

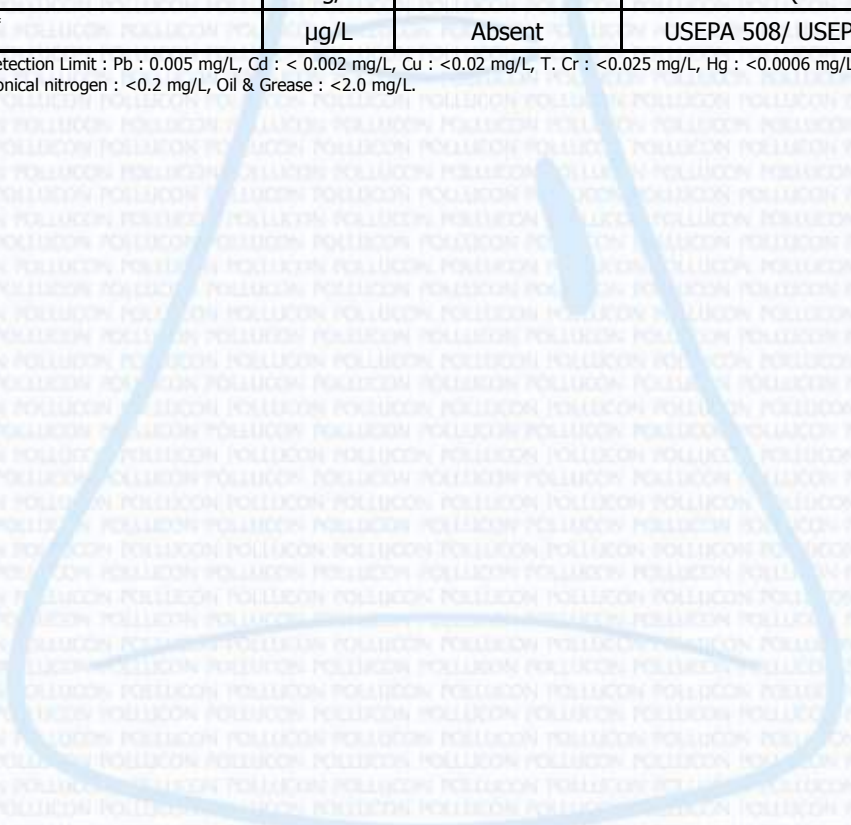
Sampling Location : EB3 Down Stream (New)
--

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	54.96	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	260	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	7.58	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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- OHSAS 18001 : 2007
- ISO 9001 : 2008

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TEST REPORT

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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 0332 Issue Date : 14/11/2022 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	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

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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 0333 Issue Date : 14/11/2022 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	: 04/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 05/11/2022	Lab ID.	: BL/2211/04
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 05/11/2022	Date of Completion of Test	: 14/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.53	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2050	IS 3025 (Part – 14)
4	Turbidity	NTU	0.76	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	1334	IS 3025 (Part-16)
7	TOC	mg/L	4.1	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	386	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	396	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	349	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	205	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	0.348	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.320	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.54	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.784	PHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	46	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

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 0333
	Issue Date : 14/11/2022
	Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022

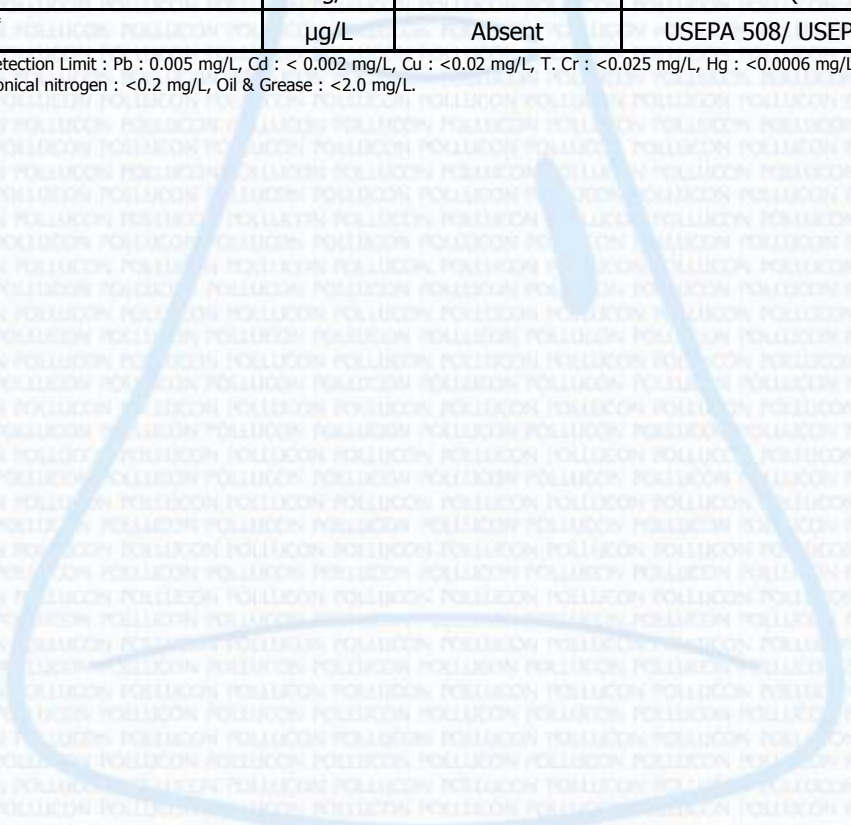
Sampling Location : HB2 Down Stream (New)
--

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	65.04	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	161	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	5.76	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	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



**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 0333 Issue Date : 14/11/2022 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	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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0334 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

Sampling Location	: HB5 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 04/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 05/11/2022	Lab ID.	: BL/2211/05
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 05/11/2022	Date of Completion of Test	: 14/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.68	IS 3025 (Part 11)
2	Colour	Co-pt	5.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2789	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	1815	IS 3025 (Part-16)
7	TOC	mg/L	6.10	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	442	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	408	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	584	APHA (23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	219	APHA (23 rd Edition) 4110 B
14	Nitrate	mg/L	2.08	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	0.094	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.073	APHA (23 rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.087	APHA (23 rd Edition) 3111 B
26	Fluorides as F	mg/L	0.63	APHA (23 rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	102	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

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 0334
	Issue Date : 14/11/2022
	Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022

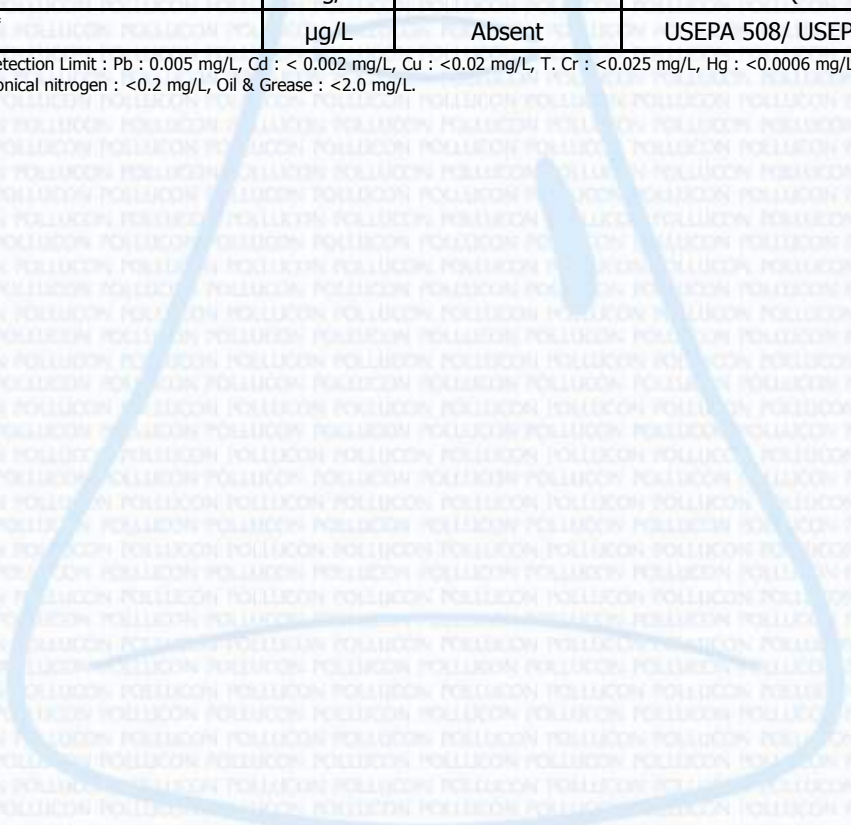
Sampling Location : HB5 Down Stream
--

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	44.88	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	6.35	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.4	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	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 0334 Issue Date : 14/11/2022 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.

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

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 0335 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB4 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 04/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 05/11/2022	Lab ID.	: BL/2211/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 05/11/2022	Date of Completion of Test	: 14/11/2022

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	3037	IS 3025 (Part - 14)
4	Turbidity	NTU	0.48	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	1973	IS 3025 (Part-16)
7	TOC	mg/L	6.87	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	528	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	438	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	3.25	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	512	APHA (23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	230	APHA (23 rd Edition) 4110 B
14	Nitrate	mg/L	1.68	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	0.097	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.086	APHA (23 rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.091	APHA (23 rd Edition) 3111 B
26	Fluorides as F	mg/L	0.57	APHA (23 rd 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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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 0335
	Issue Date :	14/11/2022
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

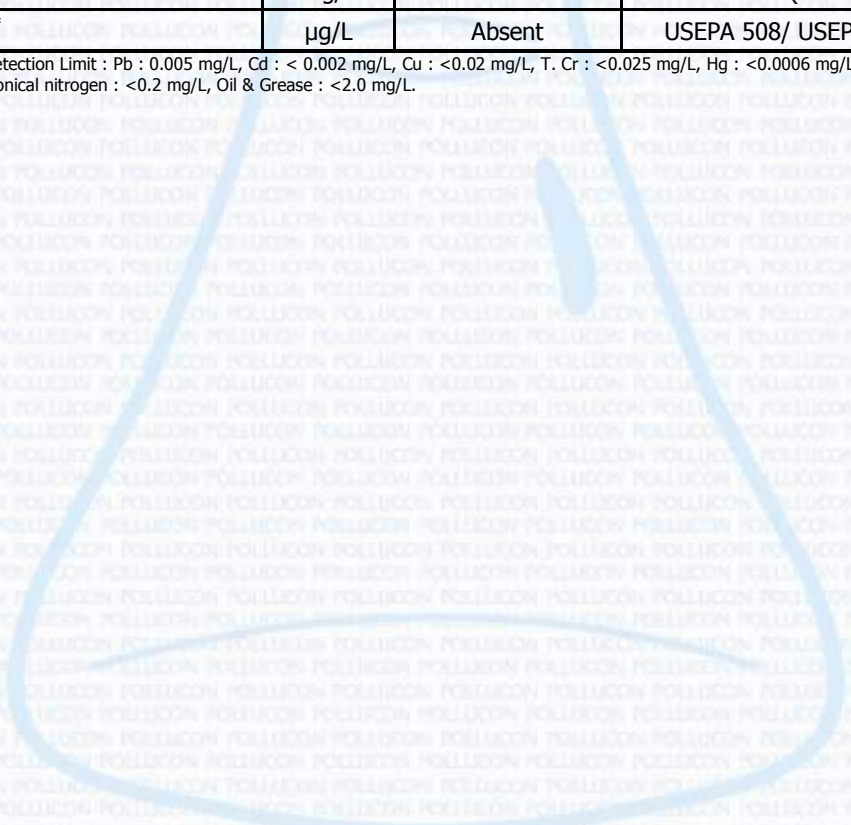
Sampling Location :	HB4 Down Stream
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RESULT TABLE


SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	60.72	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	264	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.87	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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- ISO 9001 : 2008

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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 0335 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB4 Down Stream
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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.


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

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 0336 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

Sampling Location	: HB7 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 04/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 05/11/2022	Lab ID.	: BL/2211/07
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 05/11/2022	Date of Completion of Test	: 14/11/2022

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	5167	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	3356	IS 3025 (Part-16)
7	TOC	mg/L	7.70	APHA (23 rd Edition) 5310 B
8	COD	mg/L	37	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	756	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	413	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	3.28	7IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1112	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	229	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.57	APHA (23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.107	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	0.22	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.578	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	136	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

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 0336
	Issue Date :	14/11/2022
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

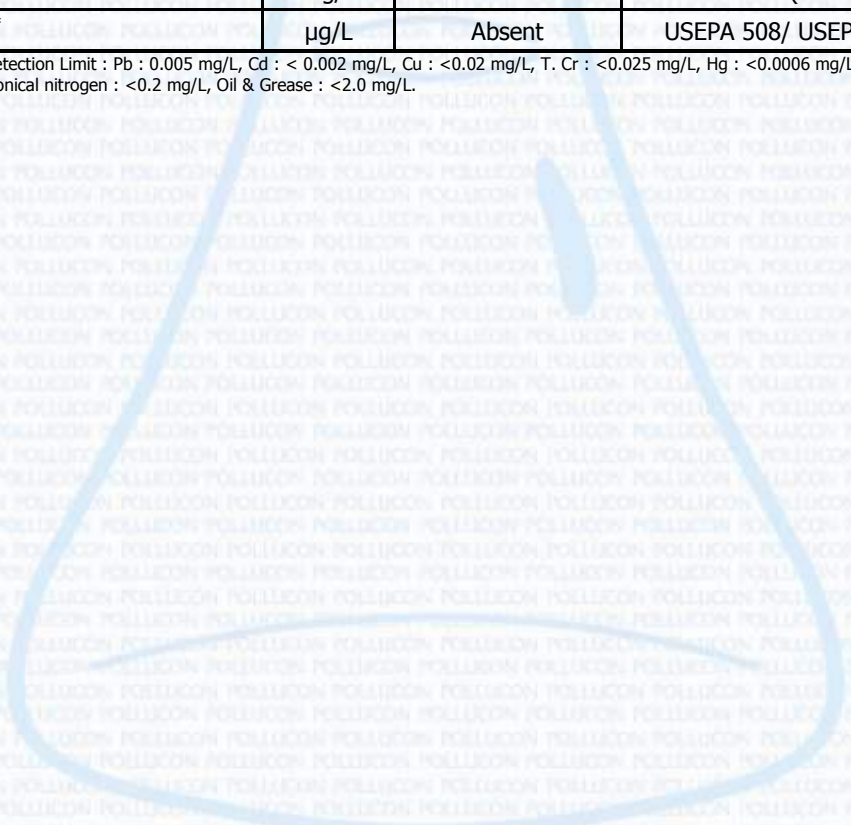
Sampling Location :	HB7 Down Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	99.84	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	6.13	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	7.1	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	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 0336 Issue Date : 14/11/2022 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.

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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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 0337 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: EB9 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 04/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 05/11/2022	Lab ID.	: BL/2211/08
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 05/11/2022	Date of Completion of Test	: 14/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.10	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	5912	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	3845	IS 3025 (Part-16)
7	TOC	mg/L	10.6	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	1628	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	335	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	3.29	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1582	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	217	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	0.096	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	0.071	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.45	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	306	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

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 0337
	Issue Date :	14/11/2022
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

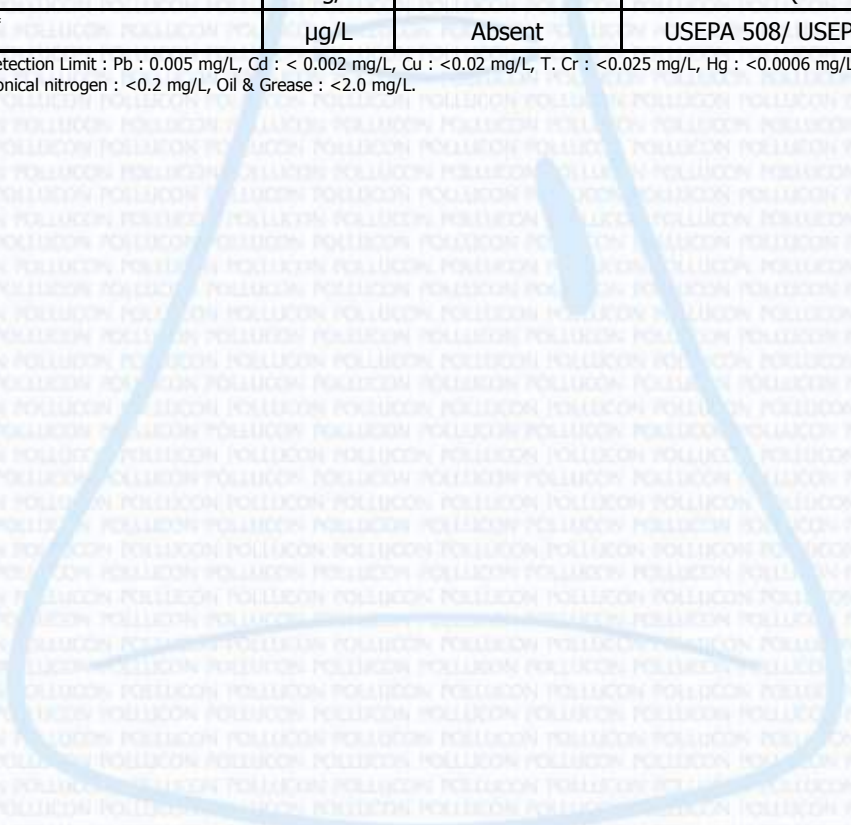
Sampling Location :	EB9 Up Stream
---------------------	----------------------

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	207	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	427	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.86	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	11.5	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



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 0337 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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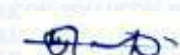
Sampling Location : **EB9 Up Stream**

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.


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 0338 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

Sampling Location	: EB10 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 04/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 05/11/2022	Lab ID.	: BL/2211/09
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 05/11/2022	Date of Completion of Test	: 14/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.01	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	10875	IS 3025 (Part - 14)
4	Turbidity	NTU	5.78	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	11	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	7069	IS 3025 (Part-16)
7	TOC	mg/L	25	APHA (23 rd Edition) 5310 B
8	COD	mg/L	93	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3520	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	307	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	4.16	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	2469	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	245	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.38	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	0.69	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.48	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.52	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	912	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 0338**
Issue Date : **14/11/2022**
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	297	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	364	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	8.13	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


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 0338 Issue Date : 14/11/2022 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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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TEST REPORT

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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 0339 Issue Date : 14/11/2022 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	: 04/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 05/11/2022	Lab ID.	: BL/2211/10
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 05/11/2022	Date of Completion of Test	: 14/11/2022

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	6610	IS 3025 (Part - 14)
4	Turbidity	NTU	4.31	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	4296	IS 3025 (Part-16)
7	TOC	mg/L	2.4	APHA (23 rd Edition) 5310 B
8	COD	mg/L	87	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1896	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	347	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	1315	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	217	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	0.097	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.52	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0105	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.714	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	418	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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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 0339
	Issue Date : 14/11/2022
	Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022

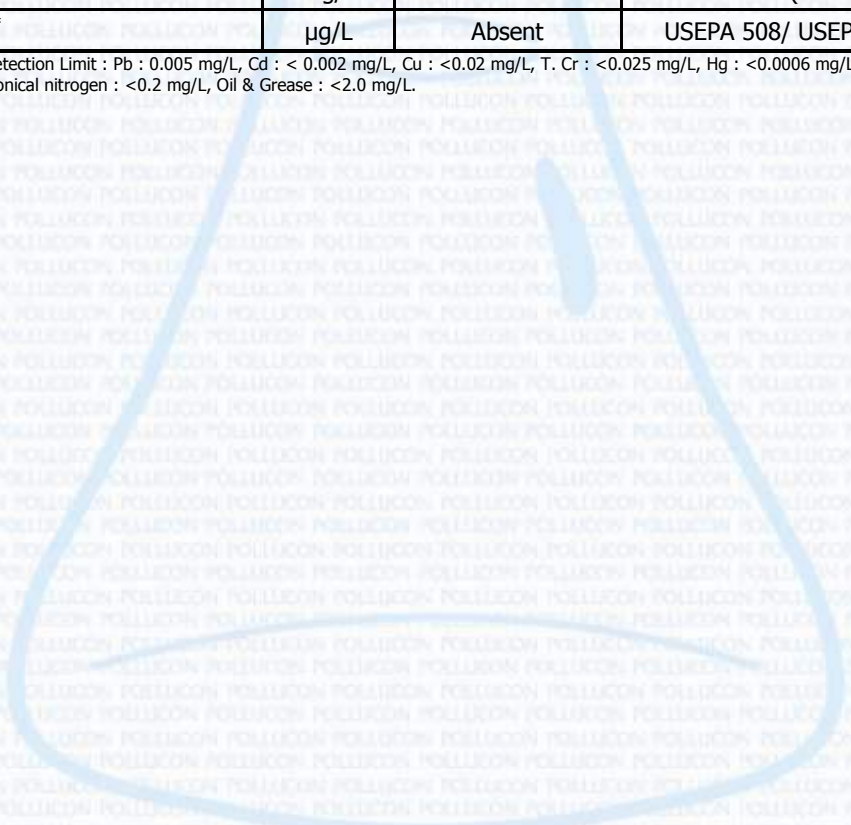
Sampling Location : EB11 Up Stream

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	204	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	5.17	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



**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 0339 Issue Date : 14/11/2022 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.


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: 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 0340 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

Sampling Location	: HB1 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 04/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 05/11/2022	Lab ID.	: BL/2211/11
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 05/11/2022	Date of Completion of Test	: 14/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.13	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	58	IS 3025 (Part - 14)
4	Turbidity	NTU	0.85	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3793	IS 3025 (Part-16)
7	TOC	mg/L	8.1	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	1436	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	350	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	1.97	IS :3025 (Part-34): Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1463	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	197	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	0.084	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	0.55	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.732	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	276	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

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 0340
	Issue Date :	14/11/2022
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

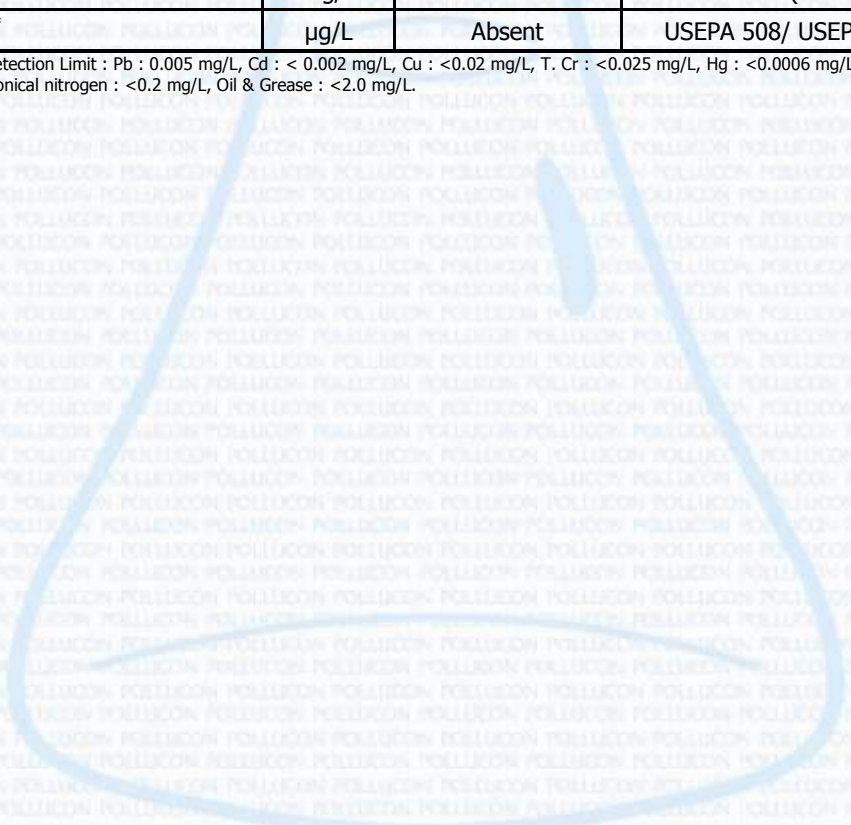
Sampling Location :	HB1 Up Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	179	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	468	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	5.19	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



**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 0340 Issue Date : 14/11/2022 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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0341 Issue Date : 14/11/2022 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	: 04/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 05/11/2022	Lab ID.	: BL/2211/12
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 05/11/2022	Date of Completion of Test	: 14/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.61	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	0.71	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	1937	IS 3025 (Part-16)
7	TOC	mg/L	4.8	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	436	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	441	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.73	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	574	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	203	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.61	APHA (23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.084	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.136	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.398	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.614	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	152	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

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 0341
	Issue Date :	14/11/2022
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

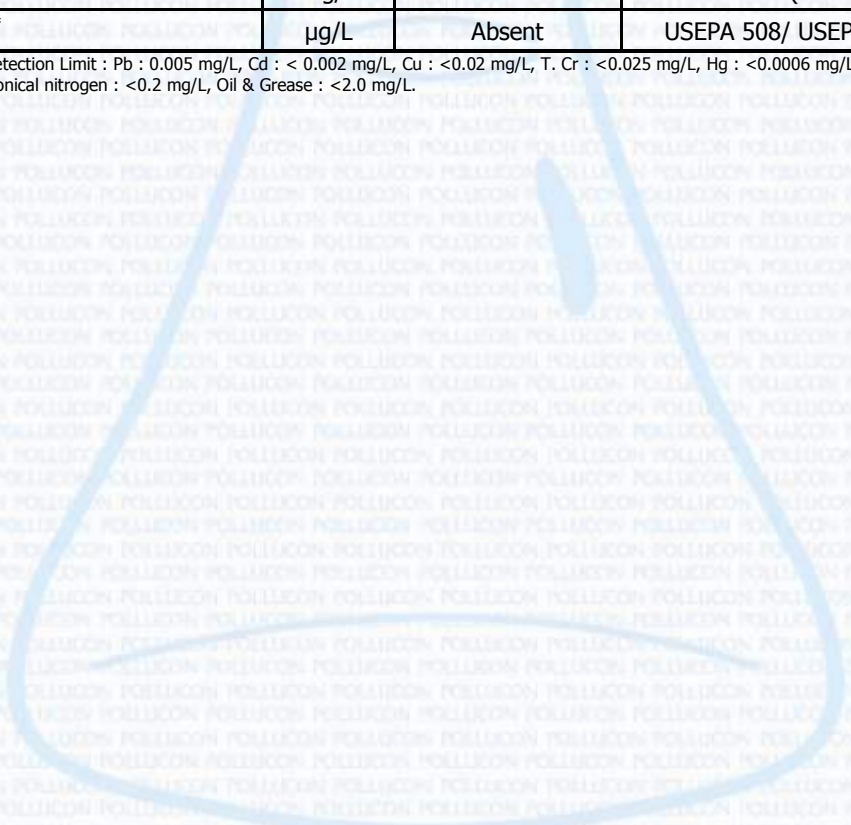
Sampling Location :	HB6 Down Stream
---------------------	------------------------

RESULT TABLE


SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	13.44	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	6.73	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.1	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	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 0341 Issue Date : 14/11/2022 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	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

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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 0342 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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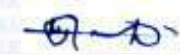
Sampling Location	: GIDC POND		
Description of Sample	: Surface Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 05/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 07/11/2022	Lab ID.	: BL/2211/13
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 07/11/2022	Date of Completion of Test	: 16/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	8.11	IS 3025 (Part – 11) Electrometric Method
2	Colour	Hazen	10	IS 3025 (Part – 4)
3	Conductivity	µmhos/cm	368	IS 3025 (Part – 14)
4	Turbidity	NTU	0.41	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	239	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	125	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	130	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	0.82	IS :3025 (Part-34) Clause 2.3(Reaffirmed)
12	Chlorides as Cl	mg/L	30.99	IS 3025 (Part – 32) Argentometric Method
13	Sulphates as SO ₄	mg/L	15.63	IS 3025 (Part-24)
14	Nitrate	mg/L	0.69	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	0.061	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.073	APHA (23 rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B

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 0342
	Issue Date :	14/11/2022
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

Sampling Location :	GIDC POND
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.356	APHA (23 rd Edition) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	37.2	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	7.68	IS 3025 (Part – 46) EDTA Method
29	Sodium as Na	mg/L	9.13	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	2.17	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.




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 0342**
Issue Date : **14/11/2022**
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.

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

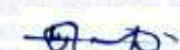
M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0343 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: GNFC POND		
Description of Sample	: Surface Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 05/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 07/11/2022	Lab ID.	: BL/2211/14
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 07/11/2022	Date of Completion of Test	: 16/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	8.02	IS 3025 (Part – 11) Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4)
3	Conductivity	µmhos/cm	368	IS 3025 (Part – 14)
4	Turbidity	NTU	0.25	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	242	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	110	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	105	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	0.68	IS :3025 (Part-34) Clause 2.3(Reaffirmed)
12	Chlorides as Cl	mg/L	37	IS 3025 (Part – 32) Argentometric Method
13	Sulphates as SO ₄	mg/L	19.56	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	0.041	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.078	APHA (23 rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B

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 0343
	Issue Date :	14/11/2022
	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	0.325	APHA (23 rd Edition) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	29.6	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	8.6	IS 3025 (Part – 46) EDTA Method
29	Sodium as Na	mg/L	19.72	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	2.68	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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

- FSSAI Approved Lab
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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

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 0343 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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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	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.


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: 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 0344 Issue Date : 14/11/2022 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	: 05/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 07/11/2022	Lab ID.	: BL/2211/15
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 07/11/2022	Date of Completion of Test	: 16/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.45	IS 3025 (Part – 11) Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4)
3	Conductivity	µmhos/cm	4132	IS 3025 (Part – 14)
4	Turbidity	NTU	0.93	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	2685	IS 3025 (Part-16)
7	TOC	mg/L	8.2	APHA (23 rd Edition) 5310 B
8	COD	mg/L	37	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	914	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	486	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.91	IS :3025 (Part-34) Clause 2.3(Reaffirmed)
12	Chlorides as Cl	mg/L	713	IS 3025 (Part – 32) Argentometric Method
13	Sulphates as SO ₄	mg/L	254	IS 3025 (Part-24)
14	Nitrate	mg/L	1.34	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	0.486	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.156	APHA (23 rd Edition) 3111 B
25	Zinc as Zn	mg/L	0.071	APHA (23 rd Edition) 3111 B

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

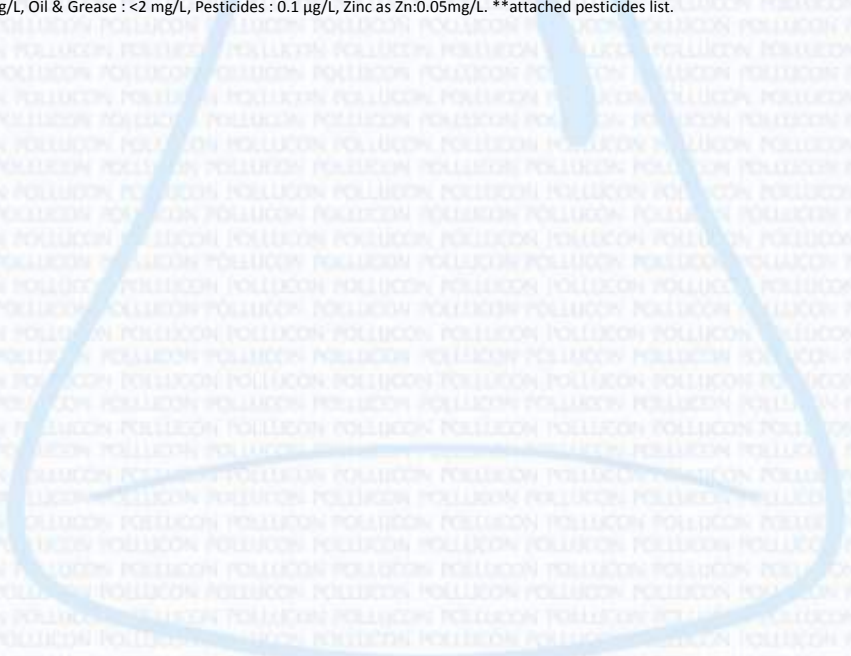
M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0344 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

Sampling Location : **CM Tank**


RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.48	APHA (23 rd Edition) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	186	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	107	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	6.73	APHA (23 rd Edition) 3500 K B/ Flame Photometer
31	BOD	mg/L	9.4	IS 3025 (PART-44)
32	Ammonical Nitrogen	mg/L	0.87	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.




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 0344 Issue Date : 14/11/2022 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.


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 0345 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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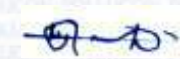
Sampling Location	: Jitali Gram Panchayat		
Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 05/11/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 07/11/2022	Lab ID.	: BL/2211/16
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 07/11/2022	Date of Completion of Test	: 16/11/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.68	IS 3025 (Part – 11) Electrometric Method
2	Colour	Hazen	5.0	IS 3025 (Part – 4)
3	Conductivity	µmhos/cm	2253	IS 3025 (Part – 14)
4	Turbidity	NTU	0.69	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	4.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	1463	IS 3025 (Part-16)
7	TOC	mg/L	3.7	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	540	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	368	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.37	IS :3025 (Part-34) Clause 2.3(Reaffirmed)
12	Chlorides as Cl	mg/L	416	IS 3025 (Part – 32) Argentometric Method
13	Sulphates as SO ₄	mg/L	99.3	IS 3025 (Part-24)
14	Nitrate	mg/L	1.64	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	0.063	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.214	APHA (23 rd Edition) 3111 B
25	Zinc as Zn	mg/L	0.081	APHA (23 rd Edition) 3111 B

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 0346 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location : **Jitali Gram Panchayat**


RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.496	APHA (23 rd Edition) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	112	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	62.4	IS 3025 (Part – 46) EDTA Method
29	Sodium as Na	mg/L	276	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.93	APHA (23 rd Edition) 3500 K B/ Flame Photometer
31	BOD	mg/L	4.1	IS 3025 (PART-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	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, 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.




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 0346 Issue Date : 14/11/2022 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	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.


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: 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 0347 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : Jitali Navinagari
--

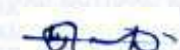
Description of Sample : Ground Water sample Date of Sampling : 05/11/2022 Sampling by : Pollucon Laboratories Pvt. Ltd. Sample Receipt Date : 07/11/2022 Packing/ Seal : Sealed Date of Starting of Test : 07/11/2022	Quantity/No. of Samples : 05 Lit./One Sampling Procedure : IS:3025 Protocol (purpose) : QC/Env. Monitoring Lab ID. : BL/2211/17 Test Parameters : As per table Date of Completion of Test : 16/11/2022
--	---

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.58	IS 3025 (Part – 11) Electrometric Method
2	Colour	Hazen	5.0	IS 3025 (Part – 4)
3	Conductivity	µmhos/cm	2229	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	1448	IS 3025 (Part-16)
7	TOC	mg/L	4.3	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	690	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	403	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.75	IS :3025 (Part-34) Clause 2.3(Reaffirmed)
12	Chlorides as Cl	mg/L	482	IS 3025 (Part – 32) Argentometric Method
13	Sulphates as SO ₄	mg/L	92	IS 3025 (Part-24)
14	Nitrate	mg/L	1.58	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	0.067	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.438	APHA (23 rd Edition) 3111 B
25	Zinc as Zn	mg/L	0.081	APHA (23 rd Edition) 3111 B

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 0347
	Issue Date : 14/11/2022
	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	0.41	APHA (23 rd Edition) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	116	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	96	IS 3025 (Part – 46) EDTA Method
29	Sodium as Na	mg/L	167	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.17	APHA (23 rd Edition) 3500 K B/ Flame Photometer
31	BOD	mg/L	4.9	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 : < 0.004 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.


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 0347 Issue Date : 14/11/2022 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.


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 0358 Issue Date : 14/12/2022 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	192	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	7.14	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	4.7	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

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0358 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

Sampling Location	: EB-4 Up Stream
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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	Chlorpyriphos	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	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 (H CB):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 0359 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: EB5 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 05/12/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 06/12/2022	Lab ID.	: BL/2212/02
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 06/12/2022	Date of Completion of Test	: 14/12/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.02	IS 3025 (Part 11)
2	Colour	Hazen	3.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	4089	IS 3025 (Part - 14)
4	Turbidity	NTU	0.40	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	2618	IS 3025 (Part-16)
7	TOC	mg/L	5.7	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	822	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	376	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.61	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	804	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	198	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.35	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	0.13	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	0.24	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.79	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	168	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.

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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 0359
	Issue Date :	14/12/2022
	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	96.48	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	5.3	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



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 0359 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

Sampling Location	: EB5 Up Stream
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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 0360 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

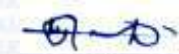
Sampling Location	: EB3 Down Stream (New)		
Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 05/12/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 06/12/2022	Lab ID.	: BL/2212/03
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 06/12/2022	Date of Completion of Test	: 14/12/2022

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	2233	IS 3025 (Part – 14)
4	Turbidity	NTU	0.67	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	1430	IS 3025 (Part-16)
7	TOC	mg/L	3.7	APHA (23 rd Edition) 5310 B
8	COD	mg/L	13	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	452	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	318	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	349	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	187	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.43	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	0.079	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.41	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	77.6	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 0360 Issue Date : 14/12/2022 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	61.92	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	241	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	6.15	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.

**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 0360 Issue Date : 14/12/2022 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	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

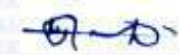
M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0361 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
Sampling Location : HB2 Down Stream (New)	
Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 05/12/2022	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 06/12/2022	Lab ID. : BL/2212/04
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 06/12/2022	Date of Completion of Test : 14/12/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.39	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2056	IS 3025 (Part - 14)
4	Turbidity	NTU	0.52	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	1315	IS 3025 (Part-16)
7	TOC	mg/L	3.5	APHA (23 rd Edition) 5310 B
8	COD	mg/L	12	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	398	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	368	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	328	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	182	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.19	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	0.25	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.39	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.41	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.63	PHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	76.4	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 0361 Issue Date : 14/12/2022 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	49.68	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	143	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.7	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

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 0361 Issue Date : 14/12/2022 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 0362 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB5 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 05/12/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 06/12/2022	Lab ID.	: BL/2212/05
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 06/12/2022	Date of Completion of Test	: 14/12/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.1	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	3013	IS 3025 (Part – 14)
4	Turbidity	NTU	0.59	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	1928	IS 3025 (Part-16)
7	TOC	mg/L	5.40	APHA (23 rd Edition) 5310 B
8	COD	mg/L	18	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	528	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	416	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	513	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	236	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.43	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	0.13	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	0.53	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	71.2	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 0362
	Issue Date :	14/12/2022
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

Sampling Location :	HB5 Down Stream
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RESULT TABLE


SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	76.8	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	4.39	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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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 0362 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

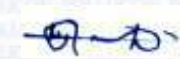
Sampling Location	: HB5 Down Stream
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RESULT TABLE

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 0363 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB4 Down Stream
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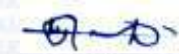
Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 05/12/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 06/12/2022	Lab ID.	: BL/2212/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 06/12/2022	Date of Completion of Test	: 14/12/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.97	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	3259	IS 3025 (Part – 14)
4	Turbidity	NTU	0.56	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	2086	IS 3025 (Part-16)
7	TOC	mg/L	5.3	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	680	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	410	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.76	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	507	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	225	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.56	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	0.12	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	0.084	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	136	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 0363
	Issue Date :	14/12/2022
	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	81.6	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	237	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.18	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.2	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	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 0363 Issue Date : 14/12/2022 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

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0364 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB7 Down Stream
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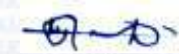
Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 05/12/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 06/12/2022	Lab ID.	: BL/2212/07
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 06/12/2022	Date of Completion of Test	: 14/12/2022

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	4918	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	3148	IS 3025 (Part-16)
7	TOC	mg/L	6.90	APHA (23 rd Edition) 5310 B
8	COD	mg/L	31	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	824	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	356	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.41	7IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	948	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	224	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.43	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	0.075	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	0.45	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	124	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 0364 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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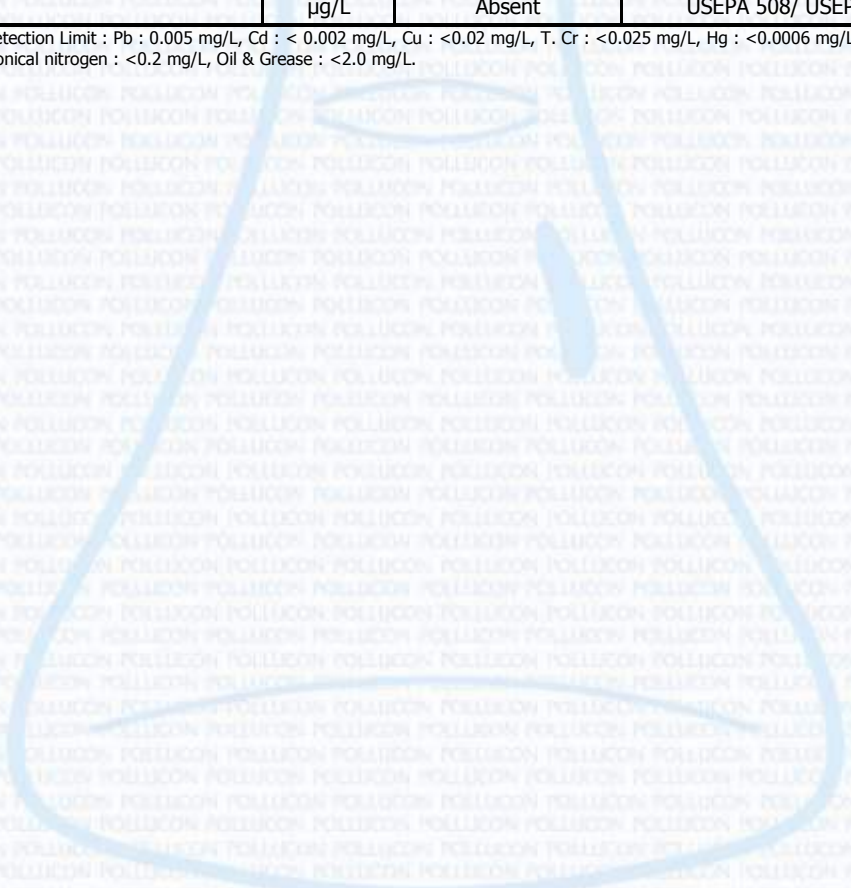
Sampling Location : **HB7 Down Stream**

RESULT TABLE

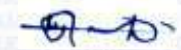
SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	123	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	410	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	5.27	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.2	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	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 0364 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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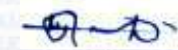
Sampling Location	: HB7 Down Stream
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RESULT TABLE

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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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 0365 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: EB9 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 05/12/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 06/12/2022	Lab ID.	: BL/2212/08
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 06/12/2022	Date of Completion of Test	: 14/12/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.85	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	6481	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	4148	IS 3025 (Part-16)
7	TOC	mg/L	12	APHA (23 rd Edition) 5310 B
8	COD	mg/L	72	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1874	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	314	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.73	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1668	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	220	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	0.11	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.38	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.095	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	393	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 0365 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

Sampling Location	: EB9 Up Stream
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RESULT TABLE


SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	213	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	356	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	6.94	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	10.6	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




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 0365 Issue Date : 14/12/2022 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	
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

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: 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 0366 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **EB10 Up Stream**

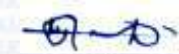
Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 05/12/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 06/12/2022	Lab ID.	: BL/2212/09
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 06/12/2022	Date of Completion of Test	: 14/12/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.73	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	10802	IS 3025 (Part – 14)
4	Turbidity	NTU	4.97	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	6914	IS 3025 (Part-16)
7	TOC	mg/L	17	APHA (23 rd Edition) 5310 B
8	COD	mg/L	81	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3884	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	276	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	3.91	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	2283	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	324	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	0.84	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.56	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.67	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	900	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 0366 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

Sampling Location	: EB10 Up Stream
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RESULT TABLE


SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	248	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	318	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	7.29	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




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 0366 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

Sampling Location	: EB10 Up Stream
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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 0367 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

Sampling Location	: EB11 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 05/12/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 06/12/2022	Lab ID.	: BL/2212/10
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 06/12/2022	Date of Completion of Test	: 14/12/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.89	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	5758	IS 3025 (Part - 14)
4	Turbidity	NTU	5.9	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3685	IS 3025 (Part-16)
7	TOC	mg/L	26	APHA (23 rd Edition) 5310 B
8	COD	mg/L	93	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1516	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	320	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	1168	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	228	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.17	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	0.075	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.40	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.13	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	316	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 0367
	Issue Date :	14/12/2022
	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	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	4.12	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

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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 0367 Issue Date : 14/12/2022 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, 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 0368 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB1 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 05/12/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 06/12/2022	Lab ID.	: BL/2212/11
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 06/12/2022	Date of Completion of Test	: 14/12/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.97	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	6113	IS 3025 (Part – 14)
4	Turbidity	NTU	0.53	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	3912	IS 3025 (Part-16)
7	TOC	mg/L	7.4	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	1520	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	332	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.16	IS :3025 (Part-34): Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1309	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	182	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.39	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	0.097	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	0.39	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	325	IS 3025 (Part – 40) EDTA Titrimetric Method)

0Continue...


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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 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 0368
	Issue Date :	14/12/2022
	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	169	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	420	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.68	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




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 0368 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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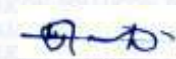
Sampling Location	: HB1 Up Stream
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RESULT TABLE

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 0369 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB6 Down Stream
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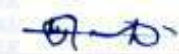
Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 05/12/2022	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 06/12/2022	Lab ID.	: BL/2212/12
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 06/12/2022	Date of Completion of Test	: 14/12/2022

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.13	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2559	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	1638	IS 3025 (Part-16)
7	TOC	mg/L	5.4	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	598	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	410	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.26	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	570	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	193	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.57	APHA (23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.072	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.093	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.28	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.54	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	140	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 0369 Issue Date : 14/12/2022 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	59.52	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	264	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	5.12	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	4.9	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

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 0369 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---


Sampling Location	: HB6 Down Stream
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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	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/23/0005 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location	: EB-4 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/01/2023	Lab ID.	: BL/2301/01
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/01/2023	Date of Completion of Test	: 12/01/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.01	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	5841	IS 3025 (Part - 14)
4	Turbidity	NTU	0.98	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3784	IS 3025 (Part-16)
7	TOC	mg/L	5.0	APHA (23 rd Edition) 5310 B
8	COD	mg/L	25	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1854	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	359	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.41	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1309	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	208	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.23	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	0.093	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	0.44	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	332	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,
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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0005
	Issue Date :	12/01/2023
	Customer's Ref. :	W.O.No. 8522230050
		Dated:21.04.2022

Sampling Location :	EB-4 Up Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	255	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	260	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	5.9	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	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/23/0005 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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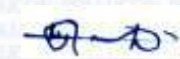
Sampling Location : **EB-4 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED	
34.1	Aldrin	µg/L	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

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :


M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0006 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
Sampling Location : EB5 Up Stream	
Description of Sample : Ground Water sample Quantity/No. of Samples : 05 Lit./One Date of Sampling : 02/01/2023 Sampling Procedure : IS:3025 Sampling by : Pollucon Laboratories Pvt. Ltd. Protocol (purpose) : QC/Env. Monitoring Sample Receipt Date : 03/01/2023 Lab ID. : BL/2301/02 Packing/ Seal : Sealed Test Parameters : As per table Date of Starting of Test : 03/01/2023 Date of Completion of Test : 12/01/2023	

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.03	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	4172	IS 3025 (Part – 14)
4	Turbidity	NTU	0.59	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	2709	IS 3025 (Part-16)
7	TOC	mg/L	4.0	APHA (23 rd Edition) 5310 B
8	COD	mg/L	18	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	836	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	314	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	849	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	202	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.24	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	0.16	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.21	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.20	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.82	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	170	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0006
	Issue Date :	12/01/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

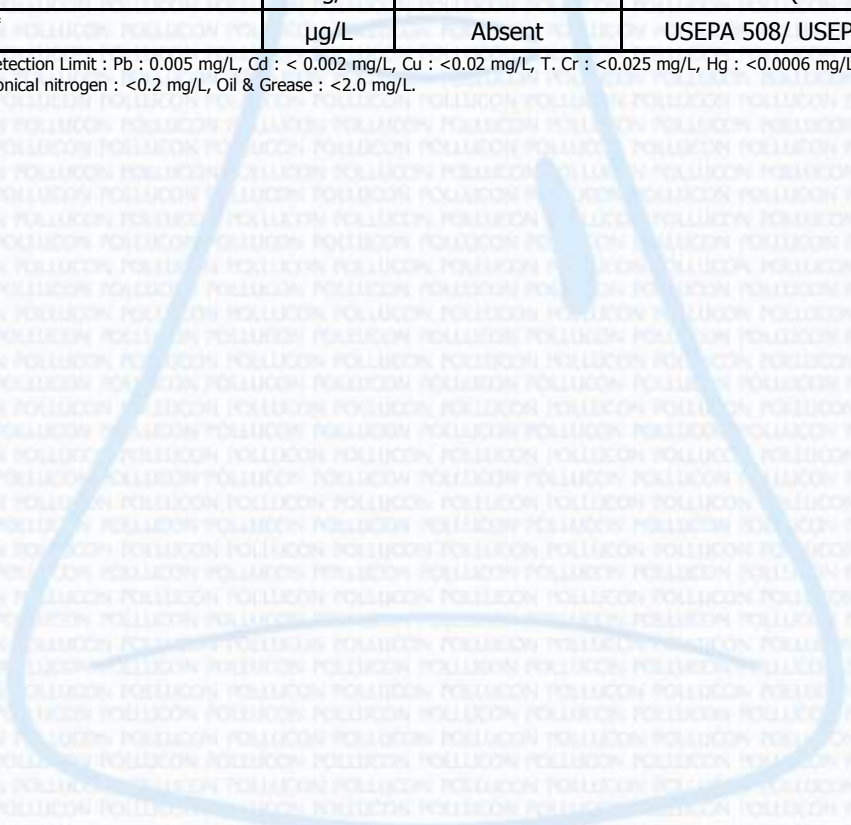
Sampling Location :	EB5 Up Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	98.64	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	372	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	6.2	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	4.3	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

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0006 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **EB5 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED	
34.1	Aldrin	µg/L	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	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,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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0007 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

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

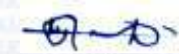
Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/01/2023	Lab ID.	: BL/2301/03
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/01/2023	Date of Completion of Test	: 12/01/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.43	IS 3025 (Part 11)
2	Colour	Hazen	8.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2271	IS 3025 (Part – 14)
4	Turbidity	NTU	0.73	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	1473	IS 3025 (Part-16)
7	TOC	mg/L	3.9	APHA (23 rd Edition) 5310 B
8	COD	mg/L	12	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	478	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	326	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.41	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	368	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	194	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.59	APHA (23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.12	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	0.39	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	97.6	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

Page: 2 of 3

Customer's Name and Address :

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	Issue Date :	12/01/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

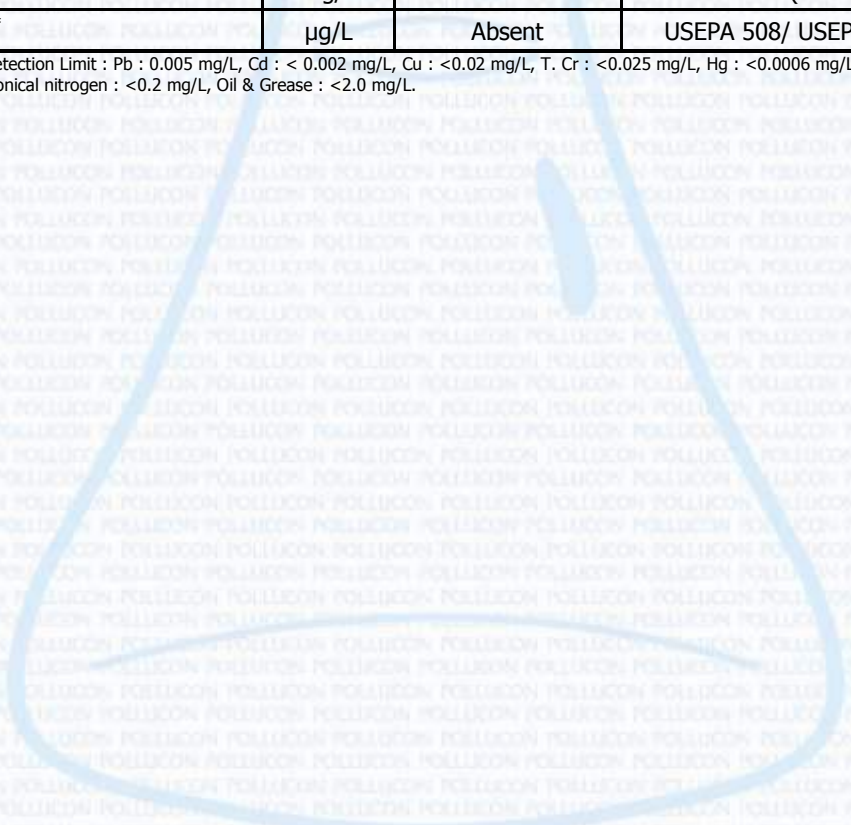
Sampling Location : **EB3 Down Stream (New)**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	56.16	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	5.29	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	3.6	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



**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

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0007 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location : **EB3 Down Stream (New)**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED	
34.1	Aldrin	µg/L	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	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,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.


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/23/0008 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--


Sampling Location : HB2 Down Stream (New)	
Description of Sample : Ground Water sample	Quantity/No. of Samples : 05 Lit./One
Date of Sampling : 02/01/2023	Sampling Procedure : IS:3025
Sampling by : Pollucon Laboratories Pvt. Ltd.	Protocol (purpose) : QC/Env. Monitoring
Sample Receipt Date : 03/01/2023	Lab ID. : BL/2301/04
Packing/ Seal : Sealed	Test Parameters : As per table
Date of Starting of Test : 03/01/2023	Date of Completion of Test : 12/01/2023

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	2109	IS 3025 (Part - 14)
4	Turbidity	NTU	0.8	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	1368	IS 3025 (Part-16)
7	TOC	mg/L	4.2	APHA (23 rd Edition) 5310 B
8	COD	mg/L	12	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	416	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	378	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.14	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	339	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	197	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	0.29	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	0.52	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.72	PHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	82	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0008
	Issue Date : 12/01/2023
	Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022

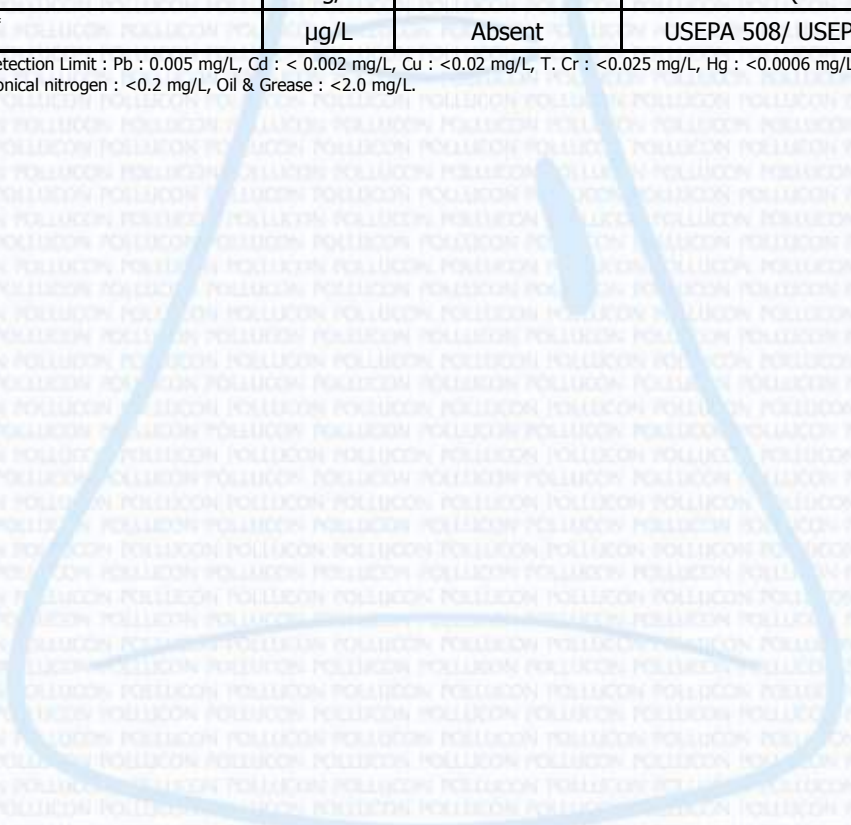
Sampling Location : HB2 Down Stream (New)
--

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	50.64	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	153	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.98	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	4.75	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/23/0008 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--


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

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED	
34.1	Aldrin	µg/L	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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0009 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location	: HB5 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/01/2023	Lab ID.	: BL/2301/05
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/01/2023	Date of Completion of Test	: 12/01/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.15	IS 3025 (Part 11)
2	Colour	Hazen	8.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2823	IS 3025 (Part - 14)
4	Turbidity	NTU	0.95	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	1832	IS 3025 (Part-16)
7	TOC	mg/L	5.0	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	532	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	402	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.06	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	480	APHA(23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	224	APHA (23 rd Edition) 4110 B
14	Nitrate	mg/L	1.69	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	0.071	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.098	APHA (23 rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.085	APHA (23 rd Edition) 3111 B
26	Fluorides as F	mg/L	0.62	APHA(23 rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	82.4	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0009
	Issue Date :	12/01/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

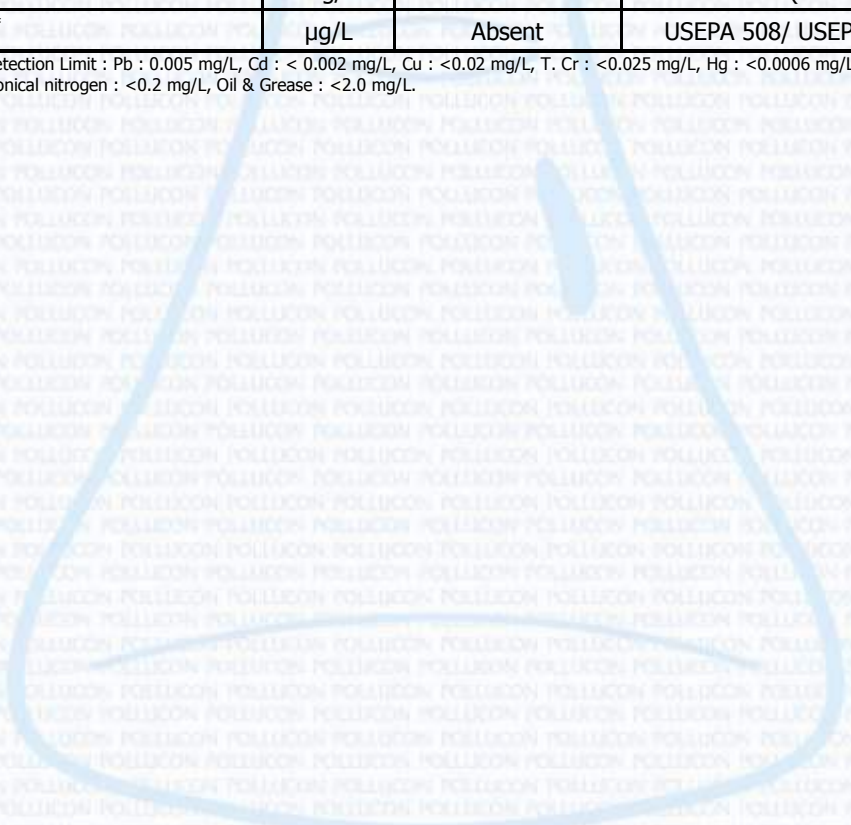
Sampling Location :	HB5 Down Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	78.24	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	301	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.95	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

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0009 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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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	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.


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

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0010 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location	: HB4 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/01/2023	Lab ID.	: BL/2301/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/01/2023	Date of Completion of Test	: 12/01/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.97	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	3164	IS 3025 (Part - 14)
4	Turbidity	NTU	0.29	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	2058	IS 3025 (Part-16)
7	TOC	mg/L	6.1	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	684	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	372	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.61	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	539	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	204	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.43	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	0.14	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.12	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.097	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	130	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0010
	Issue Date :	12/01/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

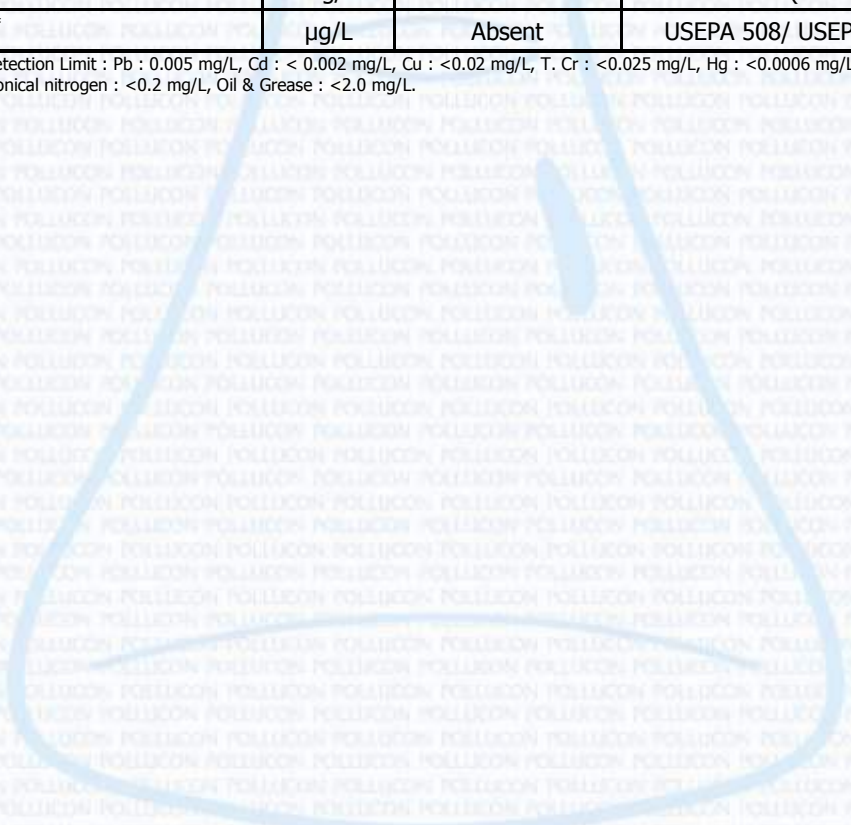
Sampling Location :	HB4 Down Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	85.92	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	208	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.52	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



**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

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0010 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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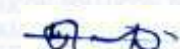
Sampling Location : **HB4 Down Stream**

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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0011 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **HB7 Down Stream**


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/01/2023	Lab ID.	: BL/2301/07
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/01/2023	Date of Completion of Test	: 12/01/2023

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	4871	IS 3025 (Part - 14)
4	Turbidity	NTU	0.43	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3166	IS 3025 (Part-16)
7	TOC	mg/L	6.52	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	812	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	374	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.95	7IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	968	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	226	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.39	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	0.13	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	0.23	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	176	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0011
	Issue Date : 12/01/2023
	Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022

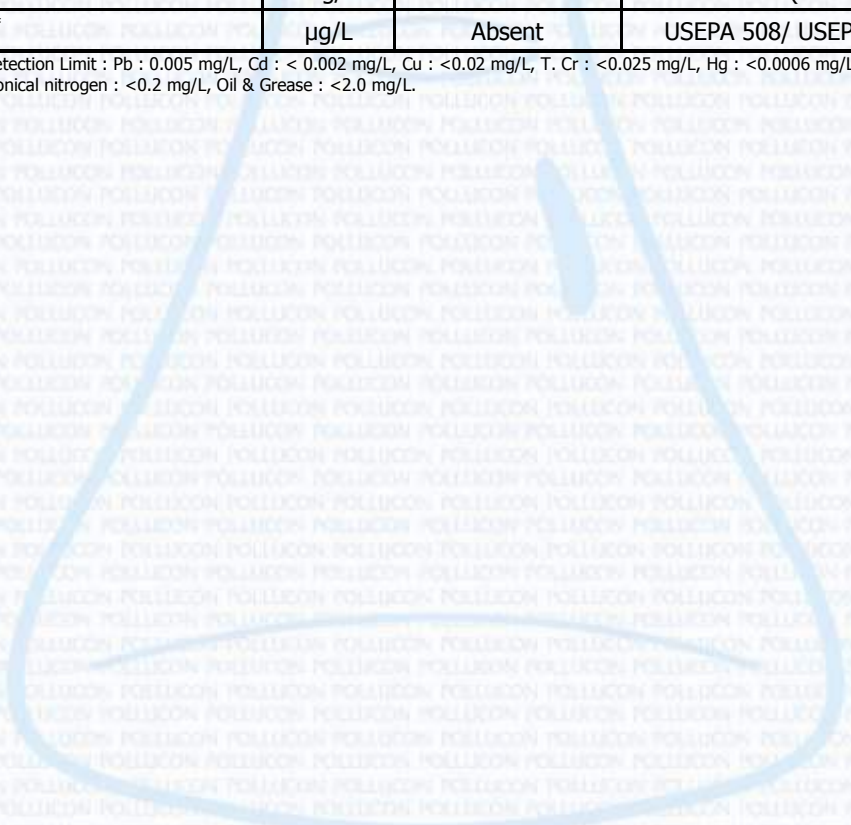
Sampling Location : HB7 Down Stream
--

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	89.28	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	356	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.78	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



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/23/0011 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--


Sampling Location : **HB7 Down Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/L	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

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0012 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location	: EB9 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/01/2023	Lab ID.	: BL/2301/08
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/01/2023	Date of Completion of Test	: 12/01/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.89	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	6357	IS 3025 (Part - 14)
4	Turbidity	NTU	0.81	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	4132	IS 3025 (Part-16)
7	TOC	mg/L	15	APHA (23 rd Edition) 5310 B
8	COD	mg/L	75	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1856	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	305	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	1612	APHA(23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	213	APHA(23 rd Edition) 4110 B
14	Nitrate	mg/L	1.45	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	0.087	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.35	APHA (23 rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.073	APHA (23 rd Edition) 3111 B
26	Fluorides as F	mg/L	0.51	APHA(23 rd 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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0012
	Issue Date :	12/01/2023
	Customer's Ref. :	W.O.No. 8522230050
		Dated:21.04.2022

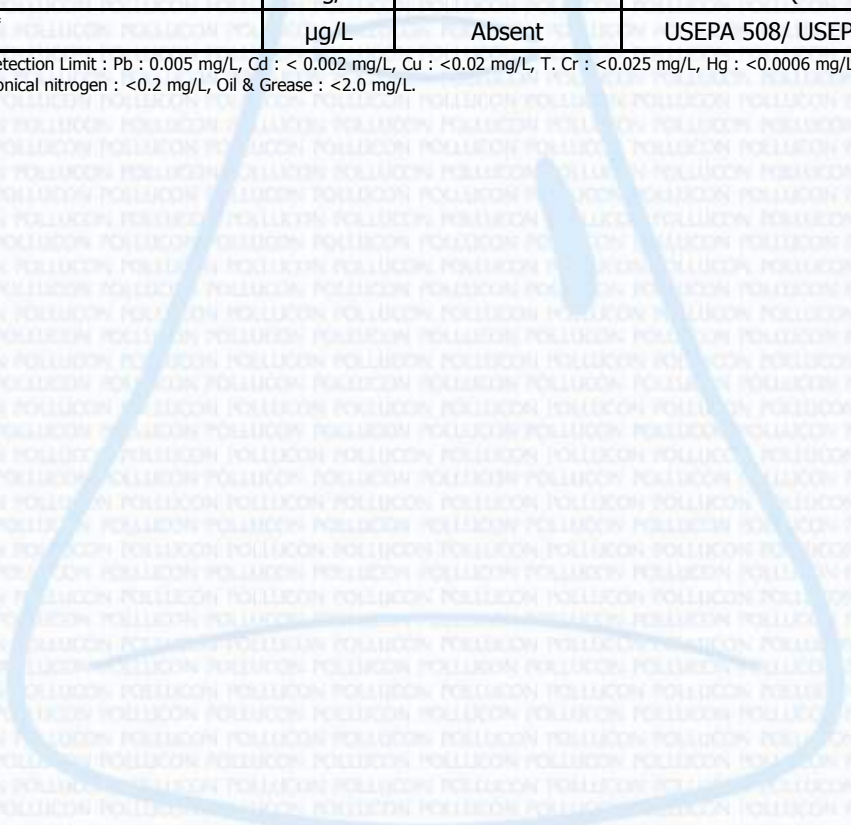
Sampling Location :	EB9 Up Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	227	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	408	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.98	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	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



**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/23/0012 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--


Sampling Location	: EB9 Up Stream
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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	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,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, 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

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0013 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **EB10 Up Stream**


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/01/2023	Lab ID.	: BL/2301/09
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/01/2023	Date of Completion of Test	: 12/01/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.09	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	10721	IS 3025 (Part – 14)
4	Turbidity	NTU	4.20	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	6971	IS 3025 (Part-16)
7	TOC	mg/L	21	APHA (23 rd Edition) 5310 B
8	COD	mg/L	88	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	3860	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	305	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	4.02	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	2274	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	318	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.15	APHA (23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.73	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.41	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.52	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	892	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0013
	Issue Date :	12/01/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

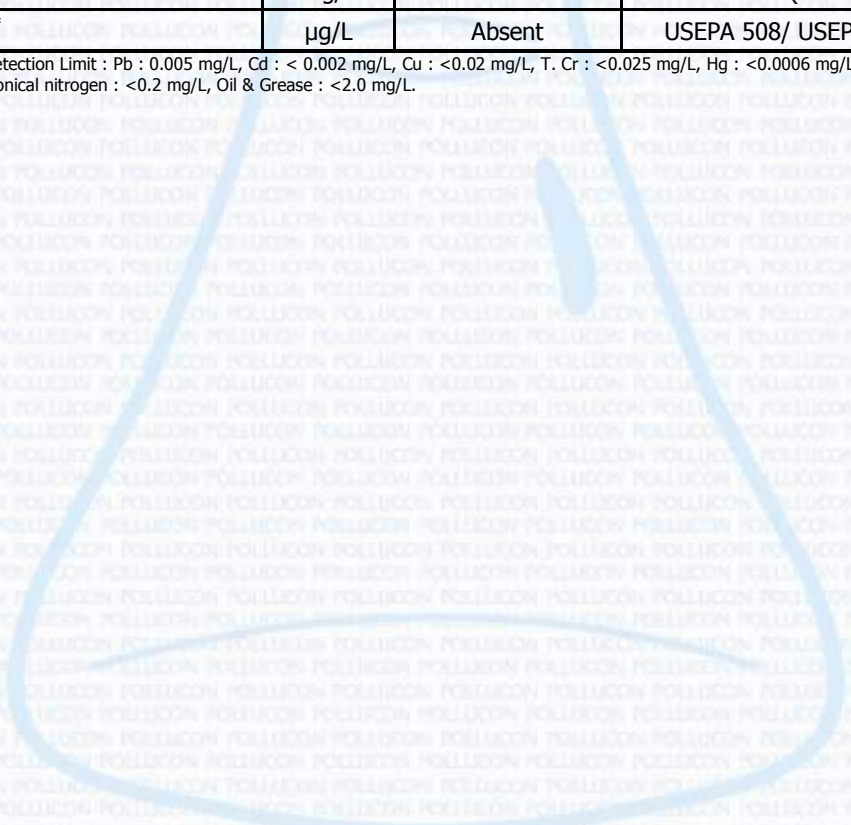
Sampling Location :	EB10 Up Stream
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RESULT TABLE


SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	391	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	8.94	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.

**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/23/0013 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--


Sampling Location : **EB10 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED	
34.1	Aldrin	µg/L	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	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,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.


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.**

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0014 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **EB11 Up Stream**


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/01/2023	Lab ID.	: BL/2301/10
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/01/2023	Date of Completion of Test	: 12/01/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.99	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	5833	IS 3025 (Part – 14)
4	Turbidity	NTU	3.73	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	3792	IS 3025 (Part-16)
7	TOC	mg/L	17	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	1606	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	332	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.54	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1170	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	268	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.3	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	0.39	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	0.75	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	332	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0014
	Issue Date :	12/01/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

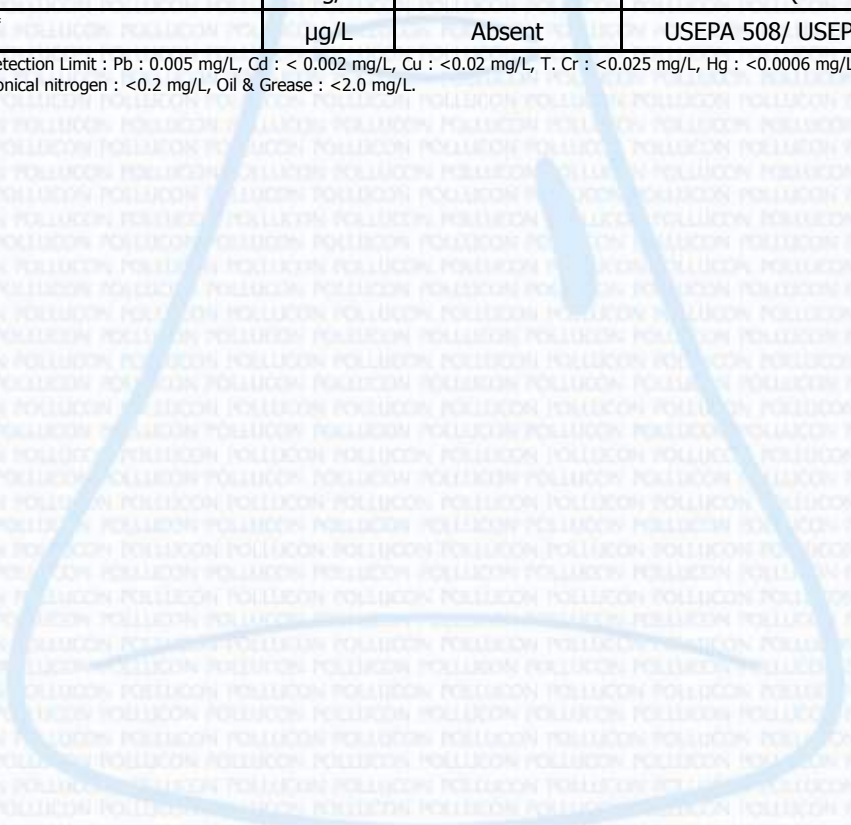
Sampling Location :	EB11 Up Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	186	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	329	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	5.94	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	17.4	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



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/23/0014 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--


Sampling Location	: EB11 Up Stream
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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	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,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.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0015 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

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


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/01/2023	Lab ID.	: BL/2301/11
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/01/2023	Date of Completion of Test	: 12/01/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.95	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	6074	IS 3025 (Part – 14)
4	Turbidity	NTU	0.74	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	3946	IS 3025 (Part-16)
7	TOC	mg/L	7.00	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	1542	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	310	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.06	IS :3025 (Part-34): Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1509	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	216	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	0.081	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	0.48	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	304	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0015
	Issue Date :	12/01/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

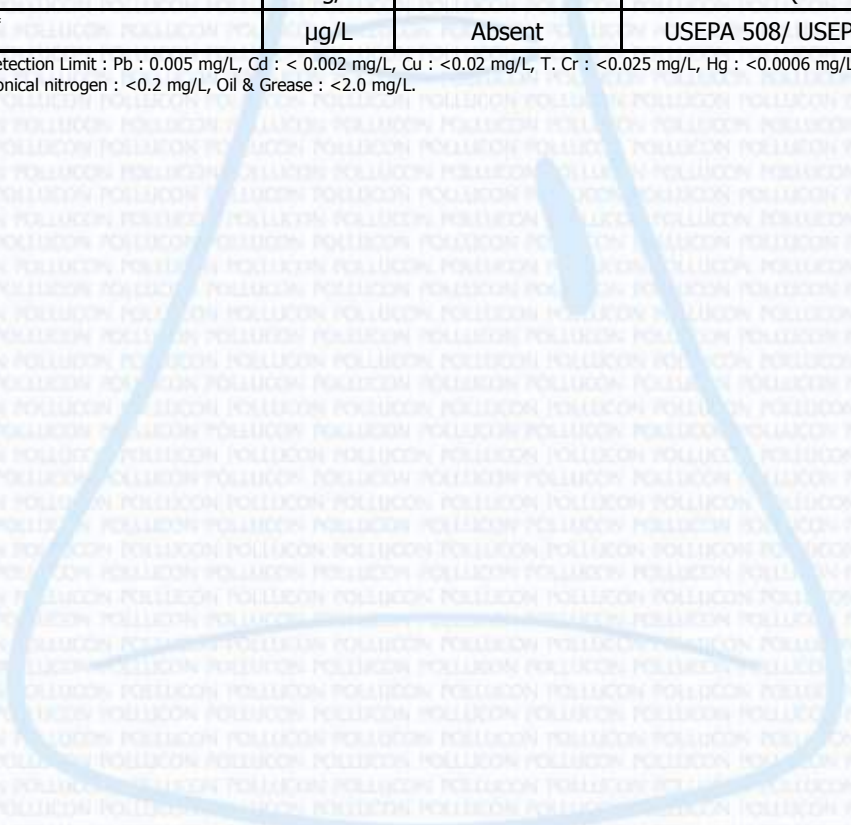
Sampling Location :	HB1 Up Stream
---------------------	----------------------

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	188	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	437	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.68	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	7.2	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	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/23/0015 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

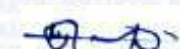
Sampling Location : **HB1 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED	
34.1	Aldrin	µg/L	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	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,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.


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/23/0016 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location	: HB6 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 02/01/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 03/01/2023	Lab ID.	: BL/2301/12
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/01/2023	Date of Completion of Test	: 12/01/2023

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	3286	IS 3025 (Part – 14)
4	Turbidity	NTU	0.74	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	2135	IS 3025 (Part-16)
7	TOC	mg/L	6.2	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	632	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	592	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.31	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	584	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	238	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	0.093	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	0.37	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	168	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0016
	Issue Date :	12/01/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

Sampling Location :	HB6 Down Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	50.88	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	416	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.86	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



**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/23/0016 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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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.


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/23/0026 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: EB-4 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 06/02/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 07/02/2023	Lab ID.	: BL/2302/01
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 07/02/2023	Date of Completion of Test	: 16/02/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.78	IS 3025 (Part 11)
2	Colour	Co-pt	15	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	6079	IS 3025 (Part - 14)
4	Turbidity	NTU	1.23	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3870	IS 3025 (Part-16)
7	TOC	mg/L	6.0	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	1890	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	370	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.26	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1634	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	274	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.41	APHA (23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.103	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.124	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.64	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	352	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0026
	Issue Date :	16/02/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

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

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	232	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	314	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.81	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	7.8	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list



**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/23/0026 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--


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

RESULT TABLE

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

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


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/23/0027 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location	: EB5 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 06/02/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 07/02/2023	Lab ID.	: BL/2302/02
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 07/02/2023	Date of Completion of Test	: 16/02/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.12	IS 3025 (Part 11)
2	Colour	Hazen	6.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	4456	IS 3025 (Part - 14)
4	Turbidity	NTU	0.63	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	2279	IS 3025 (Part-16)
7	TOC	mg/L	0.89	APHA (23 rd Edition) 5310 B
8	COD	mg/L	16.2	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	924	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	356	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.61	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	904	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	213	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	0.192	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.15	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.95	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	181	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0027
	Issue Date :	16/02/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

Sampling Location :	EB5 Up Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	113	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	403	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	5.83	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	7.2	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list



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

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

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

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Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0027 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--


Sampling Location : **EB5 Up Stream**

RESULT TABLE

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

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


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

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0028 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location	: EB3 Down Stream (New)
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 06/02/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 07/02/2023	Lab ID.	: BL/2302/03
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 07/02/2023	Date of Completion of Test	: 16/02/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.51	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2243	IS 3025 (Part - 14)
4	Turbidity	NTU	0.74	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	1443	IS 3025 (Part-16)
7	TOC	mg/L	1.23	APHA (23 rd Edition) 5310 B
8	COD	mg/L	11.6	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	496	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	332	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	350	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	226	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	0.148	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.093	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	0.81	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	75.6	IS 3025 (Part - 40) EDTA Titrimetric Method)

Continue...


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 REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0028
	Issue Date :	16/02/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

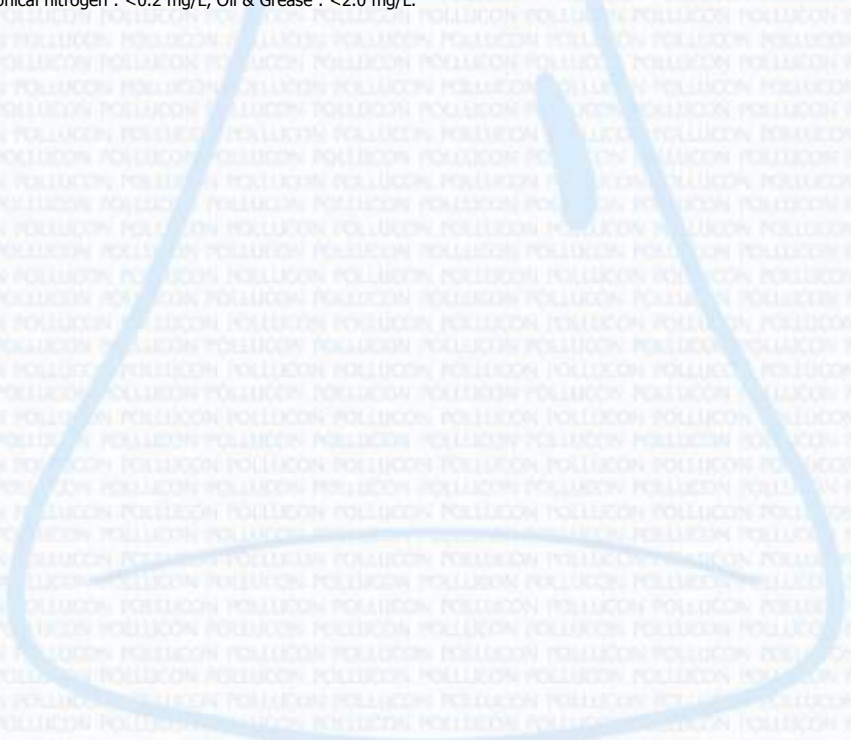
Sampling Location :	EB3 Down Stream (New)
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	73.68	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	221	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	5.23	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	4.3	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	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list



**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/23/0028 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

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

RESULT TABLE

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

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

[Signature]
Dr. Arun Bajpai
Lab Manager(Q)

[Signature]
H. T. Shah
Lab. Manager

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

TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0029 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

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


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 06/02/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 07/02/2023	Lab ID.	: BL/2302/04
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 07/02/2023	Date of Completion of Test	: 16/02/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.23	IS 3025 (Part 11)
2	Colour	Hazen	4.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2296	IS 3025 (Part – 14)
4	Turbidity	NTU	0.97	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	1438	IS 3025 (Part-16)
7	TOC	mg/L	1.52	APHA (23 rd Edition) 5310 B
8	COD	mg/L	13	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	402	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	356	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	349	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	296	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	0.312	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.15	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.69	PHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	68	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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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0029
	Issue Date :	16/02/2023
	Customer's Ref. :	W.O.No. 8522230050
		Dated:21.04.2022

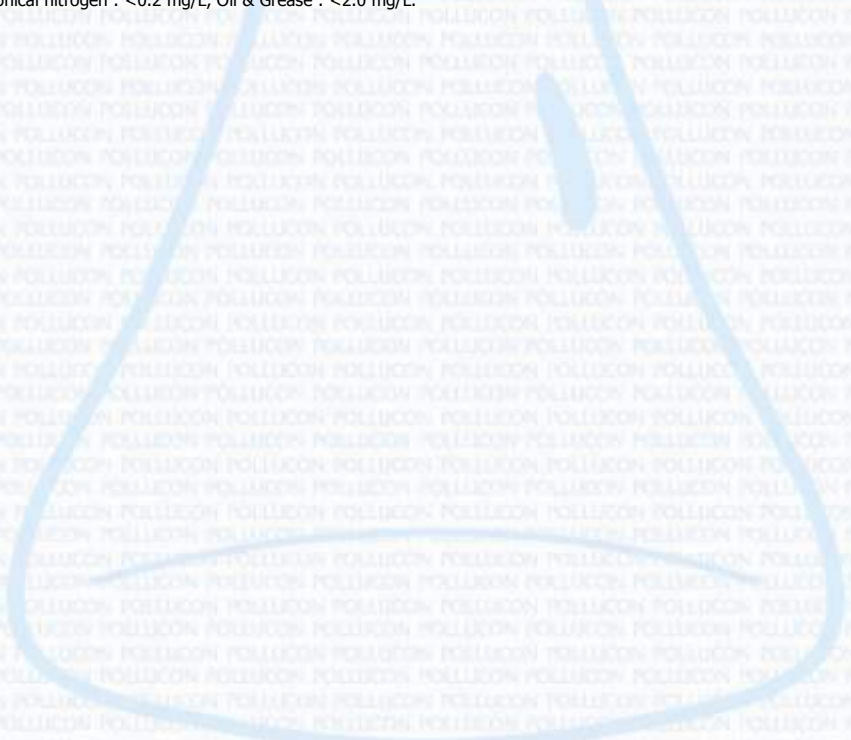
Sampling Location :	HB2 Down Stream (New)
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	55.68	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	170	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	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	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list



**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/23/0029 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--


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

RESULT TABLE

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

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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0030 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location	: HB5 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 06/02/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 07/02/2023	Lab ID.	: BL/2302/05
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 07/02/2023	Date of Completion of Test	: 16/02/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.09	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	3152	IS 3025 (Part – 14)
4	Turbidity	NTU	0.53	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	2023	IS 3025 (Part-16)
7	TOC	mg/L	4.1	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	668	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	410	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	589	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	241	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	0.095	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.126	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	0.57	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	122	IS 3025 (Part – 40) EDTA Titrimetric Method)

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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

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



TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0030
	Issue Date :	16/02/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

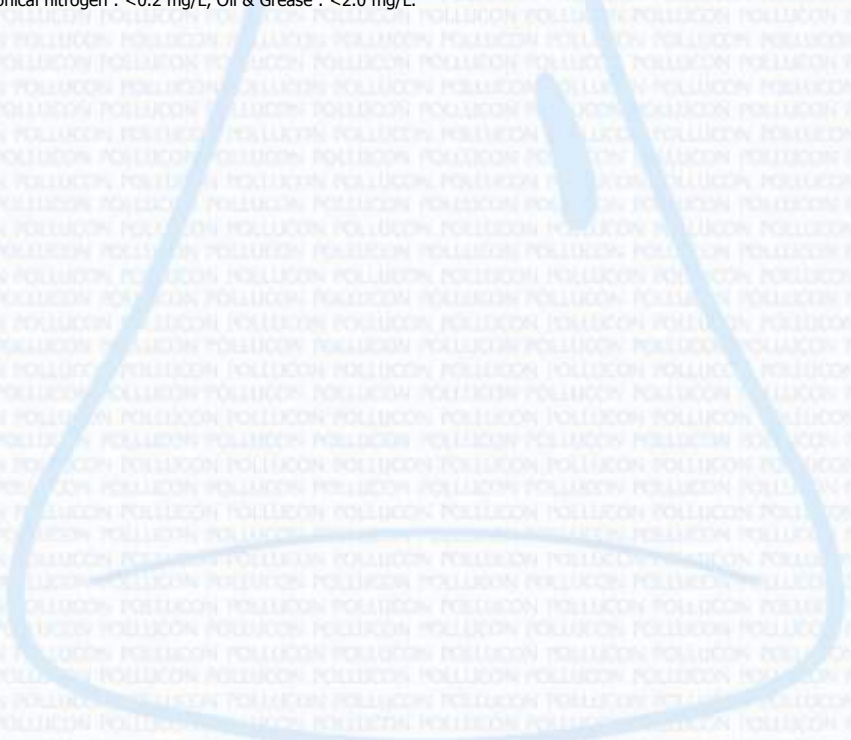
Sampling Location :	HB5 Down Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	87.12	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	379	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	5.93	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.6	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list



**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/23/0030 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **HB5 Down Stream**

RESULT TABLE

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

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


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/23/0031 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location	: HB4 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 06/02/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 07/02/2023	Lab ID.	: BL/2302/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 07/02/2023	Date of Completion of Test	: 16/02/2023

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	3246	IS 3025 (Part – 14)
4	Turbidity	NTU	0.42	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	2079	IS 3025 (Part-16)
7	TOC	mg/L	5.4	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	632	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	396	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.81	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	579	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	231	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.69	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	0.093	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.184	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.684	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	140	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0031
	Issue Date :	16/02/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

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

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	67.68	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	294	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	7.28	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	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list



**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/23/0031 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

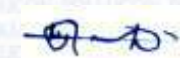
Sampling Location : **HB4 Down Stream**

RESULT TABLE

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

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


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0032 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB7 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 06/02/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 07/02/2023	Lab ID.	: BL/2302/07
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 07/02/2023	Date of Completion of Test	: 16/02/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.02	IS 3025 (Part 11)
2	Colour	Co-pt	15	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	4875	IS 3025 (Part – 14)
4	Turbidity	NTU	0.37	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	2955	IS 3025 (Part-16)
7	TOC	mg/L	4.06	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	736	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	402	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.79	7IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	835	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	361	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	0.092	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.132	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.614	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	142	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0032
	Issue Date :	16/02/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

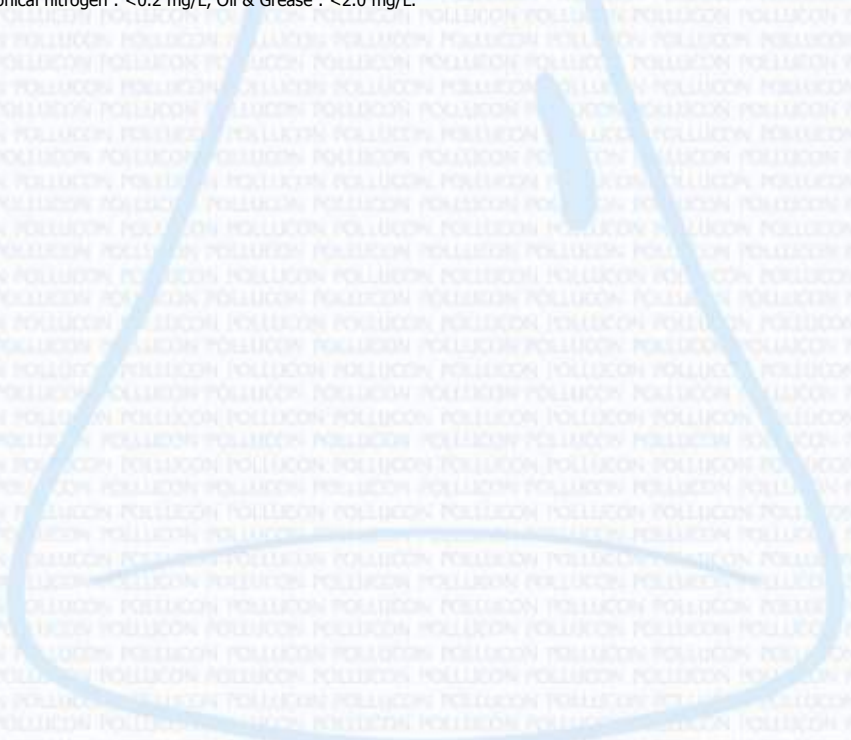
Sampling Location :	HB7 Down Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	91.44	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	486	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.21	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	9.4	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list



**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/23/0032 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--


Sampling Location : **HB7 Down Stream**

RESULT TABLE

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

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


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

Page: 1 of 3

Customer's Name and Address :


M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0033 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
Sampling Location : EB9 Up Stream	
Description of Sample : Ground Water sample Quantity/No. of Samples : 05 Lit./One Date of Sampling : 06/02/2023 Sampling Procedure : IS:3025 Sampling by : Pollucon Laboratories Pvt. Ltd. Protocol (purpose) : QC/Env. Monitoring Sample Receipt Date : 07/02/2023 Lab ID. : BL/2302/08 Packing/ Seal : Sealed Test Parameters : As per table Date of Starting of Test : 07/02/2023 Date of Completion of Test : 16/02/2023	

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.89	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	7472	IS 3025 (Part – 14)
4	Turbidity	NTU	1.06	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	4799	IS 3025 (Part-16)
7	TOC	mg/L	12	APHA (23 rd Edition) 5310 B
8	COD	mg/L	84	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1986	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	324	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.69	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	2149	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	237	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.68	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	0.136	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.11	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.612	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	384	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0033
	Issue Date :	16/02/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

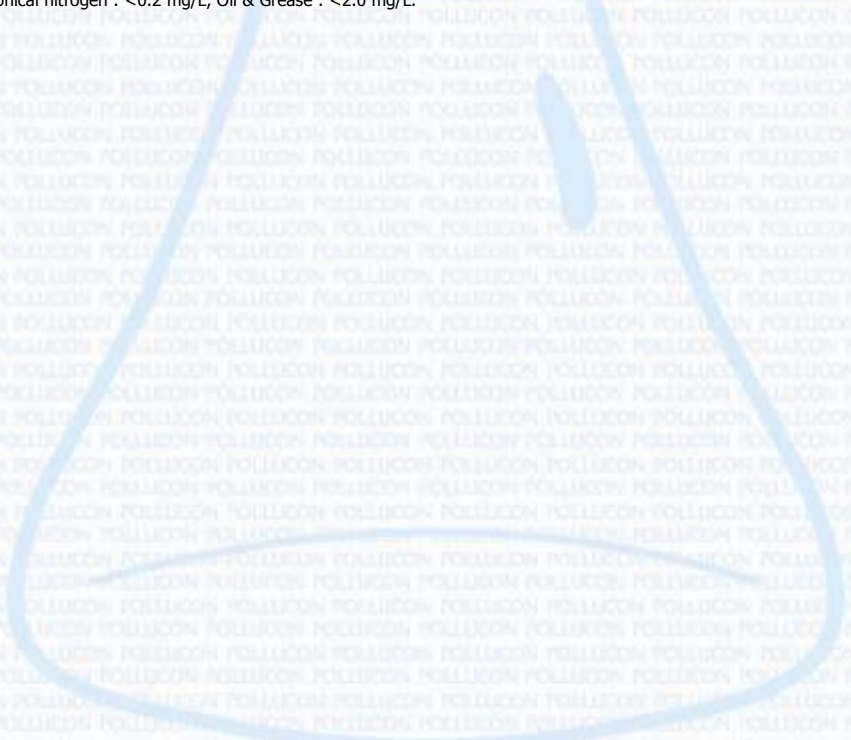
Sampling Location :	EB9 Up Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	246	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	678	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	7.23	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	18	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list



**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/23/0033 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--


Sampling Location : **EB9 Up Stream**

RESULT TABLE

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

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


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/23/0034 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--


Sampling Location	: EB10 Up Stream		
Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 06/02/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 07/02/2023	Lab ID.	: BL/2302/09
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 07/02/2023	Date of Completion of Test	: 16/02/2023

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	3429	IS 3025 (Part – 14)
4	Turbidity	NTU	0.35	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	2143	IS 3025 (Part-16)
7	TOC	mg/L	5.1	APHA (23 rd Edition) 5310 B
8	COD	mg/L	16.2	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	642	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	113	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.32	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	769	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	223	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.14	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	0.024	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.13	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.21	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	108	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0034
	Issue Date : 16/02/2023
	Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022

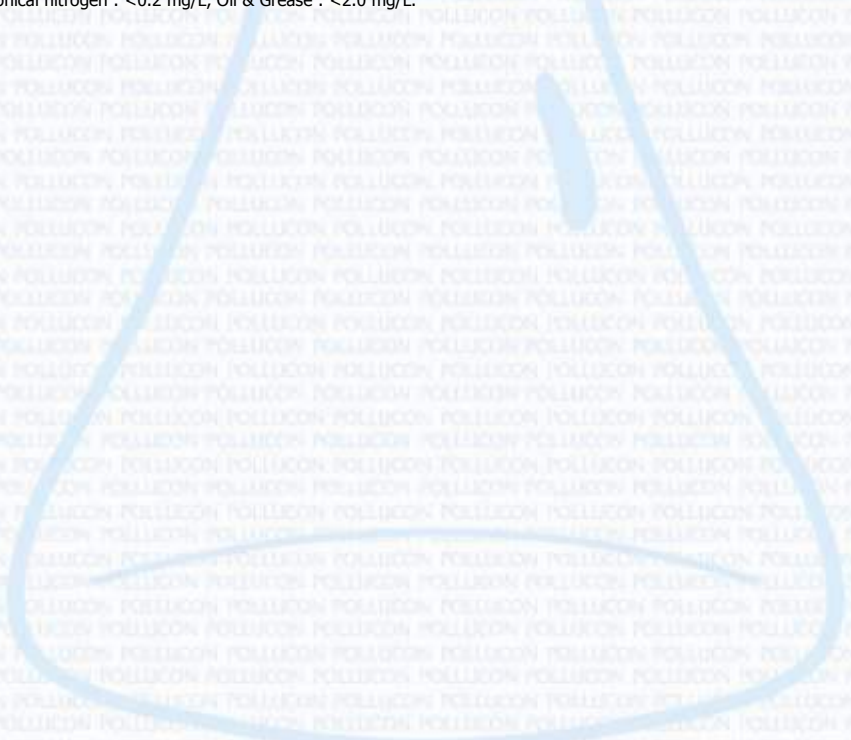
Sampling Location : EB10 Up Stream

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	89.28	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	312	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	6.13	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	4.02	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list



**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/23/0034 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--


Sampling Location : **EB10 Up Stream**

RESULT TABLE

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

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


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

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0035 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **EB11 Up Stream**

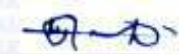
Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 06/02/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 07/02/2023	Lab ID.	: BL/2302/10
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 07/02/2023	Date of Completion of Test	: 16/02/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.35	IS 3025 (Part 11)
2	Colour	Co-pt	20	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	5416	IS 3025 (Part – 14)
4	Turbidity	NTU	1.53	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	3437	IS 3025 (Part-16)
7	TOC	mg/L	21	APHA (23 rd Edition) 5310 B
8	COD	mg/L	63	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1217	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	349	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	1186	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	257	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	0.09	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.14	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.64	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	218	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0035
	Issue Date : 16/02/2023
	Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022

Sampling Location : EB11 Up Stream

RESULT TABLE


SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	161	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	513	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	5.62	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	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list




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/23/0035 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

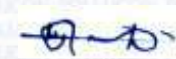
Sampling Location : **EB11 Up Stream**

RESULT TABLE

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

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


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/23/0036 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **HB1 Up Stream**


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 06/02/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 07/02/2023	Lab ID.	: BL/2302/11
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 07/02/2023	Date of Completion of Test	: 16/02/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.88	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	6265	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	4031	IS 3025 (Part-16)
7	TOC	mg/L	3.2	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	1460	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	428	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.31	IS :3025 (Part-34): Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1598	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	220	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.32	APHA (23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.094	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.086	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	0.632	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	296	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

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0036
	Issue Date : 16/02/2023
	Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022

Sampling Location : HB1 Up Stream
--

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	172	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	341	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	7.29	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	9.2	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list



Dr. Arun Bajpai
Lab Manager(Q)

H. T. Shah
Lab. Manager

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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.

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0036 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location : **HB1 Up Stream**

RESULT TABLE

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

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


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/23/0037 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **HB6 Down Stream**


Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 06/02/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 07/02/2023	Lab ID.	: BL/2302/12
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 07/02/2023	Date of Completion of Test	: 16/02/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.09	IS 3025 (Part 11)
2	Colour	Co-pt	15	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	3536	IS 3025 (Part - 14)
4	Turbidity	NTU	0.57	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	2236	IS 3025 (Part-16)
7	TOC	mg/L	4.17	APHA (23 rd Edition) 5310 B
8	COD	mg/L	24.10	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	686	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	418	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	689	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	237	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.81	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	0.173	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	0.54	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	154	IS 3025 (Part - 40) EDTA Titrimetric Method)

Continue...


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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● 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/23/0037
	Issue Date :	16/02/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

Sampling Location :	HB6 Down Stream
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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	441	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	4.06	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.7	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	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list



Dr. Arun Bajpai
Lab Manager(Q)

H. T. Shah
Lab. Manager

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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

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0037 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **HB6 Down Stream**

RESULT TABLE

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

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


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

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0049 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: EB-4 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2023	Lab ID.	: BL/2303/04
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2023	Date of Completion of Test	: 13/03/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.89	IS 3025 (Part 11)
2	Colour	Co-pt	15	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	6121	IS 3025 (Part – 14)
4	Turbidity	NTU	1.32	APHA (23rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	3812	IS 3025 (Part-16)
7	TOC	mg/L	5.0	APHA (23rd Edition) 5310 B
8	COD	mg/L	30	APHA (23rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1802	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	384	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	1549	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO4	mg/L	236	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.28	APHA (23rd 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 (23rd 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	0.112	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	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	358	IS 3025 (Part – 40) EDTA Titrimetric Method)

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0049
	Issue Date :	13/03/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

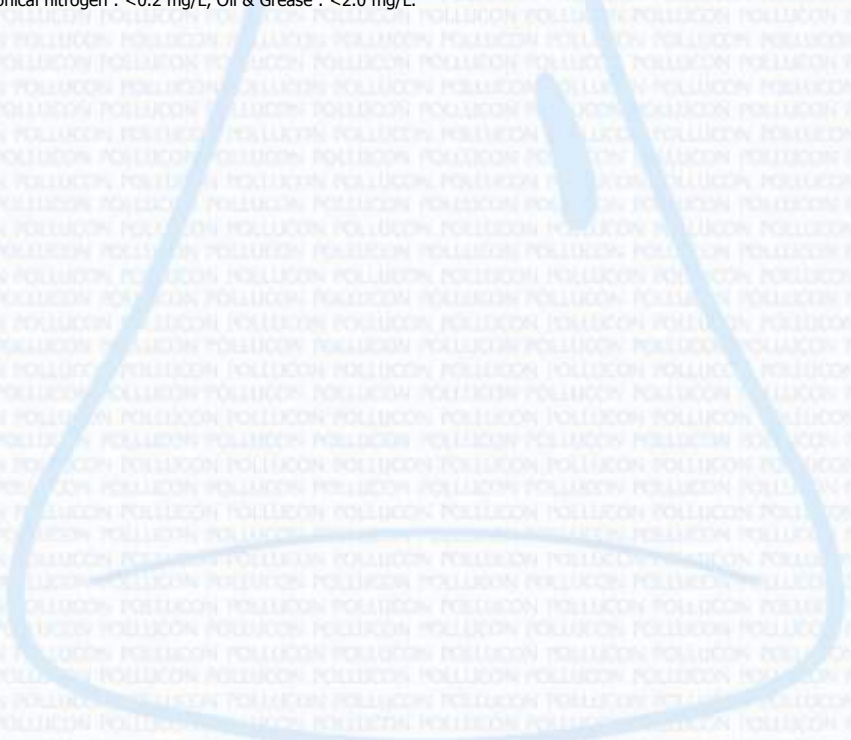
Sampling Location :	EB-4 Up Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	217	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	205	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	3.0	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.0	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0049 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

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

RESULT TABLE

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

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


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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

TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0050 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--


Sampling Location	: EB5 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2023	Lab ID.	: BL/2303/05
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2023	Date of Completion of Test	: 13/03/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.09	IS 3025 (Part 11)
2	Colour	Hazen	7.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	4386	IS 3025 (Part - 14)
4	Turbidity	NTU	0.45	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	2694	IS 3025 (Part-16)
7	TOC	mg/L	1.3	APHA (23 rd Edition) 5310 B
8	COD	mg/L	18	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	832	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	350	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	916	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	212	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	0.156	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.11	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.72	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	184	IS 3025 (Part - 40) EDTA Titrimetric Method)

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0050
	Issue Date : 13/03/2023
	Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022

Sampling Location : **EB5 Up Stream**

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	89.28	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	345	APHA (23rd Edition) 3111 B
30	Potassium as K	mg/L	2.5	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	4.8	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 (23rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list



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

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

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0050 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location	: EB5 Up Stream
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RESULT TABLE

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

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


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0051 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: EB3 Down Stream (New)
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2023	Lab ID.	: BL/2303/06
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2023	Date of Completion of Test	: 13/03/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.24	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2264	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	1461	IS 3025 (Part-16)
7	TOC	mg/L	2.0	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	410	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	324	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	1.78	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	360	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	234	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	0.024	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	0.078	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.74	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. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0051
	Issue Date :	13/03/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022


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

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	50.4	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	230	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	3.0	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0051 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

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

RESULT TABLE

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

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


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3


Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0052 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
Sampling Location : HB2 Down Stream (New)	
Description of Sample : Ground Water sample Quantity/No. of Samples : 05 Lit./One Date of Sampling : 03/03/2023 Sampling Procedure : IS:3025 Sampling by : Pollucon Laboratories Pvt. Ltd. Protocol (purpose) : QC/Env. Monitoring Sample Receipt Date : 04/03/2023 Lab ID. : BL/2303/07 Packing/ Seal : Sealed Test Parameters : As per table Date of Starting of Test : 04/03/2023 Date of Completion of Test : 13/03/2023	

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.11	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2324	IS 3025 (Part - 14)
4	Turbidity	NTU	1.02	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	1456	IS 3025 (Part-16)
7	TOC	mg/L	3.0	APHA (23 rd Edition) 5310 B
8	COD	mg/L	11	APHA (23 rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	422	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	340	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	1.52	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	356	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	219	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	0.125	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.11	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.65	PHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	72	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

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Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0052
	Issue Date :	13/03/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

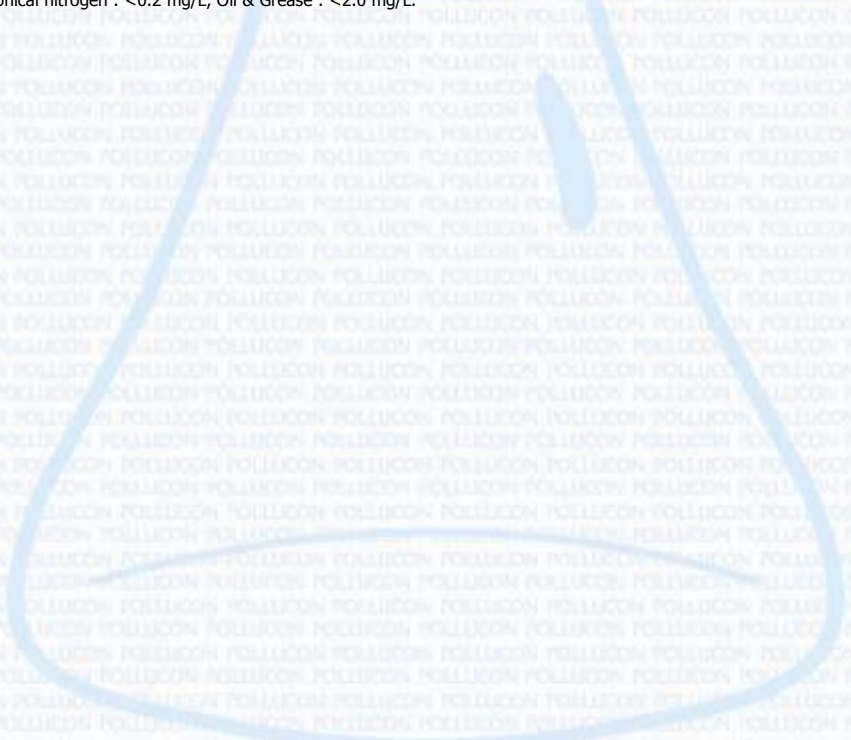
Sampling Location :	HB2 Down Stream (New)
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	58.08	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	190	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	3.4	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list



H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0052 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

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

RESULT TABLE

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

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


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3


Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0053 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
Sampling Location : HB5 Down Stream	
Description of Sample : Ground Water sample Quantity/No. of Samples : 05 Lit./One Date of Sampling : 03/03/2023 Sampling Procedure : IS:3025 Sampling by : Pollucon Laboratories Pvt. Ltd. Protocol (purpose) : QC/Env. Monitoring Sample Receipt Date : 04/03/2023 Lab ID. : BL/2303/08 Packing/ Seal : Sealed Test Parameters : As per table Date of Starting of Test : 04/03/2023 Date of Completion of Test : 13/03/2023	

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.15	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	3073	IS 3025 (Part – 14)
4	Turbidity	NTU	0.64	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	1956	IS 3025 (Part-16)
7	TOC	mg/L	4.0	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	584	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	401	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.94	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	549	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	256	APHA (23rd Edition) 4110 B
14	Nitrate	mg/L	1.38	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	0.104	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.078	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.65	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	130	IS 3025 (Part – 40) EDTA Titrimetric Method)

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0053
	Issue Date :	13/03/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022


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

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	62.46	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	396	APHA (23rd Edition) 3111 B
30	Potassium as K	mg/L	5.6	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.4	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3


M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0053 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **HB5 Down Stream**

RESULT TABLE

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

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


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0054 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location	: HB4 Down Stream		
Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2023	Lab ID.	: BL/2303/09
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2023	Date of Completion of Test	: 13/03/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.09	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	3286	IS 3025 (Part – 14)
4	Turbidity	NTU	0.62	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	2108	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	585	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	403	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.75	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	588	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	240	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.83	APHA (23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.082	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.065	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.61	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	134	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/23/0054
	Issue Date :	13/03/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

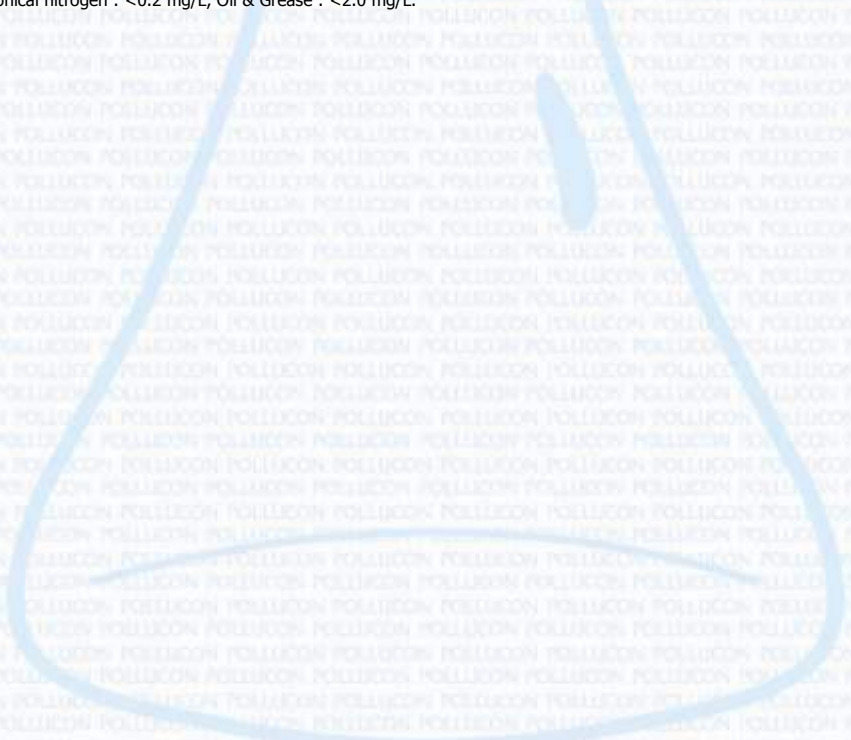
Sampling Location :	HB4 Down Stream
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RESULT TABLE

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	315	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	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	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list



H. T. Shah
Lab. Manager

Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0054 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **HB4 Down Stream**

RESULT TABLE

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

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


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0055 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB7 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2023	Lab ID.	: BL/2303/10
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2023	Date of Completion of Test	: 13/03/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.11	IS 3025 (Part 11)
2	Colour	Co-pt	15	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	4401	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	2818	IS 3025 (Part-16)
7	TOC	mg/L	3.8	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	744	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	413	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	1.84	7IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	846	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	298	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	0.074	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.125	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	0.586	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	150	IS 3025 (Part - 40) EDTA Titrimetric Method)

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0055
	Issue Date :	13/03/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

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

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	65	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	490	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	8.2	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list




H. T. Shah

Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0055 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **HB7 Down Stream**

RESULT TABLE

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

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


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0056 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--


Sampling Location	: EB9 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2023	Lab ID.	: BL/2303/11
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2023	Date of Completion of Test	: 13/03/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.81	IS 3025 (Part 11)
2	Colour	Co-pt	15	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	7816	IS 3025 (Part - 14)
4	Turbidity	NTU	1.25	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	5036	IS 3025 (Part-16)
7	TOC	mg/L	10	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	2051	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	350	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	2116	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	250	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.41	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 (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.103	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.70	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	558	IS 3025 (Part - 40) EDTA Titrimetric Method)

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0056
	Issue Date :	13/03/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

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

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	157	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	552	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	9.0	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	13	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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- 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

Page: 3 of 3

Customer's Name and Address :


M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0056 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location : **EB9 Up Stream**

RESULT TABLE

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

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


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0057 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: EB10 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2023	Lab ID.	: BL/2303/12
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2023	Date of Completion of Test	: 13/03/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.11	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	3272	IS 3025 (Part - 14)
4	Turbidity	NTU	0.52	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	2076	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	520	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	140	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	1.12	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	684	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	248	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	0.95	APHA (23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.018	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	Not Detected	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.33	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	116	IS 3025 (Part - 40) EDTA Titrimetric Method)

Continue...



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0057
	Issue Date :	13/03/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

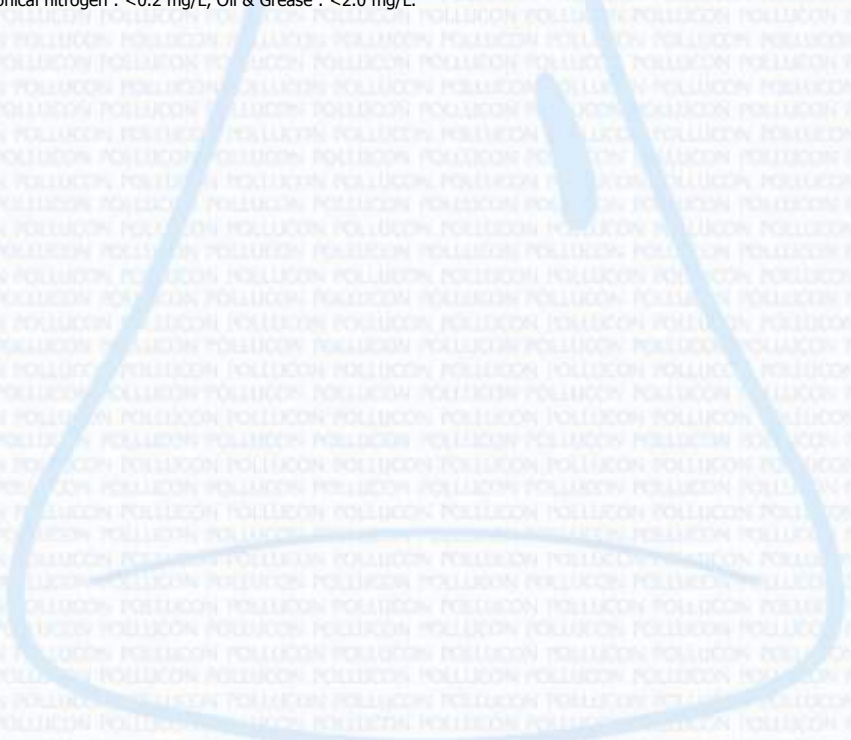
Sampling Location :	EB10 Up Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	55.2	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	340	APHA (23 rd Edition) 3111 B
30	Potassium as K	mg/L	6.2	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	3.90	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list




H. T. Shah

Lab. Manager


Dr. Arun Bajpai

Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0057 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **EB10 Up Stream**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0058 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location	: EB11 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2023	Lab ID.	: BL/2303/13
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2023	Date of Completion of Test	: 13/03/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.96	IS 3025 (Part 11)
2	Colour	Co-pt	20	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	5601	IS 3025 (Part - 14)
4	Turbidity	NTU	1.72	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3489	IS 3025 (Part-16)
7	TOC	mg/L	28	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	1402	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	360	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.45	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1201	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	264	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	0.065	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.125	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	420	IS 3025 (Part - 40) EDTA Titrimetric Method)

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0058
	Issue Date : 13/03/2023
	Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022

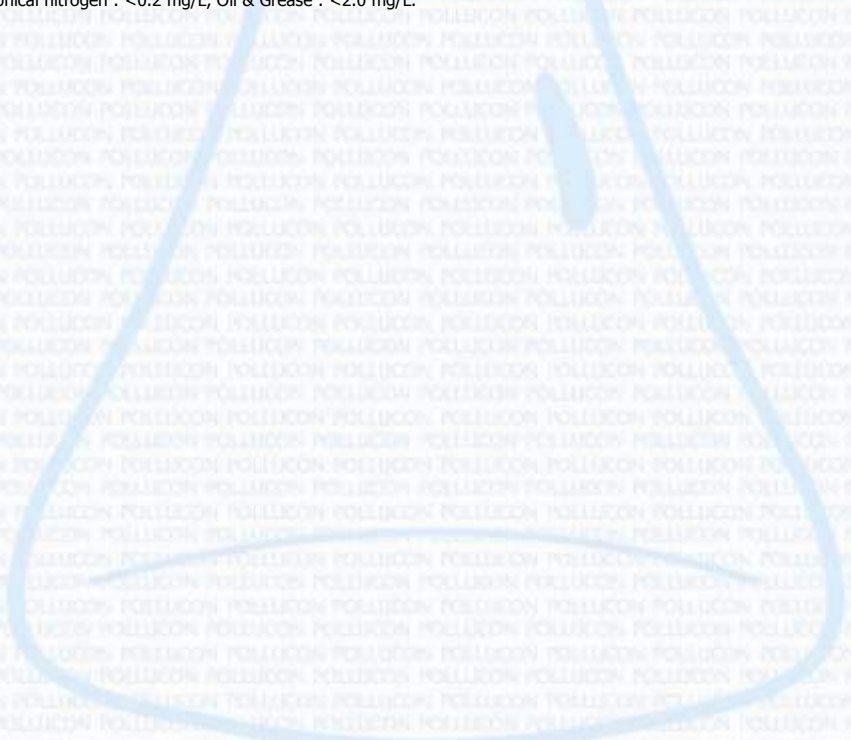
Sampling Location : EB11 Up Stream

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	84.84	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	4.0	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	17	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0058 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **EB11 Up Stream**

RESULT TABLE

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

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


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0059 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB1 Up Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2023	Lab ID.	: BL/2303/14
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2023	Date of Completion of Test	: 13/03/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.8	IS 3025 (Part 11)
2	Colour	Co.pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	6501	IS 3025 (Part – 14)
4	Turbidity	NTU	0.68	APHA (23 rd Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	4171	IS 3025 (Part-16)
7	TOC	mg/L	4.0	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	1472	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	435	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	1.9	IS :3025 (Part-34): Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1684	APHA(23 rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	228	APHA(23 rd Edition) 4110 B
14	Nitrate	mg/L	1.02	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	0.071	APHA (23 rd Edition) 3111 B
24	Iron as Fe	mg/L	0.056	APHA (23 rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	Not Detected	APHA (23 rd Edition) 3111 B
26	Fluorides as F	mg/L	0.45	APHA(23 rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	304	IS 3025 (Part – 40) EDTA Titrimetric Method)

Continue...


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0059
	Issue Date :	13/03/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

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


RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	89.28	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	4.5	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.5	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	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list




H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0059 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **HB1 Up Stream**

RESULT TABLE

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

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


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0060 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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Sampling Location	: HB6 Down Stream
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Description of Sample	: Ground Water sample	Quantity/No. of Samples	: 05 Lit./One
Date of Sampling	: 03/03/2023	Sampling Procedure	: IS:3025
Sampling by	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: QC/Env. Monitoring
Sample Receipt Date	: 04/03/2023	Lab ID.	: BL/2303/15
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2023	Date of Completion of Test	: 13/03/2023

RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.05	IS 3025 (Part 11)
2	Colour	Co-pt	15	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	3487	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	2172	IS 3025 (Part-16)
7	TOC	mg/L	4.2	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	552	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	425	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	1.81	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	696	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO ₄	mg/L	248	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.45	APHA (23 rd Edition) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 rd Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.068	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.136	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.69	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	160	IS 3025 (Part - 40) EDTA Titrimetric Method)

Continue...



H. T. Shah
Lab. Manager



Dr. Arun Bajpai
Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0060
	Issue Date :	13/03/2023
	Customer's Ref. :	W.O.No. 8522230050 Dated:21.04.2022

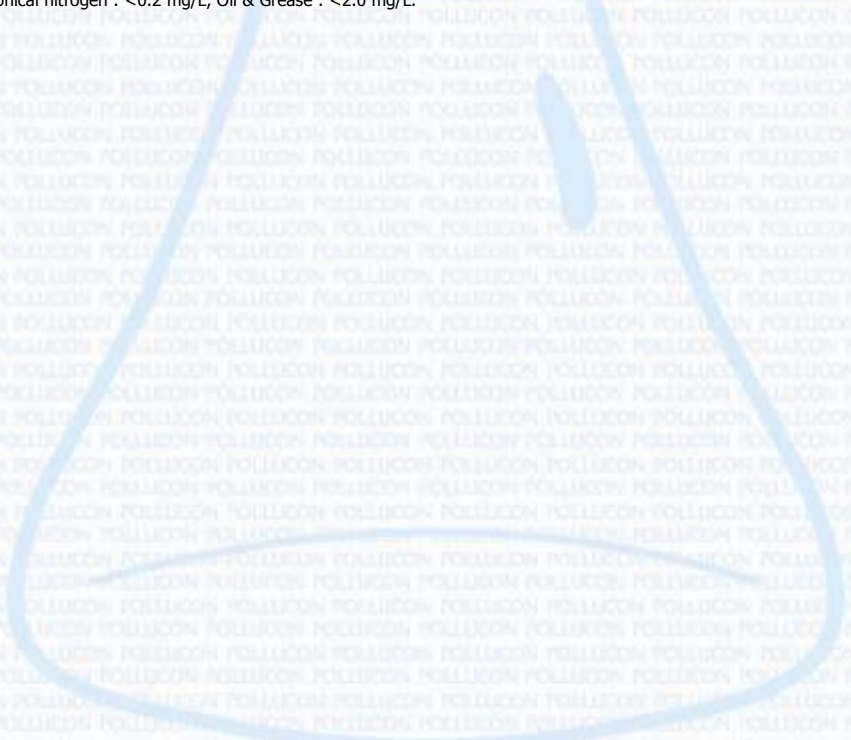
Sampling Location :	HB6 Down Stream
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RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	36.48	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	460	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	6.8	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 rd Edition) 5520 B
34	Pesticides**	µg/L	Not Detected	USEPA 508/ USEPA 525.2/ USEPA 532

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

**attached pesticides list




H. T. Shah

Lab. Manager


Dr. Arun Bajpai

Lab Manager(Q)

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TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0060 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

Sampling Location : **HB6 Down Stream**

RESULT TABLE

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

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


H. T. Shah
Lab. Manager


Dr. Arun Bajpai
Lab Manager(Q)

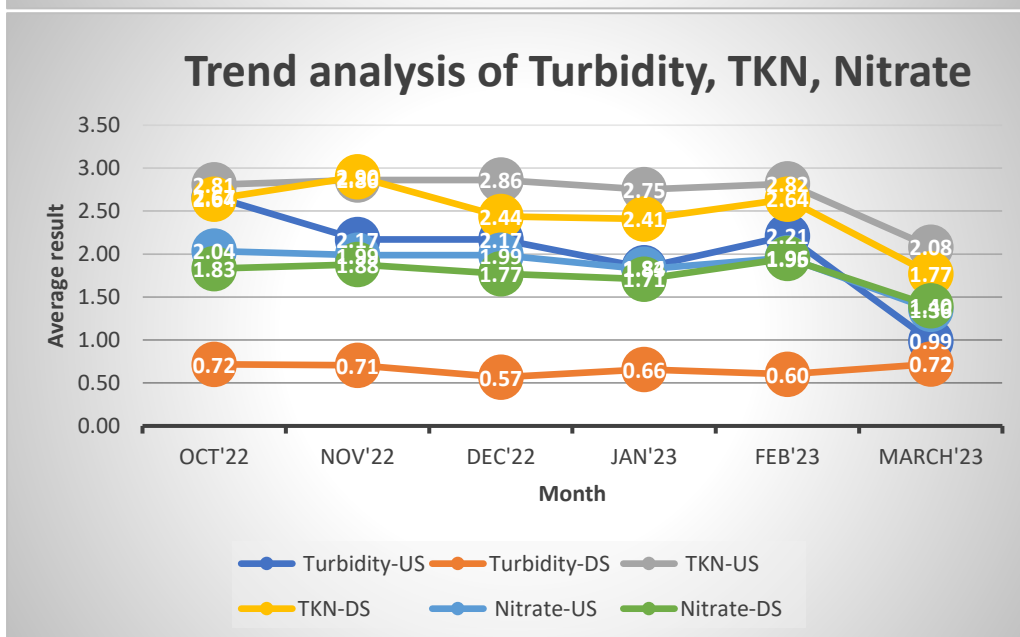
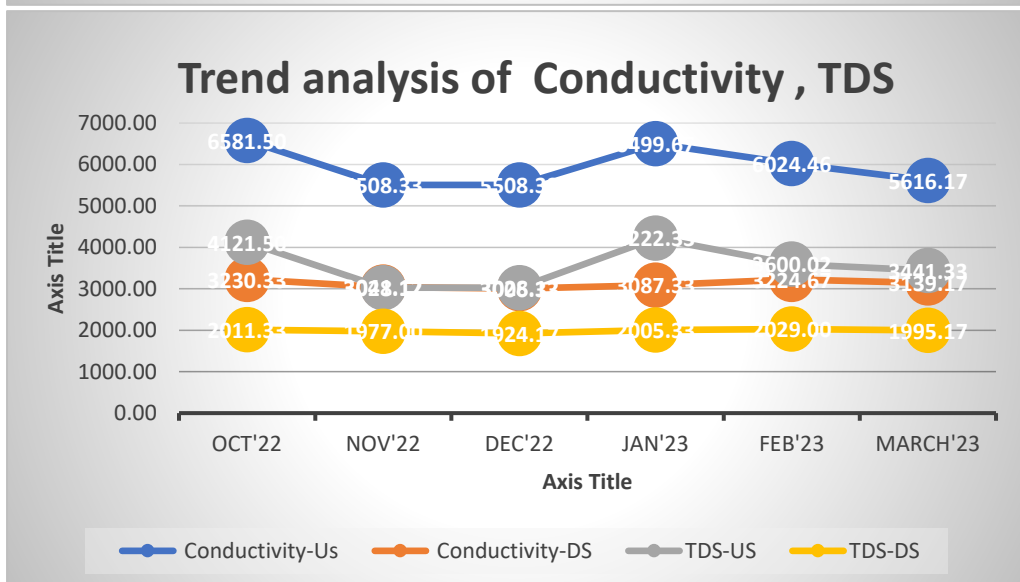
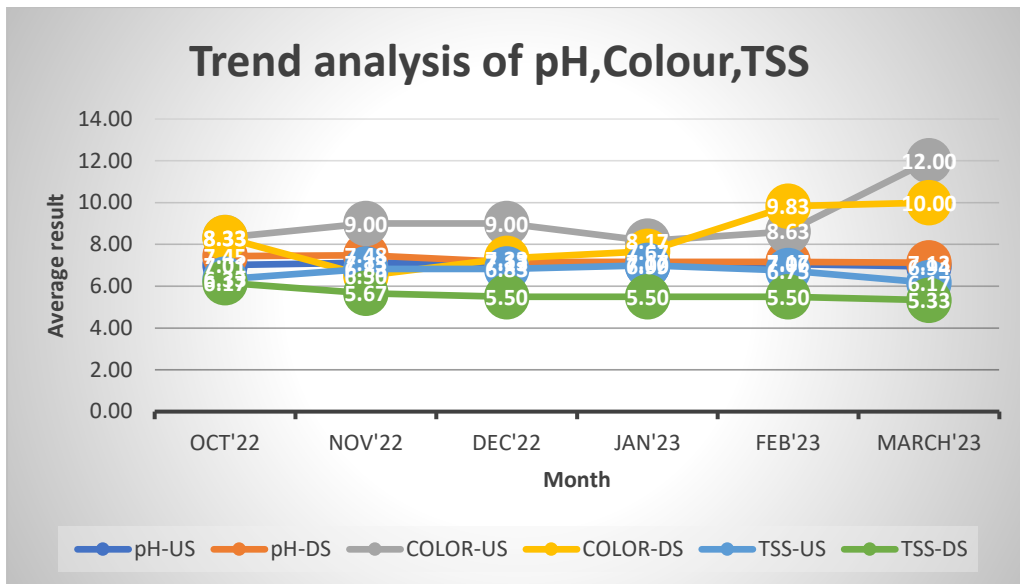
Note: This report is subject to terms & conditions mentioned overleaf.

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- ISO 9001 : 2008

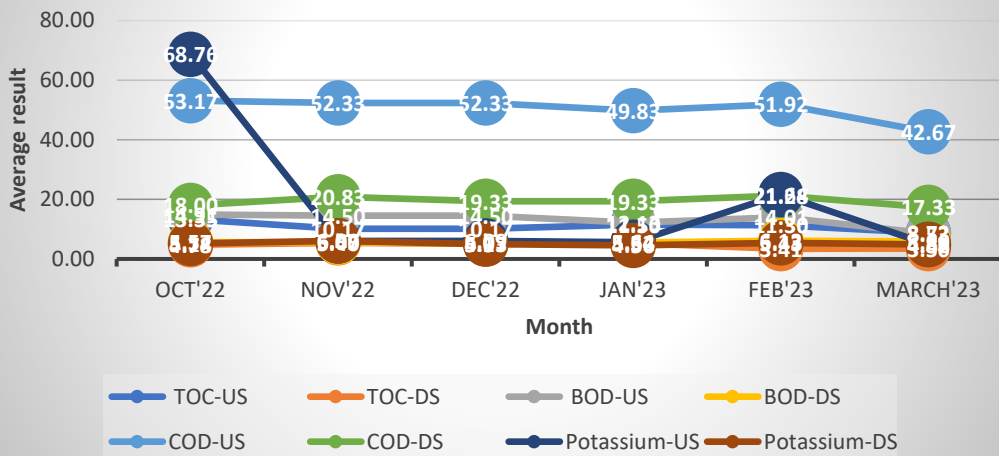
"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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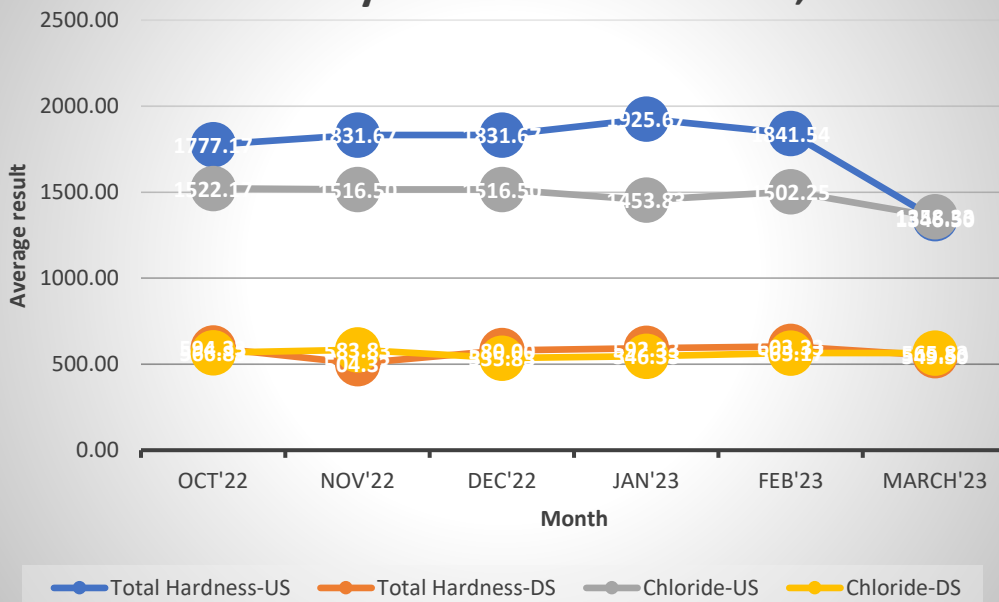
Annexure-5(A)



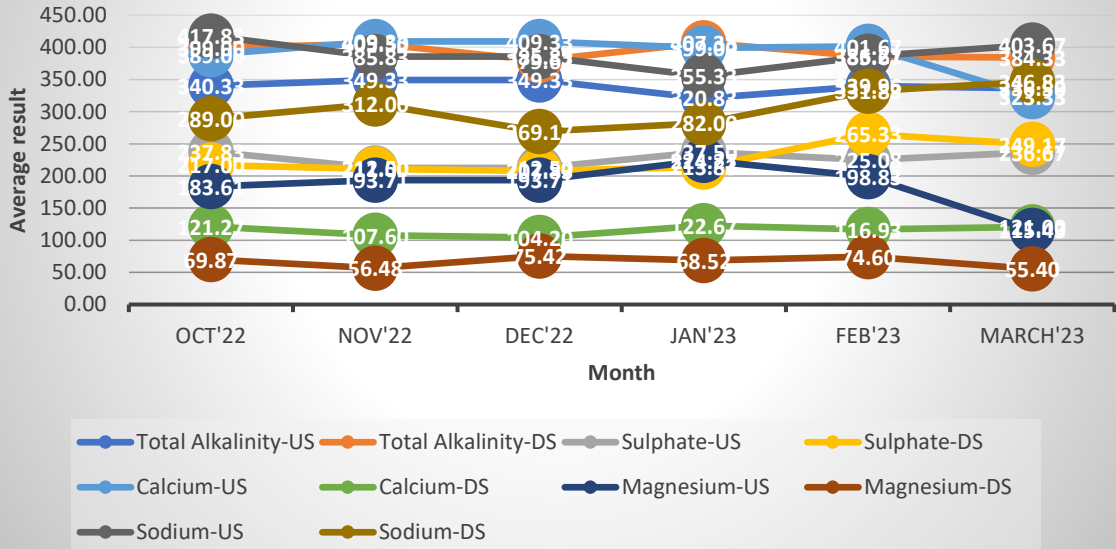
Trend analysis of TOC, BOD, COD, Potassium



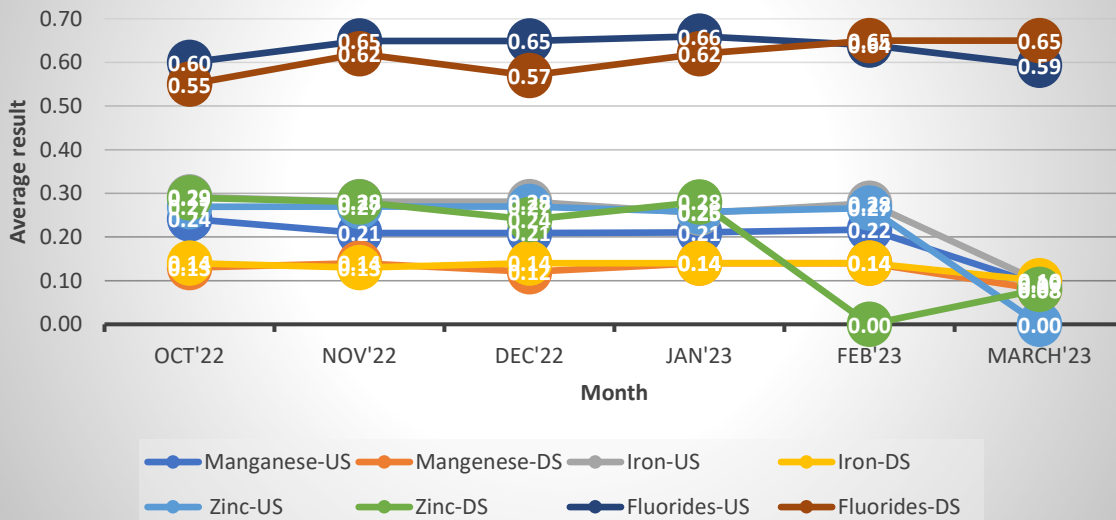
Trend analysis of Total Hardness, Chloride



Trend analysis of Total Alkalinity, Sulphate, calcium, Magnesium, Sodium



Trend analysis of Manganese, Iron, Zinc, Fluorides





TEST CERTIFICATE FOR 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 0295
	Issue Date : 13/10/2022
	Customer's Ref. : W.O.No. 8522230050
	Dated:21.04.2022

NOISE LEVEL MONITORING REPORT

Sampling Date	: 03/10/2022
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	56.5	52.8
2	Nr. Main Gate	50.4	48.2
3	Nr. Lab	45.5	42.3
4	Nr. ADM	44.8	40.2
5	Nr. Truck Washing	52.5	47.9
6	Nr. Drum Storage	55.3	52.5
7	Nr. East side of Incinerator	53.4	50.2
GPCB CONSENT LIMIT#		75 dB (A)	70 db (A)

#As per consent order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.

Ravi Jariwala
Sr. Environmental Scientist

Dr. Arun Bajpai
Lab Manager (Q)

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

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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 0326 Issue Date : 14/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

NOISE LEVEL MONITORING REPORT

Sampling Date	: 04/11/2022
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	60.8	53.1
2	Nr. Main Gate	53.1	46.9
3	Nr. Lab	48.5	43.3
4	Nr. ADM	47.3	41.9
5	Nr. Truck Washing	54.3	49.8
6	Nr. Drum Storage	58.9	53.4
7	Nr. East side of Incinerator	54.3	51.3
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)

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TEST CERTIFICATE FOR AMBIENT NOISE LEVEL MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL 0357 Issue Date : 14/12/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
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NOISE LEVEL MONITORING REPORT

Sampling Date	: 06/12/2022
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	62.8	55.2
2	Nr. Main Gate	56.8	44.3
3	Nr. Lab	50.6	44.1
4	Nr. ADM	49.8	42.3
5	Nr. Truck Washing	56.5	49.1
6	Nr. Drum Storage	61.3	54.6
7	Nr. East side of Incinerator	56.6	50.8
GPCB CONSENT LIMIT#		75 dB (A)	70 db (A)

#As per consent order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.

2. Night time shall mean from 10.00 p.m. to 6.00 a.m.



Ravi Jariwala
Sr. Environmental Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR AMBIENT NOISE LEVEL MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0004 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

NOISE LEVEL MONITORING REPORT

Sampling Date	: 02/01/2023
Test Method	: IS 9876 / IS 9989
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Nr. Incinerator	63.2	54.7
2	Nr. Main Gate	58.9	45.3
3	Nr. Lab	55.2	43.5
4	Nr. ADM	53.4	42.9
5	Nr. Truck Washing	62.5	50.2
6	Nr. Drum Storage	65.3	56.8
7	Nr. East side of Incinerator	59.1	52.7
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)

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TEST CERTIFICATE FOR AMBIENT NOISE LEVEL MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0025 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	---

NOISE LEVEL MONITORING REPORT

Sampling Date	: 06/02/2023
Test Method	: IS 9876 / IS 9989
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Nr. Incinerator	64.4	55.5
2	Nr. Main Gate	60.3	47.6
3	Nr. Lab	57.8	44.8
4	Nr. ADM	55.2	43.9
5	Nr. Truck Washing	63.8	51.4
6	Nr. Drum Storage	64.2	54.6
7	Nr. East side of Incinerator	60.8	50.2
GPCB CONSENT LIMIT#		75 dB (A)	70 dB (A)

#As per consent order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.



Ravi Jariwala
Sr. Environmental Scientist



Dr. Arun Bajpai
Lab Manager (Q)

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TEST CERTIFICATE FOR AMBIENT NOISE LEVEL MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0048 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
---	--

NOISE LEVEL MONITORING REPORT

Sampling Date	: 03/03/2023
Test Method	: IS 9876 / IS 9989
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Nr. Incinerator	67.3	52.2
2	Nr. Main Gate	61.8	45.8
3	Nr. Lab	59.4	43.6
4	Nr. ADM	57.5	42.2
5	Nr. Truck Washing	65.4	45.7
6	Nr. Drum Storage	66.6	53.4
7	Nr. East side of Incinerator	59.8	48.8
GPCB CONSENT LIMIT#		75 dB (A)	70 dB (A)

#As per consent order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
2. Night time shall mean from 10.00 p.m. to 6.00 a.m.



Ravi Jariwala
Sr. Environmental Scientist



Dr. Arun Bajpai
Lab Manager(Q)

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 ● ISO 9001 : 2008

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TEST REPORT

QR/5.10/01

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. :	PL/BL/23/0068
	Issue Date :	04/04/2023
	W.O.No.	
	Customer's Ref. :	8522230050 Dated:21.04.2022

Date of Sampling :	28/02/2023	Location of Sampling :	Incinerator Stack (Plant-1 old)
Sampling By :	Pollucon Laboratories Pvt. Ltd.	Lab ID/Sub-contract :	BL/2302/40
Sample Receipt Date :	01/03/2023	Test /Sampling Method :	As Per Table
Date of Starting of Test :	01/03/2023	Date of Completion :	04/04/2023

Velocity m/sec :	5.86	Flue gas Temperature °C:	72
Flue gas composition :	O₂-10.10%, CO₂-8.30%		


RESULT TABLE

SR. NO.	TEST PARAMETER	RESULT	EMISSION STANDARD [#]	TEST/SAMPLING METHOD
1	Dioxins & Furan (ng TEQ/Nm ³)	Not Detected	0.1 max	US EPA Method 23A

Note:

Not Detected #1. Emission standard for common hazardous waste incinerator, ministry of environment & forest, June 2008. As per The Gazette of India – G.S.R. 481(E), Ministry of Environment & Forest , New Delhi for the Common hazardous Waste Incinerator – Dated 26th June 2008- Sr. No. 1.
2. Above Result are corrected on 11% O₂.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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TEST CERTIFICATE

QF/7.8/37-ST

Page: 1 of 2

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0067 Issue Date : 04/04/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
--	--

STACK DETAILS


Date of Sampling : 28/02/2023	Location of Sampling : Incinerator Stack-1
Sample Receipt Date : 01/03/2023	Sampling by : Pollucon Laboratories Pvt. Ltd.
Date of Starting of Test : 01/03/2023	Lab. ID/Sub-Contract : BL/2302/40[A-I]
Date of Completion : 04/04/2023	Test /Sampling Method: US EPA Method 23A & EPA/600/R-96/033 March, 1996

Stack Dia(Meter) : 1.77	Stack Area (M ²) : 2.45
Flow (Nm ³ /Hr) : 45801	

RESULT TABLE

SR. NO.	PARAMETER	UNIT	RESULTS
1	Dioxins & Furan		
1.1	2,3,7,8-TCDF	Pg/extract	< 0.00400
1.2	1,2,3,7,8-PeCDF	Pg/extract	< 0.00550
1.3	2,3,4,7,8-PeCDF	Pg/extract	< 0.00550
1.4	1,2,3,4,7,8-HxCDF	Pg/extract	< 0.00500
1.5	1,2,3,6,7,8-HxCDF	Pg/extract	< 0.00500
1.6	2,3,4,6,7,8-HxCDF	Pg/extract	< 0.00500
1.7	1,2,3,7,8,9-HxCDF	Pg/extract	< 0.00500
1.8	1,2,3,4,6,7,8-HpCDF	Pg/extract	< 0.00650
1.9	1,2,3,4,7,8,9-HpCDF	Pg/extract	< 0.00480
1.10	OCDF	Pg/extract	< 0.0400
1.11	2,3,7,8-TCDD	Pg/extract	< 0.00230
1.12	1,2,3,7,8-PeCDD	Pg/extract	< 0.00300
1.13	1,2,3,4,7,8-HxCDD	Pg/extract	< 0.00600
1.14	1,2,3,6,7,8-HxCDD	Pg/extract	< 0.00600
1.15	1,2,3,7,8,9-HxCDD	Pg/extract	< 0.00680
1.16	1,2,3,4,6,7,8-HpCDD	Pg/extract	< 0.00680
1.17	OCDD	Pg/extract	< 0.0280

Continue...


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager (Q)

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TEST CERTIFICATE

QF/7.8/37-ST

Page: 2 of 2


Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0067 Issue Date : 04/04/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
--	---

RESULT TABLE

SR. NO.	PARAMETER	UNIT	RESULT
2	TVOC		
2.1	Naphthalene	mg/Nm ³	Not Detected
2.2	Acenaphthylene	mg/Nm ³	Not Detected
2.3	Acenaphthene	mg/Nm ³	Not Detected
2.4	Fluorene	mg/Nm ³	Not Detected
2.5	Phenanathrene	mg/Nm ³	Not Detected
2.6	Anthracene	mg/Nm ³	Not Detected
2.7	Fluoranthene	mg/Nm ³	Not Detected
2.8	Pyrene	mg/Nm ³	Not Detected
2.9	Benz(a)anthracene	mg/Nm ³	Not Detected
2.10	Chrysene	mg/Nm ³	Not Detected
2.11	Benzo(k)fluoranthene	mg/Nm ³	Not Detected
2.12	Benzo(b)fluoranthene	mg/Nm ³	Not Detected
2.13	Benzo(a)pyrene	mg/Nm ³	Not Detected
2.14	Indeno(1,2,3-cd)pyrene	mg/Nm ³	Not Detected
2.15	Dibenz(a,h)anthracene	mg/Nm ³	Not Detected
2.16	Benzo(ghi)perylene	mg/Nm ³	Not Detected
3	Total Organic Carbon (TOC)	mg/Nm ³	Not Detected
4	Carbon Monoxide	mg/m ³	16.2
5	Particulates Matter	mg/Nm ³	34.5
6	SOX	mg/Nm ³	38.9
7	NOX	mg/Nm ³	76.2

Detection Limit: Total VOC: 5.0 mg/m³


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager (Q)

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

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

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

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

Annexure-7

Ground water (Analysis Period Oct'22 to March'23):

Sr. no	Parameters	Unit	Permissible limits	Average of outside the premises	Average of upstream borewell	Average of downstream borewell
1	Colour	Hazen	15	8	9.4	8.3
2	pH	-	No relaxation	7.5	7.0	7.3
3	Electric Conductivity	µs/cm	-	2034.000	6047.8	3121.5
4	Turbidity	NTU	5	0.654	1.8	0.7
5	TSS	mg/lit	-	5.600	108.9	5.6
6	TDS	mg/lit	2000	1315.600	3638.2	1990.3
7	TOC	mg/lit	-	5.967	12.5	4.6
8	COD	mg/lit	-	26.000	88.5	19.4
9	Chloride	mg/lit	1000	353.394	1419.6	560.6

Ambient Air (Analysis Period Oct'22 to March'23):

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	78.66	75.7	73.84	73.84	78.66
2	PM _{2.5}	µg/m ³	60	31.188	29.8	28.92	28.92	31.188
3	Sulphur Dioxide	µg/m ³	80	14.88	13.1	13.52	13.08	14.88
4	Nitrogen Dioxide	µg/m ³	80	21.62	21.3	23.84	21.28	23.84
5	Ammonia (NH ₃)	µg/m ³	400	ND	ND	ND	0	0
6	Lead As Pb	µg/m ³	1	ND	ND	ND	0	0
7	Nickel as Ni	ng/m ³	NS	ND	ND	ND	0	0
8	Arsenic as As	ng/m ³	NS	ND	ND	ND	0	0

Noise Monitoring (Analysis Period Oct'22 to March'23):

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	57.82	70	47.12
2	Near Lab	Industrial	75	52.83	70	43.60
3	Near admin	Industrial	75	51.33	70	42.23
4	Truck wash	Industrial	75	59.17	70	49.02
5	Drum	Industrial	75	61.93	70	54.22
6	Near East Side of Incinerator	Industrial	75	57.33	70	50.97
7	Near Incinerator	Industrial	75	62.50	70	53.62

Date : 26-Apr-23

BEIL INFOSYSTEM - BEIL
BHARUCH ENVIRO INFRASTRUCTURE LTD.

Page 1 of 7

Receipt Date From: 01-OCT-2022

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 01-OCT-2022

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	27eafa69b1			26-09-22 15:56:27	01-Oct-2022 16.14	Process waste sludge/residues containing acid, toxic metals, organic compounds (26.1)	SOLID	PROCESS WASTE.	15090.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	00	NO	ODOURLESS	PASS	9.41	7.5
2	a50bf17010			30-09-22 15:33:12	01-Oct-2022 10.14	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2090.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
3	ab8324f365			30-09-22 17:01:41	01-Oct-2022 10.15	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-1.	1530.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
4	643a07b8c5			30-09-22 21:24:23	01-Oct-2022 05.21	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-2.	2140.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
5	3fccd3d8ce			30-09-22 22:59:43	01-Oct-2022 05.21	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2600.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
6	8a8d6c931e			30-09-22 23:01:07	01-Oct-2022 05.20	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1260.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
7	7623bfef6b			01-10-22 00:08:00	01-Oct-2022 05.21	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2440.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
8	01a9b2973b			01-10-22 00:52:32	01-Oct-2022 05.17	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-1.	1850.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
9	4a506c1b45			01-10-22 01:37:44	01-Oct-2022 05.17	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	GCT ASH WASTE P-2.	2480.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		

Receipt Date From: 01-OCT-2022

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 01-OCT-2022

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	0d527314b5			01-10-22 02:37:35	01-Oct-2022 05.18	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-2.	1620.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
11	a23151ecf1			01-10-22 03:32:46	01-Oct-2022 05.18	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-2.	1500.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
12	46c6907e66			01-10-22 04:23:17	01-Oct-2022 05.20	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2340.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
13	9c26e7f527			01-10-22 04:30:46	01-Oct-2022 05.18	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1830.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
14	3e19c6c3ab			01-10-22 05:41:50	01-Oct-2022 06.26	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	1750.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
15	9ae754b57b			01-10-22 05:45:15	01-Oct-2022 06.25	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1690.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
16	e561e59bcf			01-10-22 05:47:59	01-Oct-2022 06.26	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1670.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
17	4491d061d2			01-10-22 07:52:53	01-Oct-2022 10.44	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-1.	1780.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
18	5da98834c1			01-10-22 08:22:35	01-Oct-2022 11.10	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	GCT ASH WASTE P-2.	2980.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		

Receipt Date From: 01-NOV-2022

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 01-NOV-2022

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	0d0c556a90			28-10-22 15:00:38	01-Nov-2022 10.11	Insulation waste (Insulation)	NON RECYCLE WASTE	INSULTION WASTE.	715.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
2	e297ef22bd			30-10-22 17:08:06	01-Nov-2022 07.26	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	13740.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	12.4	NO	ODOURLESS	NOT PASS	62.10	7.5
3	a0599f96c4			31-10-22 10:06:01	01-Nov-2022 09.37	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	2670.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
4	f779a02f0a			31-10-22 22:07:11	01-Nov-2022 06.17	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1760.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
5	1b3ed9fc40			01-11-22 01:36:37	01-Nov-2022 06.20	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-2.	1890.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
6	2af05d971c			01-11-22 01:39:33	01-Nov-2022 06.17	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-2.	3570.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
7	0ae6de2466			01-11-22 04:34:52	01-Nov-2022 06.33	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-2.	1760.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
8	bdf1b802a5			01-11-22 04:35:56	01-Nov-2022 06.33	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-2.	1470.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
9	7701cb06de			01-11-22 07:55:57	01-Nov-2022 09.13	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-2.	1560.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		

Receipt Date From: 01-NOV-2022

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 01-NOV-2022

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	e969a3a3d6			01-11-22 07:58:02	01-Nov-2022 09.13	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-2.	1960.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
11	6cff28f4ce			01-11-22 08:00:26	01-Nov-2022 15.52	Insulation waste (Insulation)	NON RECYCLE WASTE	WASTE INSULATION.	2060.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
12	e105850529			01-11-22 08:13:26	01-Nov-2022 15.53	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SALT..	25580.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	ODOURLESS	PASS	17.10	7.5
13	67ece77bd3			01-11-22 08:15:41	01-Nov-2022 15.54	Concentration or evaporation residues (37.3)	SOLID	CONCENTRATION WASTE.	20350.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	3.4	NO	ODOURLESS	NOT PASS	16.20	7.5
14	974a1f46d6			01-11-22 08:18:04	01-Nov-2022 15.53	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SALT..	26420.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	ODOURLESS	PASS	16.20	7.5
15	60eaa94318			01-11-22 08:20:50	01-Nov-2022 15.54	Concentration or evaporation residues (37.3)	SOLID	CONCENTRATION WASTE.	19830.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.2	NO	ODOURLESS	PASS	13.10	7.5
16	f033a0a9dc			01-11-22 08:23:01	01-Nov-2022 15.54	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SALT..	27520.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	ODOURLESS	PASS	12.10	7.5
17	4624269956			01-11-22 08:36:40	01-Nov-2022 15.55	Concentration or evaporation residues (37.3)	SOLID	CONCENTRATION	17860.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.2	NO	ODOURLESS	PASS	15.10	7.5
18	a6b0e136a8			01-11-22 08:38:26	01-Nov-2022 15.56	Chemical sludge from waste water treatment (35.3)	SOLID	CHEMICAL SLUDGE...	16110.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	12.0	NO	ODOURLESS	PASS	59.10	7.5

Receipt Date From: 01-DEC-2022

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 01-DEC-2022

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	668b27ac57			30-11-22 17:10:44	01-Dec-2022 11.59	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	18780.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	2.8	NO	ODOURLESS	PASS	32.40	7.5
2	da7db901b0			30-11-22 21:42:10	01-Dec-2022 00.21	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2840.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
3	d479cb9ef8			30-11-22 21:57:46	01-Dec-2022 04.06	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1750.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
4	1540389d47			30-11-22 22:26:59	01-Dec-2022 00.19	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-2.	1710.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
5	e004d7de4f			30-11-22 22:28:20	01-Dec-2022 05.16	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-2.	2280.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
6	8646070e40			30-11-22 22:29:24	01-Dec-2022 00.19	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-2.	2890.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
7	4e486e5200			30-11-22 22:48:30	01-Dec-2022 05.16	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2700.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
8	0e0a7e7d16			30-11-22 23:26:36	01-Dec-2022 05.11	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2960.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
9	1c96886ada			01-12-22 01:13:50	01-Dec-2022 05.11	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2050.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		

Receipt Date From: 01-DEC-2022

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 01-DEC-2022

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	4f3faabda9			01-12-22 01:15:08	01-Dec-2022 05.10	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1630.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
11	c4e14b29cf			01-12-22 03:48:50	01-Dec-2022 05.06	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-2.	1930.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
12	a728e56901			01-12-22 03:50:30	01-Dec-2022 05.07	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-2.	2010.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
13	dfe760de20			01-12-22 03:51:27	01-Dec-2022 05.07	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-1.	1480.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
14	406b174d66			01-12-22 04:07:31	01-Dec-2022 06.49	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2350.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
15	4bdc8941be			01-12-22 04:11:24	01-Dec-2022 06.46	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2550.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
16	2a2c713476			01-12-22 05:55:27	01-Dec-2022 06.47	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2700.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
17	3ac5521567			01-12-22 05:56:56	01-Dec-2022 06.47	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1640.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
18	07627d8cd1			01-12-22 08:02:44	01-Dec-2022 10.08	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2550.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		

Receipt Date From: 01-JAN-2023

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 01-JAN-2023

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Annealing Loss	COMPARISON WITH STD	Compatibility Test	Flammability Test	LRT Test(Liquid release test)	METAL STABILIZATION REQUIRED	Odor.	PFLT Test(Plain Filter Liquid Test)	Water Content by K.F.(w/w)	pH
1	7e4b573e78			31-12-22 15:13:46	01-Jan-2023 10.08	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE WASTE.	5700.000	24.15	COMPARABLE	COMPATIBLE	NON-FLAMMABLE	2.4	NO	ODOURLESS	PASS	51.21	4.0
2	d4727e73a9			31-12-22 15:38:02	01-Jan-2023 09.41	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2780.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
3	66b9cd0a19			31-12-22 18:00:47	01-Jan-2023 14.25	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	8630.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	20.0	NO	ODOURLESS	PASS	61.16	7.5
4	5d33004d5c			31-12-22 21:34:55	01-Jan-2023 01.50	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	2800.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
5	20013a3a7a			31-12-22 21:38:56	01-Jan-2023 01.51	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	2770.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
6	336e275507			31-12-22 22:09:32	01-Jan-2023 01.53	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2490.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
7	a5f805badf			31-12-22 22:20:05	01-Jan-2023 01.57	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	3420.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
8	7350e8b108			31-12-22 22:21:44	01-Jan-2023 01.54	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	3570.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
9	dce84b9852			31-12-22 22:41:50	01-Jan-2023 04.04	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-1.	1840.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		

Receipt Date From: 01-JAN-2023

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 01-JAN-2023

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Annealing Loss	COMPARISON WITH STD	Compatibility Test	Flammability Test	LRT Test(Liquid release test)	METAL STABILIZATION REQUIRED	Odor.	PFLT Test(Plain Filter Liquid Test)	Water Content by K.F.(w/w)	pH
10	30e5382c41			31-12-22 22:43:19	01-Jan-2023 03.58	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-1.	1500.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
11	6a92447d1b			31-12-22 23:41:27	01-Jan-2023 04.05	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	2520.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
12	dad01c66e1			31-12-22 23:42:44	01-Jan-2023 04.01	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	3710.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
13	437b9a01b9			31-12-22 23:47:29	01-Jan-2023 06.41	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1780.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
14	aba219fe3a			31-12-22 23:48:50	01-Jan-2023 04.03	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	3230.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
15	a75ae26b12			01-01-23 01:44:31	01-Jan-2023 06.41	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1570.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
16	2763a50363			01-01-23 04:18:22	01-Jan-2023 06.41	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2660.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
17	765e0c03ed			01-01-23 06:01:20	01-Jan-2023 06.43	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1750.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
18	d8e0a9897b			01-01-23 06:02:54	01-Jan-2023 06.43	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	1770.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		

Receipt Date From: 01-FEB-2023

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 01-FEB-2023

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Annealing Loss	COMPARISON WITH STD	Compatibility Test	Flammability Test	LRT Test(Liquid release test)	METAL STABILIZATION REQUIRED	Odor.	PFLT Test(Plain Filter Liquid Test)	Water Content by K.F.(w/w)	pH
1	e00624ca3b			31-01-23 09:41:15	01-Feb-2023 10.27	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SALT..	17350.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	ODOURLESS	PASS	6.15	7.5
2	0a2476ec7d			31-01-23 22:17:02	01-Feb-2023 01.22	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	GCT ASH WASTE P-1	2290.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
3	0dd643a96a			31-01-23 23:16:29	01-Feb-2023 01.16	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	GCT ASH WASTE P-1	2680.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
4	0514f1c437			31-01-23 23:38:44	01-Feb-2023 01.18	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	1960.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
5	7605743a02			31-01-23 23:39:36	01-Feb-2023 01.20	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-1.	2120.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
6	13a62fb0c5			31-01-23 23:53:26	01-Feb-2023 01.14	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2900.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
7	57c6718a01			01-02-23 00:03:00	01-Feb-2023 01.14	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2090.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
8	00e45726cd			01-02-23 00:24:29	01-Feb-2023 01.10	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	GCT ASH WASTE P-1	2340.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
9	ad982dd3d8			01-02-23 00:25:14	01-Feb-2023 01.11	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	GCT ASH WASTE P-1	1800.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		

Receipt Date From: 01-FEB-2023

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 01-FEB-2023

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Annealing Loss	COMPARISON WITH STD	Compatibility Test	Flammability Test	LRT Test(Liquid release test)	METAL STABILIZATION REQUIRED	Odor.	PFLT Test(Plain Filter Liquid Test)	Water Content by K.F.(w/w)	pH
10	b85cb0b230			01-02-23 00:53:38	01-Feb-2023 05.39	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-1.	1370.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
11	ef8edcd172			01-02-23 00:59:15	01-Feb-2023 05.40	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	2470.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
12	8fcec6d9dc			01-02-23 01:31:58	01-Feb-2023 05.38	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	1790.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
13	87c34ad859			01-02-23 05:15:49	01-Feb-2023 06.37	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2550.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
14	a4ab7f4485			01-02-23 05:18:44	01-Feb-2023 06.38	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1010.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
15	f2e678d413			01-02-23 05:44:19	01-Feb-2023 06.34	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-1.	2240.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
16	ba2d77db2d			01-02-23 05:48:51	01-Feb-2023 06.34	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	3170.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
17	82f922090a			01-02-23 06:44:06	01-Feb-2023 09.27	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1550.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
18	1eecd46a1d			01-02-23 06:46:46	01-Feb-2023 09.27	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	980.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		

Receipt Date From: 01-MAR-2023

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 01-MAR-2023

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Annealing Loss	COMPARISON WITH STD	Compatibility Test	Flammability Test	LRT Test(Liquid release test)	METAL STABILIZATION REQUIRED	Odor.	PFLT Test(Plain Filter Liquid Test)	Water Content by K.F.(w/w)	pH
1	6b26e7aef7			28-02-23 18:37:17	01-Mar-2023 07.30	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2880.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
2	759cfa5424			28-02-23 18:39:01	01-Mar-2023 08.53	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	850.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
3	6c50672996			28-02-23 20:48:12	01-Mar-2023 07.30	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2430.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
4	5fd3ac62b			28-02-23 21:13:00	01-Mar-2023 07.30	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	2130.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
5	8fad87e2dd			28-02-23 21:14:36	01-Mar-2023 07.30	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	2300.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
6	84bbf939ca			28-02-23 21:49:05	01-Mar-2023 07.31	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-1.	1630.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
7	626ef2e39e			28-02-23 22:00:56	01-Mar-2023 07.31	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2700.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
8	05848fc88b			28-02-23 22:01:45	01-Mar-2023 07.31	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2540.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
9	6c8819ed20			28-02-23 22:32:44	01-Mar-2023 07.32	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	2470.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		

Receipt Date From: 01-MAR-2023

FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To: 01-MAR-2023

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Annealing Loss	COMPARISON WITH STD	Compatibility Test	Flammability Test	LRT Test(Liquid release test)	METAL STABILIZATION REQUIRED	Odor.	PFLT Test(Plain Filter Liquid Test)	Water Content by K.F.(w/w)	pH
10	fd44e151af			28-02-23 22:54:21	01-Mar-2023 07.32	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-1.	1270.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
11	65b872e43b			01-03-23 02:06:27	01-Mar-2023 07.32	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2040.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
12	59d69d8e09			01-03-23 02:11:16	01-Mar-2023 07.31	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1720.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
13	a5996aeebe			01-03-23 02:54:45	01-Mar-2023 07.33	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-1.	1630.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
14	fd12532913			01-03-23 02:57:48	01-Mar-2023 07.33	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1900.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
15	1c6a8165ca			01-03-23 04:48:16	01-Mar-2023 07.33	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	2920.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
16	6e4540b995			01-03-23 05:26:56	01-Mar-2023 07.32	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2480.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
17	794b1d5397			01-03-23 06:44:45	01-Mar-2023 10.51	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1490.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO	ODOURLESS	PASS		
18	64b91b1f88			01-03-23 06:45:17	01-Mar-2023 10.51	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1010.000		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.

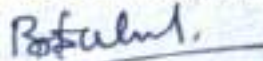
Dear Sir,

Herewith, we are submitting the "ON SITE EMERGENCY PLAN" update in Oct-22 for the year 2022-23.

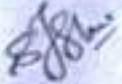
This is for your Kind information and records .

Thanking You,


For, BEIL Infrastructure Ltd.



B.D. Dalwadi



(Factory Manager)


બી.ડી. દાલ્વાડી
બી.ડી. દાલ્વાડી
બી.ડી. દાલ્વાડી 24-10-22

CIN No.: U45300GJ1997PLC032696

Regd. Office : Plot No. 9791-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)
Phones (02646) 253135, 228228 • Fax : (02646) 223849 • 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>
Noise	<p>Noise pollution (Noise levels during construction phase will be high during operational phase due to instrumental work, increased truck movement earth movers etc.</p>	<p>These negative impacts are short term. Equipment to be kept and maintained in proper condition to keep the noise level within 75 dB(A) Workers will be provided with necessary protective equipment e.g. ear plug, earmuffs. Provision of green belt and plantation would further help in attenuating noise.</p>	<p>Complied. Noise level monitoring is done on regular basis, adequate green belt is also provided. And employees are provided with suitable PPEs to avoid any short term or long term negative impacts of noise pollution. .</p>

Traffic	Traffic Impacts	BEIL is situated towards one corner of industrial estate of GIDC, as there is no much traffic on this road, no traffic overcrowding is expected and the impact will be insignificant.	Complied. BEIL is situated towards one corner of industrial estate of GIDC, as there is no much traffic on this road, no traffic overcrowding is expected and the impact will be insignificant.
Socio-Economic	Socio-Economic Impacts	The site selected for the disposal of hazardous wastes in Ankleshwar industrial Estate, is not having any visible adverse impact on human populations well as live stock as this site is excluded from any agriculture, forest, ecological sensitive or animal grazing land. Moreover, the site is within the industrial estate and land already meant for that purpose. With the expansion of TSDF phase-III proposed, there will be additional employment Opportunities for about 100 persons (Construction phase) and about 15 persons (Operational Phase). In general, the project is to have positive environmental impacts by collecting and disposing the hazardous waste in the scientific manner, this will reduce the future health hazard.	Complied. The site selected for the disposal of hazardous wastes in Ankleshwar industrial Estate, is not having any visible adverse impact on human populations well as live stock as this site is excluded from any agriculture, forest, ecological sensitive or animal grazing land. Moreover, the site is within the industrial estate and land already meant for that purpose. With the expansion of TSDF phase-III proposed, there will be additional employment Opportunities for about 100 persons (Construction phase) and about 15 persons (Operational Phase). In general, the project is to have positive environmental impacts by collecting and disposing the hazardous waste in the scientific manner, this will reduce the future health hazard.
Fire and Safety	Accidents/disasters related to fire and safety	Since the TSDF site is already operational, this is an expansion of TSDF phase-III Disaster management plan (DMP) is in place A well-laid firefighting system and fire extinguishers are already installed as per fire safety norms Regular fire safety training will be conducted. Road/Fire	Complied. Since the TSDF site is already operational, this is an expansion of TSDF phase-III Disaster management plan (DMP) is in place A well-laid firefighting system and fire extinguishers are already installed as per fire safety norms Regular fire safety training will be conducted.

Health and Safety	Injury	<p>Since the TSDf site is already operational, this is an expansion of TSDf phase III; Pre Placement and periodical medical examination of the TSDf site workers Use of personal protective equipment BEIL shall continue the health monitoring program for the employees. It should focus especially on workers who are handling the hazardous waste</p>	<p>Complied. Since the TSDf site is already operational, this is an expansion of TSDf phase III; Pre Placement and periodical medical examination of the TSDf site workers Use of personal protective equipment BEIL shall continue the health monitoring program for the employees. It should focus especially on workers who are handling the hazardous waste</p>
Impact on Agriculture and Livestock	No Impact	<p>This is an expansion of TSDf phase-III, area between phase I and Phase II portion of land for setting up of secured Landfill. The area is a barren land without significant vegetation. Hence no impact on the agriculture is envisaged.</p>	<p>Complied. This is an expansion of TSDf phase-III, area between phase I and Phase II portion of land for setting up of secured Landfill. The area is a barren land without significant vegetation. Hence no impact on the agriculture is envisaged.</p>
Storm Water	-	<p>BEIL is providing coverage system with storm water collection and drainage for the utilized area as per the CPCB guidelines. The first coverage system has been provided in the year 2001. Since the top coverage system is provided with proper liner system including HDPE liner, the rainwater is taken care of properly. The rainwater is going through the drainage system without any contamination The rainwater harvesting system is provided based on the technology given by the Center for Science & Environment, New Delhi. Schematic diagram of rainwater harvesting system is given in figure</p>	<p>Complied.</p>

Green Belt		Adequate green belt will be provided by BEIL around the existing site. Area which has been brought under green belt is to the tune of 41,00 sq. m. Green belt will be properly maintained resulting in formation of a thick canopy of trees around the project site.	Complied. Green belt is developed to a tune of 40,500 sq. mt with thick canopy trees around the project site and 2440 sq. mt. in middle area to mitigate the impacts on the overall air quality at the site.
Operation, Maintenance and Closure of the Facility	Contamination of Environment	The site will be operated, maintained and closure of the facility will be done as per approved plan by SPCB and in accordance with guidelines published by CPCB	Complied. The site is being operated, maintained and closure of the facility will be done as per approved plan by SPCB and in accordance with guidelines published by CPCB
Post Closure Phase	Ambient air Quality	Monitoring of ambient air quality for various parameters	Complied. Monitoring of ambient air quality for various parameters is being done.
	Emission from landfill vents	Monitoring of vents for HCs, VOCs, monthly	Complied. Monitoring of vents for HCs, VOCs is being done.
	Leachate Generation	Sampling and analysis of leachate for various parameters, monthly Treatment of generated leachate in Multiple Effect Evaporator	Complied. Sampling and analysis of leachate for various parameters is being done. Treatment of generated leachate is done in Multiple Effect Evaporator or sent to ETL.
	Ground water Monitoring	Monitoring of Ground Water	Complied. Monitoring of Ground Water on regular basis is being conducted.
	Soil contamination	Monitoring of soil samples	Complied. Monitoring of soil samples on regular basis is being conducted.
	Stability of the landfill	Regular inspection and maintenance of the coverage system	Complied. Regular inspection and maintenance of the coverage system is being done.



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 0294**
Issue Date : **13/10/2022**
Customer's Ref. : **W.O.No. 8522230050**
Dated: **21.04.2022**

Description of Sample : **Soil Sample**
Date of Sampling : **03/10/2022** Quantity/No. of Samples : **02 Kg/Four**
Sampling By : **Pollucon Laboratories Pvt. Ltd.** Sampling Procedure : **USEPA/IS 2720 etc.**
Sample Receipt Date : **04/10/2022** Protocol (purpose) : **USEPA/IS 2720 etc.**
Packing/ Seal : **Sealed** Lab ID : **BL/2210/16 & 17**
Date of Starting of Test : **04/10/2022** Test Parameters : **As per table**
Test Method : **USEPA/IS 2720 etc.** Date of Completion of Test : **13/10/2022**

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT	
			BEIL up side (Nr. Laboratory)	BEIL Down side (Nr. HB-7)
1	pH	--	8.35	8.45
2	Conductivity	µmho/cm	1012	749
3	TDS	%	0.313	0.284
4	TOC	%	0.95	0.25
5	Fluoride	mg/L	1.20	1.06
6	Lead Analyzed By TCLP	mg/L	Not Detected	Not Detected
7	Copper Analyzed By TCLP	mg/L	0.14	0.17
8	Chromium Analyzed By TCLP	mg/L	0.044	0.082
9	Mercury Analyzed By TCLP	mg/L	Not Detected	Not Detected
10	Nickel Analyzed By TCLP	mg/L	0.32	0.19
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	1.44	0.94
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	11.6	9.2

ND*: Not Detected


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

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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 0348 Issue Date : 16/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
--	---


Description of Sample	: Soil Sample	
Date of Sampling	: 05/11/2022	Quantity/No. of Samples : 02 Kg/Four
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Sampling Procedure : USEPA/IS 2720 etc.
Sample Receipt Date	: 07/11/2022	Protocol (purpose) : USEPA/IS 2720 etc.
Packing/ Seal	: Sealed	Lab ID : BL/2211/27 & 29
Date of Starting of Test	: 07/11/2022	Test Parameters : As per table
Test Method	: USEPA/IS 2720 etc.	Date of Completion of Test : 16/11/2022

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Behind Shed No.7	NEAR HB-1 (BEHIND LABORATORY)	NEAR HB-7 (NR. SECURITY POINT-4)
1	pH	--	8.37	8.24	8.45
2	Conductivity	µmho/cm	306	1294	456
3	TDS	%	0.32	0.36	0.44
4	TOC	%	0.39	0.98	0.68
5	Fluoride	mg/L	1.22	1.24	0.98
6	Lead Analyzed By TCLP	mg/L	Not Detected	Not Detected	Not Detected
7	Copper Analyzed By TCLP	mg/L	0.45	0.19	0.27
8	Chromium Analyzed By TCLP	mg/L	0.18	Not Detected	0.11
9	Mercury Analyzed By TCLP	mg/L	Not Detected	Not Detected	Not Detected
10	Nickel Analyzed By TCLP	mg/L	0.29	0.68	0.36
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	0.61	0.96	0.55
14	PAH	mg/L	Not Detected	Not Detected	Not Detected
15	Cadmium Analyzed By TCLP	mg/L	Not Detected	Not Detected	Not Detected
16	Manganese Analyzed By TCLP	mg/L	1.34	9.18	1.26

ND*: Not Detected


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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 0349 Issue Date : 16/11/2022 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
--	---

Description of Sample	: Soil Sample	
Date of Sampling	: 05/11/2022	Quantity/No. of Samples : 02 Kg/Four
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Sampling Procedure : USEPA/IS 2720 etc.
Sample Receipt Date	: 07/11/2022	Protocol (purpose) : USEPA/IS 2720 etc.
Packing/ Seal	: Sealed	Lab ID : BL/2211/30 & 32
Date of Starting of Test	: 07/11/2022	Test Parameters : As per table
Test Method	: USEPA/IS 2720 etc.	Date of Completion of Test : 16/11/2022

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			NEAR INCINERATION PLANT	NEAR INDUSTRIAL SOLVENT SIDE	NEAR LANDFILL STABILIZATION AREA
1	pH	--	8.84	8.31	8.52
2	Conductivity	µmho/cm	468	15876	794
3	TDS	%	0.42	1.62	0.3
4	TOC	%	0.51	0.84	0.54
5	Fluoride	mg/L	0.17	0.82	1.31
6	Lead Analyzed By TCLP	mg/L	Not Detected	0.26	Not Detected
7	Copper Analyzed By TCLP	mg/L	0.42	0.21	0.13
8	Chromium Analyzed By TCLP	mg/L	0.094	Not Detected	0.072
9	Mercury Analyzed By TCLP	mg/L	Not Detected	Not Detected	Not Detected
10	Nickel Analyzed By TCLP	mg/L	0.32	0.20	0.46
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	0.71	0.58	0.76
14	PAH	mg/L	Not Detected	Not Detected	Not Detected
15	Cadmium Analyzed By TCLP	mg/L	Not Detected	Not Detected	Not Detected
16	Manganese Analyzed By TCLP	mg/L	5.48	6.36	9.68

ND*: Not Detected


Dr. Arun Bajpai
Lab Manager(Q)

H. T. Shah
Lab. Manager

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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 0370 Issue Date : 14/12/2022 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	: 05/12/2022	Sampling Procedure	: USEPA/IS 2720 etc.
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: USEPA/IS 2720 etc.
Sample Receipt Date	: 06/12/2022	Lab ID	: BL/2212/13 & 14
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 06/12/2022	Date of Completion of Test	: 14/12/2022
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	--	8.41	8.08
2	Conductivity	µmho/cm	1153	739
3	TDS	%	0.39	0.37
4	TOC	%	0.78	0.43
5	Fluoride	mg/L	1.06	0.96
6	Lead Analyzed By TCLP	mg/L	Not Detected	Not Detected
7	Copper Analyzed By TCLP	mg/L	0.29	Not Detected
8	Chromium Analyzed By TCLP	mg/L	0.067	0.086
9	Mercury Analyzed By TCLP	mg/L	Not Detected	Not Detected
10	Nickel Analyzed By TCLP	mg/L	0.55	0.64
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	1.25	0.72
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	2.16	1.65

[#]Detail Provide by Customer.


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0017 Issue Date : 12/01/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
--	--


Description of Sample	: Soil Sample	Quantity/No. of Samples	: 02 Kg/Four
Date of Sampling	: 02/01/2023	Sampling Procedure	: USEPA/IS 2720 etc.
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: USEPA/IS 2720 etc.
Sample Receipt Date	: 03/01/2023	Lab ID	: BL/2301/13 & 14
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 03/01/2023	Date of Completion of Test	: 12/01/2023
Test Method	: USEPA/IS 2720 etc.		

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT	
			BEIL up side (Nr. Laboratory) [#]	BEIL Down side (Nr. HB-7) [#]
1	pH	--	8.21	8.34
2	Conductivity	µmho/cm	1240	890
3	TDS	%	0.4	0.44
4	TOC	%	0.69	0.33
5	Fluoride	mg/L	1.18	0.92
6	Lead Analyzed By TCLP	mg/L	Not Detected	Not Detected
7	Copper Analyzed By TCLP	mg/L	0.25	Not Detected
8	Chromium Analyzed By TCLP	mg/L	0.059	0.076
9	Mercury Analyzed By TCLP	mg/L	Not Detected	Not Detected
10	Nickel Analyzed By TCLP	mg/L	0.62	0.83
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	1.0	0.96
14	PAH	mg/L	Not Detected	Not Detected
15	Cadmium Analyzed By TCLP	mg/L	Not Detected	Not Detected
16	Manganese Analyzed By TCLP	mg/L	10.00	6.34

#Detail Provide by Customer./


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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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/23/0043 Issue Date : 16/02/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
--	--


Description of Sample	: Soil Sample	Quantity/No. of Samples	: 02 Kg/Four
Date of Sampling	: 06/02/2023	Sampling Procedure	: USEPA/IS 2720 etc.
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: USEPA/IS 2720 etc.
Sample Receipt Date	: 07/02/2023	Lab ID	: BL/2302/13 & 14
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 07/02/2023	Date of Completion of Test	: 16/02/2023
Test Method	: USEPA/IS 2720 etc.		

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT	
			BEIL up side (Nr. Laboratory) [#]	BEIL Down side (Nr. HB-7) [#]
1	pH	--	8.39	8.62
2	Conductivity	µmho/cm	978	738
3	TDS	%	0.38	0.29
4	TOC	%	0.83	0.62
5	Fluoride	mg/L	0.92	1.18
6	Lead Analyzed By TCLP	mg/L	Not Detected	Not Detected
7	Copper Analyzed By TCLP	mg/L	0.19	0.35
8	Chromium Analyzed By TCLP	mg/L	0.071	0.073
9	Mercury Analyzed By TCLP	mg/L	Not Detected	Not Detected
10	Nickel Analyzed By TCLP	mg/L	0.44	0.27
11	Cyanide	mg/L	Not Detected	Not Detected
12	Arsenic Analyzed By TCLP	mg/L	Not Detected	Not Detected
13	Zinc Analyzed By TCLP	mg/L	0.56	1.04
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	9.80	11.68

#Detail Provide by Customer./


Dr. Arun Bajpai
Lab Manager(Q)


H. T. Shah
Lab. Manager

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Page: 1 of 1

Customer's Name and Address :

M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002	Test Report No. : PL/BL/23/0066 Issue Date : 13/03/2023 Customer's Ref. : W.O.No. 8522230050 Dated:21.04.2022
--	--

Description of Sample	: Soil Sample	Quantity/No. of Samples	: 02 Kg/Four
Date of Sampling	: 03/03/2023	Sampling Procedure	: USEPA/IS 2720 etc.
Sampling By	: Pollucon Laboratories Pvt. Ltd.	Protocol (purpose)	: USEPA/IS 2720 etc.
Sample Receipt Date	: 04/03/2023	Lab ID	: BL/2303/21 & 22
Packing/ Seal	: Sealed	Test Parameters	: As per table
Date of Starting of Test	: 04/03/2023	Date of Completion of Test	: 13/03/2023
Test Method	: USEPA/IS 2720 etc.		

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT	
			BEIL up side (Nr. Laboratory) [#]	BEIL Down side (Nr. HB-7) [#]
1	pH	--	8.52	8.38
2	Conductivity	µmho/cm	1308	844
3	TDS	%	0.43	0.34
4	TOC	%	0.79	0.51
5	Fluoride	mg/L	0.96	1.02
6	Lead Analyzed By TCLP	mg/L	Not Detected	Not Detected
7	Copper Analyzed By TCLP	mg/L	0.32	0.43
8	Chromium Analyzed By TCLP	mg/L	0.064	0.053
9	Mercury Analyzed By TCLP	mg/L	Not Detected	Not Detected
10	Nickel Analyzed By TCLP	mg/L	0.58	0.66
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	1.12	0.81
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	7.96	10.34

#Detail Provide by Customer.


H. T. Shah
 Lab. Manager


Dr. Arun Bajpai
 Lab Manager(Q)

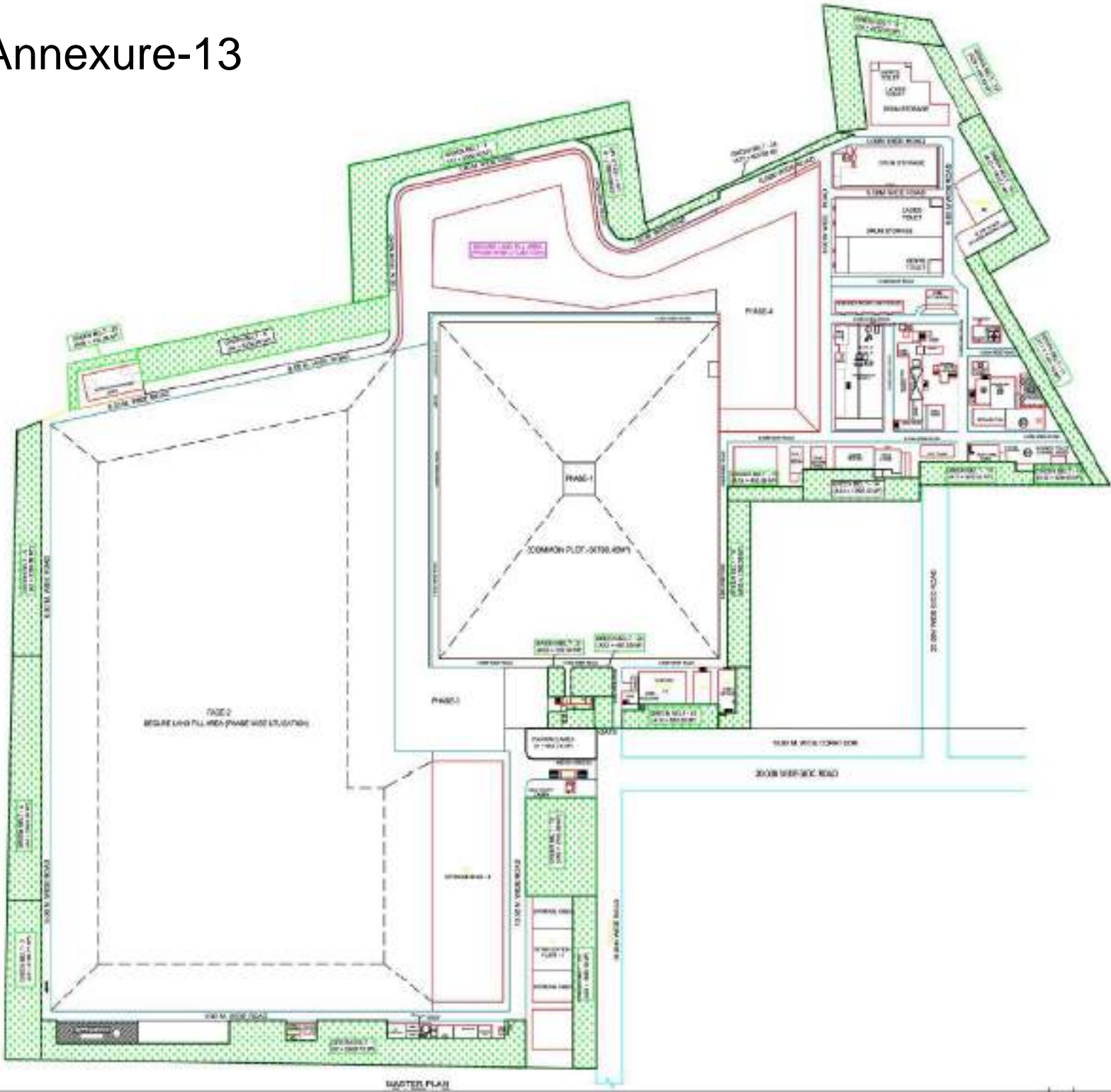
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 ● OHSAS 18001 : 2007
 ● ISO 9001 : 2008

"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

Annexure-13





ગુજરાત ઓદ્યોગિક વિકાસ નિગમ

GUJARAT INDUSTRIAL DEVELOPMENT CORPORATION
 (A GOVT. OF GUJARAT UNDERTAKING)

 OFFICE OF THE EXECUTIVE ENGINEER
 624/B, G.I.D.C. Administrative Office Building,
 GIDC, Ankleshwar-393002
 Phone : (02646) 221351

No./GIDC/XEN/ANK/PB / 1217

Date : -201
17 MAY 2017

To,

M/s Bharuch Enviro Infra.

Structure Ltd

Plot No- 7905/E TO 9929

GIDC

Ankleshwar

 Sub.: Approval of drawing of the proposed / Revised, Extension & Alteration
 Factory Building / Residential Building / Commercial Building on Plot/Shed
 No. 7905/E TO 9929

at G.I.D.C., Ankleshwar.

 Ref : (1) Your letter No. on line Dtd. 15/4/17
 (2) Your letter No. — Dtd. —

Dear Sir,

Gujarat Industrial Development Corporation is pleased to inform you that the plans sent by you are approved by this office for construction subject to the following conditions

- The drawings are subject to approval by the Dy. Director, Industrial Safety & 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 CON SANT.
- 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 boundaries of owners own plot.
- You are requested to obtain the completion certificate from Executive Engineer GIDC, Ankleshwar, after completing the construction 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.

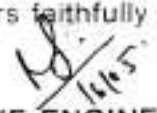
14. The shed _____ is constructed with ream pile foundation hence no excavation upto one meter either side (inside or outside) of wall of sheds shall be done otherwise piles will be exposed and the foundation of sheds may be structurally affected causing damage to shed.
15. Payment of all outstanding 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 Ankal for along with appd Layout plan.

પ્રતિ,

કન્સ્ટ્રક્શન શ્રી.

BEIL INFRASTRUCTURE LTD.

PLOF NO. 7905/E TO 795/H, 7924 TO 7927, 9401 TO G/6 TO 9601 TO 964,
 ૬/૭, 11 TO 13, 9701 TO 9716, 9801 TO 9828, 9901 TO 9906 & 9923 TO 9928.
 GDC ANKLESHWAR, DIST. BHARUCH.

વિષય- સને ૧૯૪૮ના કારખાનાના અધિનિયમ અન્વયેના નકશા મંજૂર કરવા બાબત (વિસ્તૃતીકરણ)

મહોદય,

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 સ્ટ્રેમિલીટી સર્ટીફિકેટ ગુજરાત કારખાનાના નિયમ-૧૯૬૩ના નિયમ-૩(ગ) હેઠળ નક્કી કરેલ નમૂના-૧(એ) માં આપવું. સાથે બાંધકામની સ્ટ્રક્ચરલ ડીટેઇલ, ડીઝાઇન અને ડ્રોઇંગ રજૂ કરવું. ઉપરાંત કારખાનાનું મકાન તેના ફ્લોર સહિત એક ચોરસમીટર ક્ષેત્રફળમાં કેટલું વજન સહન કરી શકશે અને તેની સામે મુકવા ધારેલ વજન એક ચો.મી. માં કેટલું છે. ત્યાં કઈ રીતે બાંધકામ સલામત છે. તેની ગણતરી સહિતની વિગત સ્ટ્રેમિલીટી સર્ટીફિકેટ સાથે રજૂ કરવી. ઉપરાંત બાંધકામની તાકાત લેબોરેટરી ટેસ્ટ કરાવીને તેના પરિણામ સાથે ગણતરીને સરખાવીને રજૂ કરી તે અંગેની જાણ ડાયરેક્ટર ઓફ ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ (કારખાનાના મુખ્ય નિરિક્ષક) ની સ્થાનિક કચેરીએ કરવાની રહેશે.
- (૨) નવું તથા વધારાનું બાંધકામ કરતા અગાઉ સ્થાનિક સત્તાવાળા જેવા કે નગરપાલિકા/નગરપંચાયત/જીલ્લા પંચાયત/ગ્રામ પંચાયત/જાહેર બાંધકામ ખાતું/જી.આઇ.ડી.સી વિગેરેની પાસેથી મંજૂરી મેળવી લેવાની રહેશે.
- (૩) તમારા કારખાનામાંથી નીકળતા વ્યવસાયિક બગાડ જેવા કે, ગંદુ ધાણી, ધુમાડો, ધૂળ કે ગેસ વિગેરેના નિકાલ અંગેની જાણ વાયુ પ્રદૂષણ પાસેથી મંજૂરી મેળવવી.
- (૪) નવા કારખાના માટે નવું બાંધકામ કરેલ હોય તો EODWELFARE & CESS ACT ની જોગવાઈ મુજબ બાંધકામ ની કુલ કિંમતના ૧ ટકા લેખે સેસની રકમ સેસ કલેક્ટર સમક્ષ જમાં કરાવી તેના આધાર/પુરાવા રજૂ કરવાના રહેશે.
- (૫) સક્ષમ અધિકારી દ્વારા મંજૂર કરેલ પ્લાન પ્રમાણે બાંધકામ કરવાનું રહેશે તથા કારખાનામાં બતાવેલ ખુલ્લી રાખવાપાત્ર જગ્યાઈ ખુલ્લી જ રાખવાની રહેશે.
- (૬) કારખાનામાં કામ કરતી વખતે શ્રમચોગીઓની યોગ્ય સલામતીના સાધનો વસાવી પુરાં પાડવાં તેમજ ઈમરજંસી વખતે શ્રમચોગીઓની સહેલાઈથી નીકળી શકે તે માટે રસ્તા/સીડીઓઅડચણ રહીત વ્યવસ્થા કાયમ માટે કરવાની રહેશે.
- (૭) સુધારેલ ગુજરાત ફેક્ટરી ઝુલ્સનાં નિયમ-૬૬(એ) અન્વયે આજ પ્રતિરોધક સાધનો વસાવી નિભાવવાની રહેશે.
- (૮) સૂચિત નકશા રજૂ કરેલ હોઈ ખરેખર બાંધકામ થયા બાદ નકશા મંજૂર કરવા ભલામણ છે.
- (૯) નકશા મંજૂર થયાના ત્રણ માસમાં માન્ય ઇલેક્ટ્રિકલ ડ્રાયર કન્નેન્ટેન્ટ સીસ્ટમ ઇન્સ્ટોલ કરવાની રહેશે.

આપનો વિશ્વાસ

P. N. Shah
 ડાયરેક્ટર

ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ
 ગુજરાત રાજ્ય અમદાવાદ

ક્રમાંક/ડીઆઇએસએચ/અક-નકશા/ ૨૦૨૨ / ૯૨૫૦
 ડાયરેક્ટર ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થની કચેરી
 શ્રમ ભવન ત્રીજો માળ ગન હાઉસની બાજુમાં
 રૂસ્તમકામા માર્ગ ખાનપુર અમદાવાદ-૦૧
 તા. ૪ / ૫ / ૨૦૨૨

નકલ રવાના-

આસી/ડેપ્યુટી ડાયરેક્ટરશ્રી, ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ, BHARUCH ને મંજૂર થયેલ નકશાની નકલ દસ્તાવેજ સહિત જે તા. ૧૧/૦૪/૨૦૨૨ ના પત્ર ક્રમાંક : ૮૦૦ થી મોકલેલ તે આ સાથે દસ્તાવેજ સહિત પરત કરેલ છે.

S/D

ડાયરેક્ટર

ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ
 ગુજરાત રાજ્ય અમદાવાદ



BHARUCH ENVIRO INFRASTRUCTURE LTD.



B. E. I. L. SITE OFFICE : 9701-15, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
 ◆ PHONE : (02646) 253135, 226228

March 24, 2008

Paryavaran Suraksha Samiti
 Vadodara

Kind attn :- Mr Rohit Prajapat

Dear Sir;

Sub :- Environmental Clearance for our TSD Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSD Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

We are enclosing herewith copy of above Environmental Clearance for your kind perusal.

We hope that you will find the same in order.

Thanking you

Yours faithfully

For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
 Sr General Manager (Environment)

Encl : a/a



BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 8731-16, P.P. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
* PHONE : (02646) 253135, 225928

March 24, 2008

Centre for Environment, Science & Community
CESCOM
Vadodara

Kind attn :- Mr Jayesh Patel

Dear Sir,

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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Thanking you

Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a



BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 9/01-16, P.S. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

Safety Health & Environment Association
Kasak Fuvara
Bharuch

Kind attn. :- Mr Yogesh Pandya

Dear Sir,

Sub :- Environmental Clearance for our TSD Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

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Thanking you

Yours faithfully
For, Bharuch Enviro Infrastructure Ltd

DR. P. N. PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a



BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 9701-16, P.S. NO. 82, GIDC, ANKLESHWAR - 383 002., DIST. BHARUCH

PHONE : (02646) 253135, 225228

Mr Pravinbhai P Sheth
Senior Citizen
Ankleshwar

Dear Sir,

Sub :- Environmental Clearance for our TSD Facility

Ref :- Environmental Clearance No. 10-48/2007-IA,III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSD Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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Thanking you.

Yours faithfully

For, Bharuch Enviro Infrastructure Ltd

DR. P. N. PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a



BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 3701-16, P.E. NO. B2, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH

PHONE : (02646) 253135, 225228

B. E. I. E.

March 24, 2008

Paryavaran Mitra
Ahmedabad

Kind attn :- Mr Mahesh Pandya

Dear Sir,

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 1D-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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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 : 9701-16, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253130, 226228

March 24, 2008

Brackish Water Research Center
Olpad
Dist - Surat

Kind attn - Mr. M.S.H. Sheikh

Dear Sir,

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA. III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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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 : 9701-15, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH
PHONE : (02646) 253136, 225228



March 24, 2008

Mr Bipin Upadhyay
Ankleshwar

Dear Sir,

Sub :- Environmental Clearance for our TSD Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

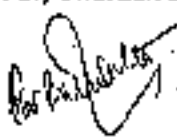
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Thanking you

Yours faithfully,
For, Bharuch Enviro Infrastructure Ltd


DR P N PARAMESWARAN
Sr General Manager (Environment)

Encl : a/a



BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 9701-16, P.S. NO. 82, GIDC, ANKLESHWAR - 383 002, DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

Mr Sandeep Jaguwala, Advocate
Ankleshwar

Dear Sir,

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-1A.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSDF Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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 : S701-16, P.S. NO. 82, GIDC, ANKLESHWAR - 383 002, DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

The Ankleshwar Scrap Dealers' Association
Ansar Market
NH # 8
Ankleshwar

Dear Sir,

Sub :- Environmental Clearance for our TSD Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSD Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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 : 9701-16, P.S. NO. 02, GIDC, ANKLESHWAR - 393 002, DIST. BHARUCH
PHONE : (02646) 253135, 225228

March 24, 2008

Gir Nature Club
Junagadh

Kind attn :- Mr Amit Jethwa

Dear Sir,

Sub :- Environmental Clearance for our TSD Facility

Ref :- Environmental Clearance No: 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSD Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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)

End : a/a

૧ એપ્રિલથી પાલિકાઓમાં કારપેટ એરિયા આધારિત મિલકતવેરો

- રાજ્યની ૧૫૯ નગરપાલિકાઓમાં થનારો અમલ
- રાજ્ય સરકારે ગત વિધાનસભામાં ખરડો પસાર કર્યો હતો

અમદાવાદ, દુબઈ

રાજ્યની ૧૫૯ નગરપાલિકાઓમાં ૧ એપ્રિલ-૦૮થી કારપેટ એરિયા આધારિત મિલકતવેરો વસુલ કરાશે. રાજ્ય સરકારે ગત વિધાનસભામાં આ અંગે ખરડો પસાર કર્યો હતો. કારપેટ એરિયા તરીકે અહારની કે અંદરની હોવાલ જેના પર ઊભી કરાઈ હોય તે વિસ્તાર સિવાયનો ઉંમારતનો વિસ્તાર ગણાશે. આ નવી કોમ્પ્લેક્સ પ્રમાણે દર બે વર્ષે મિલકતવેરામાં ૧૦ ટકાનો વધારો કરાશે. મિલકત વેરાની વસુલાત માટે ૧૫૯ નગરપાલિકાઓને ૪ વિભાગમાં વહેંચી દેવાઈ છે અને દરેક

વિભાગમાં મિલકતવેરાની ગણતરી માટે અલગ અલગ દર નક્કી કરાશે. કારપેટ એરિયા આધારિત મિલકતવેરો નક્કી કરતી વખતે મિલકતનું સ્થળ સીધી પહેલાં જોવાશે. રહેણાંક જો 'સમૂહ વિસ્તાર'માં હશે તો તેનો ભારાંક (લિટિંગ રેટ) રૂ. ૧.૨૫, 'મધ્યમ' વિસ્તાર માટે રૂ. ૧.૦૦ અને 'નબળા' વિસ્તાર માટે ૦.૭૫ પૈસા રખાયો છે. કોમર્શિયલ હેતુની મિલકત જો 'સમૂહ' વિસ્તારમાં હશે તો ભારાંક રૂ. ૧.૫૦, 'મધ્યમ' વિસ્તારમાં હશે તો રૂ. ૧.૨૫ અને 'નબળા' વિસ્તારમાં હશે તો રૂ. ૧.૦૦ રખાશે. બીજા પરિભવ તરીકે બાંધકામનું આયુષ્ય જોવાશે, જેમાં ૨૦ વર્ષ સુધી રૂ. ૧.૦૦, ૨૦થી વધુ પરંતુ ૪૦થી ઓછા વર્ષ માટે ૦.૭૫ પૈસા અને ૪૦ વર્ષથી વધુ જુની ઉંમારત માટે ૦.૫૦ પૈસાનો દર વસુલાશે. જો મિલકત માલિકના તાબે હશે તો ભારાંક રૂ. ૧.૦૦ અને ભાડુઆતના તાબે (ટેનેન્ટ) હશે તો રૂ. ૧.૨૫નો

મિલકતવેરો કેવી રીતે ગણાશે ?

મિલકત વેરાની રકમ = જુનું છે અને મકાનમાલિક પોતે મિલકતનું કોન્ટ્રાક્ટ (ચો.મી.) ઉપયોગમાં લે છે.
 ચો.મી. દીઠ વેરાનો દર (+૧) પારો કે મિલકતવેરાનો દર પ્રતિ
 ટ મિલકતનું સ્થળ (+૨) ચો.મી. રૂ. ૫ રાંખવામાં આવે તો
 મિલકતનું આયુષ્ય (+૩) ટ ચો.મી. દીઠ રૂ.૫ ટ ૭૫ =
 મિલકતનો પ્રકાર (+૪) રૂ.૩૭૫
 ગણતરી મુકવાથી જે રકમ હવે નવી કોમ્પ્લેક્સ મુજબ,
 આવશે તે જે તે મિલકતપારકની ૩૭૫ ટ ૧.૨૫ (+૧) ટ ૧
 મિલકતનો વાર્ષિક મિલકતવેરો (મિલકતની ઉંમર) (+૨) ટ ૧
 ગણાશે. (ઉપયોગ) (+૩) ટ ૦.૭૫
 પારો કે કોઈ એક (બાંધકામનો પ્રકાર) (+૪) = ૩૭૫
 નગરપાલિકામાં ૭૫ ચો.મી.નું ટ ૧.૨૫ ટ
 રહેણાંકનું મકાન (ફ્લેટ પ્રકારનું) ૧.૦૦ ટ ૦.૭૫ = ૩૫૧.૫૧
 સમૂહ વિસ્તારમાં છે. તે ૧૦ વર્ષ મિલકતવેરો.

ભારાંક રહેશે. બાંધકામ જો સ્વતંત્ર પ્લોટનાં બાંધકામ માટે ભારાંક અંગલો હશે તો રૂ. ૧.૨૫, ૦.૫૦ પૈસા રહેશે. કોમર્શિયલ ટેનામેન્ટ-રોહાઉસ હશે તો ઉપયોગ માટે રૂ. ૪.૦૦નો ભારાંક રૂ. ૧.૦૦, ફ્લેટ હશે તો ૦.૭૫ પૈસા, પોલ- શહેરી વિસ્તારમાં વેરહાઉસ વગેરે) જ્યારે કુકાન-રહેણાંકનાં મકાનો હશે તો ૦.૭૫ હોટેલ, રેસ્ટોરન્ટ, થિયેટર વગેરે પૈસા તથા ચાલી તથા ખુલ્લા માટે રૂ. ૩.૦૦નો ભારાંક રહેશે.

ભરૂચ એન્વીરો ઇન્ફ્રાસ્ટ્રક્ચર લી.

પ્લોટ નં. ૯૬૦૧ થી ૯૬૦૪, ૧૦૦૧ થી ૧૦૦૩ જી-૭ અને ૮, ૭૯૨૪ થી ૭૯૨૭, ૯૪૦૧ થી ૯૪૧૨, ૯૫૦૧ થી ૯૫૦૬, ૭૯૦૫ થી ૭૯૦૬, ૯૯૦૧ થી ૯૯૦૮ અને ૯૯૨૩ થી ૯૯૨૮ જીઆઇડીસી અંકલેક્ષ્વર ૩૯૩૦૦૨, જી. ભરૂચ, ગુજરાત

ટી.એસ.ડી. એફ સુવિધા માટે પર્યાવરણીય મંજુરી વિસ્ત્રુતીકરણ અને કોમન ઇન્શીઅરન્સ સુવિધાઓ

આ સાથે જણાવવામાં આવે છે કે ભારત સરકારના વન અને પર્યાવરણ મંત્રાલયે પત્ર ક્રમાંક 10-4 B/2007 IA.III તા. ૦૪-૦૩-૨૦૦૮ દ્વારા મે. ભરૂચ એન્વીરો ઇન્ફ્રાસ્ટ્રક્ચર લી., અંકલેક્ષ્વરને ટી.એસ.ડી.એફ. સુવિધાના વિસ્ત્રુતીકરણ માટે પર્યાવરણીય મંજુરી પ્રદાન કરેલ છે. મંજુરી પત્રની પ્રતી ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ તથા વન અને પર્યાવરણ મંત્રાલયની વેબ સાઇટ www.envfor.nic.in પર પણ જોઈ શકાય છે.

SARFAESI Act 2002 and S I E Rules 2002 હેઠળ ઍકના કલખા વાળી સ્થાવર મિલકતની વેચાણની જાહેર હરાજી

નીચે શીકમુલ માં જણાવેલ ખાતેદારની તેમા જણાવેલ મિલકત ઍકે શીકમુલકારોએ કન્ટ્રીફાઇન ઍક્ટ હાજરવણીવલ હેરોલ્ડ એક્ટ-૨૦૦૨ તમા કન્ટ્રીફાઇન ઍક્ટ શીકમુરી કન્ટ્રીફાઇન કલ્સ ૨૦૦૨ હેઠળની નોટીસ તારીખ ૩-૧૦-૦૭ ના રોજ વલ્લુ કરેલ છે. આધારે તેઓએ રૂપિયા ૨૧૪૨૩૪૭.૦૦ તમા વ્લાય તમા કલ્પા ખર્ચ સહિતની રકમ ભરવાની ઠાલી નીકળી છે. તેઓ આ રકમ ભરવા બદલ સફળ થયા ન હોવાથી શીકમુ વાળી શીકમુ કરેલી મિલકત તારીખ ૨૦-૦૩-૦૮ ના રોજ તેનું પડેરાન ઍકે લખ ધર્મીની જાહેરલ તા.૨૧-૦૩-૦૮ અને ૨૨-૦૩-૦૮ ના રોજ ટેલિઝ પેરામાં પ્રગટ થઈ છે.

સદર હું મિલકતનું વેચાણ "જે છે, જ્યાં છે અને જેમ છે." તે હોરો જાહેર હરાજી તારીખ ૨૨-૦૪-૦૮ ના રોજ ઠપોરમા ૨.૦૦ લાકડે લીચે સહિ કરનારની ઍકેથી ઍકેઈ ખાતે વેચાણ કરવામાં આવશે. સદર હું હરાજીમાં ઠગ લેનારે શીકમુલ્ય કરવામાં ઍકે નીચે સહિ કરનારને તે દિવસ ના ઠપોરમા ૧.૦૦ લાકડે સુધીમાં ખાતવણની રકો ઍકેઈ કરનારને ઍકેઈર સાથે પોતાની ઠપોરખની સહીથી સાચી રૂપિયા ૧,૨૫,૦૦૦.૦૦ ની કિર્મતનો ઍકે ઍકેઈ બરોડા ઍકેઈરા શાખાના લખનો ક્રાફ્ટ પેપરોઈર દ્વારા જ હરાવાના રહેશે. ઍકેઈર સ્પિટર સચેતી ખરીદ કિર્મતની ૫૦% રકમ ઍ દિવસમાં જ હરાવાણી રહેશે તેમજ ઠાકીની ૫૦% રકમ ઍકેઈર સ્પિટર થવાલા ૧૦ દિવસ

1. હસ્તાક્ષર/પ્રમાણપત્ર સાથેલ કરવામાં આવે. ૦૨. ખાનગી વ્યક્તિઓના પ્રમાણપત્ર જેના માટે આ



o/c

BHARUCH ENVIRO INFRASTRUCTURE LIMITED

BEIL-PH-III/MoEF/03

Date: 19.12.2014

To;
 Ministry of Environment, Forest and Climate Change
 Indira Paryavaran Bhawan
 Jal Block, 2nd Floor.
 Jor Bagh Road, Aliganj, New Delhi-110003

Recd. on 22/12/14
 Received by Mr. [Signature]
 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.: U45300GJ1887PLC032696

Works Office : Plot No. 9701-18 GIDC Estate, Post Box No. 92, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)

Phone: (02848) 253136, 225228 - Fax : (02848) 222649 - E-mail : panjwanja@uniphos.com

Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002, Dist: Bharuch. (Gujarat)

		application is attached as Annexure :2
7. A copy of the clearance letter shall be marked to the concerned panchayat/local NGO, if any, from whom any suggestion/representation has been received while processing the proposal	Partially Complied No documentary evidence was submitted	1) We have marked EC copy to concerned, local NGO's from whom suggestions representation have received during processing of the proposal. Copies of letters are attached as Annexure :6
9. The project proponent should advertise at least in two local newspapers widely circulated in the region around the project one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the Gujarat State Pollution Control Board and may also be seen at website of the ministry of environment & forests at http://www.envfor.nic.in	Partly Complied Only one copy of advertisement submitted	1) We have given advertisement in papers SANDESH dated 22.03.2008, THE INDIAN EXPRESS dated 22.03.2008 Copy advertisements are attached as Annexure: 7(a) and Annexure: 7(b)

		<p>loss as per the acceptance criteria for landfill. (Copy of comprehensive analysis report is attached as Annexure :4 (a))</p> <p>(Copy of analysis report is available in our Half yearly Environmental Audit (Jan- 2014 to June-2014) carried out by Schedule-1 Auditor is attached as Annexure:4(b))</p>
<p>11.</p> <p>Project proponent shall carry out periodical/groundwater/soil monitoring in and around the site to check the contamination including TCLP test for heavy metals</p>	<p>Partly Complied</p> <p>1) Water quality analytical reports of May 2012, November 2012 and May-2014 are showing higher concentration of Nickel and Chromium</p> <p>2) No consistency in submission of half yearly report along with compliance status</p>	<p>1) We have checked the analytical reports of May 2012, November 2012 and May-2014. The limit of 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 Annexure :5</p> <p>2) We have obtained EC in March,2008. We have set up second incinerator in 2012. As the project was not implemented, we have not submitted report earlier. We are regularly submitting half yearly compliance report from January, 2012. The first half yearly report was submitted for July to Dec,2011. Copies of acknowledgements are attached as Annexure:1</p>
<p>13</p> <p>Green belt development to a tune of 41,000 sq mts with thick canopy trees around the project site should be taken up to mitigate the impacts on the overall air quality at the site</p>	<p>Partly Complied</p> <p>1) 12,285 saplings have been grown covering an area of 50,000 Sq. Meters. Includes part of greenbelt and plantation over capped cells.</p>	<p>1) We have developed greenbelt in total area of 50,000 Sq. Meters. Approx 12485 Nos. of Plantation done. Development of greenbelt is a continuous process as long as site is operational.</p>

As per the END NOTE maximum conditions are complied and we are given details regarding specific point No. 6 and 7.

Pt No. 6: We have successfully uploaded our Compliance report on our website at http://www.tatvaglobal.com/about_tatva.php

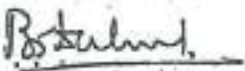
Copy of the Website page is attached as *Annexure: 9*

Pt No. 7: Minutes of Public hearing conducted, are attached as *Annexure: 10* for your ready reference.

We hope that the above is in order. We humbly request you to make correction in the above certificate

Thanking You

Yours faithfully,
For, Bharuch Enviro Infrastructure Ltd.


B. D. Dalwadi
Chief Executive Officer

C.C to

Dr. A. Mehrotra , Director(S)
Ministry of Environment and Forests
Regional Office , Western Region,
Kendriya Paryavaran Bhawan
Link Road No.3
E-5 , RavishankarNagar
Bhopal- 462016

Annexure: 8 (b)

श्री अरुण कृष्ण बैंक ऑफ़ इंडिया

BLANK ANNEXURE 7

Page No. 11/11

M/s. Anand Krishi Infrastructure Ltd
 Plot No. 177 G/DG
 Anand Nagar, 193002

Dear Sir,

Re: Sanction of various credit facility

We refer to your request for review with increase sanction of various credit facility Rs. 31.31 Crore as per detail given in copy given hereunder and are pleased to inform that we 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 compliance of all the terms and conditions and securities in the enclosed ANNEXURE 8 (a) copy herewith).

review with increase sanction the following (in Crores):

S. No.	Nature of facilities	Existing	Proposed
1	Working Capital	0.00	0.00
2	Term Loan / Capital Expenditure	3.50	3.17
3	Term Loan / Capital Expenditure	2.39	6.00
4	Demand Loan Against Inventory	2.00	14.14
	Total Fund Based	5.89	13.31
	Non Fund Based		
	Joint Liability (with other bank)	0.00	0.00
	Post Non Fund Based	0.00	0.00
	Total Term Loan	5.89	13.31

The above facilities are subject to the terms and conditions of the credit agreement and the right to cancel the facilities at any time on the ground of non-compliance with the terms and conditions of the facility.

The bank reserves the right to discontinue the facilities and to withdraw the credit facilities at any time if the borrower fails to comply with the terms and conditions of the credit agreement.

The bank also reserves the right to discontinue the facilities and to withdraw the credit facilities at any time if the borrower fails to comply with the terms and conditions of the credit agreement.

The above facilities are subject to the terms and conditions of the credit agreement and the right to cancel the facilities at any time on the ground of non-compliance with the terms and conditions of the facility.

Yours faithfully,

For Anand Krishi Infrastructure Ltd.

(Signature)
 Director

- a) At each 30th of September, the borrower shall pay to the lender out of any and all of the bank's funds available for the purpose the sum of Rs. 1000/- (one thousand rupees) & subject to the above.
- b) The borrower is to ensure that the entire amount payable here as scheduled. In case of total default, the lender's matter is to be referred to the appropriate authority for the required measures.

a) Nature of Facility : Demand Loan (Against Government Subsidy)

	Existing	Proposed
Amount	Rs. 200000000	Rs. 140000000
Purpose	To bridge the gap of SUBSIDY (equity) to be provided by Govt. for the Construction and Purchase of New & extension of Power Capital expenditure.	
Rate of Interest	14%	14%
Period	24 Months	24 Months
Security	Movable and Immovable assets, deposits, etc. as per the schedule of assets attached herewith.	

Nature of Facility	Performance, Index of Financial Condition, etc. as per the schedule of assets attached herewith.
Terms	As per the schedule of terms and conditions attached herewith.
Interest	As per the schedule of interest rates attached herewith.
Repayment	As per the schedule of repayment terms attached herewith.
Other Conditions	As per the schedule of other conditions attached herewith.

Handwritten signature and date at the bottom left of the page.

Address:

1. The Bank shall be held responsible for the payment of the loan in accordance with the terms of the loan agreement and the conditions of the following types of guarantees and collateral assets:
 - a) Guarantees being valid from the day of publication of this document for a period of 10 years, except in cases of debts backed by 100% of the net worth of the guarantor in respect of deposits in their own bank (Bank of Spain, Bank of Valencia, etc.)
2. The Bank Guarantee issued by the Branch shall not constitute a cause of liability for payment of interest. The liability of the Bank should be clearly determined in words and in writing, if necessary, the guarantee form should be presented to the Legal Office of Regional Office.
3. In case of backed BVI, no further guarantee should be required from Regional Office.

Collateral securities: All the above credit facilities to be secured by first and exclusive charge on immovable and movable assets of the company situated in Spain (from 01/01/1971 to 01/10, 0801 to 0808, 0901 to 0906, 0923 to 0928 (all kinds of forms) (Spain) 7001 to 7006, 7024 to 7027, 0907 to 0412, 0501 to 0506, 0601 to 0604, 0701 to 0704, 0801 to 0804) (Spain) (see attached list of assets).

Complete by each with an Agreement and attached up the documents to be presented to the Bank as collateral assets according to values guaranteed by Bank. Initial value of the assets is:

Terms & Conditions to be complied with before a Disbursement of the loan in case of final fees:

1. The Company shall be responsible for the payment of the loan in accordance with the terms of the loan agreement and the conditions of the following types of guarantees and collateral assets:
 - a) Guarantees being valid from the day of publication of this document for a period of 10 years, except in cases of debts backed by 100% of the net worth of the guarantor in respect of deposits in their own bank (Bank of Spain, Bank of Valencia, etc.)
 2. The Bank Guarantee issued by the Branch shall not constitute a cause of liability for payment of interest. The liability of the Bank should be clearly determined in words and in writing, if necessary, the guarantee form should be presented to the Legal Office of Regional Office.
 3. In case of backed BVI, no further guarantee should be required from Regional Office.
2. The company shall be responsible for the payment of the loan in accordance with the terms of the loan agreement and the conditions of the following types of guarantees and collateral assets:
 - a) Guarantees being valid from the day of publication of this document for a period of 10 years, except in cases of debts backed by 100% of the net worth of the guarantor in respect of deposits in their own bank (Bank of Spain, Bank of Valencia, etc.)
3. The Bank Guarantee issued by the Branch shall not constitute a cause of liability for payment of interest. The liability of the Bank should be clearly determined in words and in writing, if necessary, the guarantee form should be presented to the Legal Office of Regional Office.
4. In case of backed BVI, no further guarantee should be required from Regional Office.

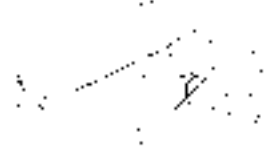
OTHER GENERAL TERMS AND CONDITIONS

1. The Company shall be responsible for the payment of the loan in accordance with the terms of the loan agreement and the conditions of the following types of guarantees and collateral assets:
 - a) Guarantees being valid from the day of publication of this document for a period of 10 years, except in cases of debts backed by 100% of the net worth of the guarantor in respect of deposits in their own bank (Bank of Spain, Bank of Valencia, etc.)
2. The Bank Guarantee issued by the Branch shall not constitute a cause of liability for payment of interest. The liability of the Bank should be clearly determined in words and in writing, if necessary, the guarantee form should be presented to the Legal Office of Regional Office.
3. In case of backed BVI, no further guarantee should be required from Regional Office.

8. The Borrower is to pay up front fee, processing charges, stamp charges, the inspection charges, non-mortgage charges, stamp charges, inspection charges as applicable at the sanctioned rate as stated in the Bank form time to time.
9. The proper books of accounts, stock register and records of machinery to be maintained as per the Bank's requirements and to be made available to the Bank's representative during inspection.
10. The secured charges to the Bank are to be inspected on a monthly / quarterly / half yearly intervals, as per Bank's guidelines. Inspection charges for the 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 the inspection or valuation of assets of the Company, which are charged to the Bank from time to time by Bank's office / technical experts / external agencies / Banks / management consultants / or valuers. The repetition of such charges so incurred will be borne by the Company.
12. Bank's name are to be displayed prominently at the place of office, office on hypocausted machinery and also at the place of stockpile by other related goods.
13. All money advanced to be advanced by the Bank will be subject to the Bank's approved set form application. The borrower shall not be allowed to cash the advance in full or a part to be drawn by the borrower and the Bank authorities or has reasons to believe that the borrower is using it for any other purpose. The bank shall have the right to withdraw the advance if the borrower does not comply with the conditions of the advance.
14. The Company shall provide the following details to the Bank:
 - (a) Details of the assets, liabilities and other financial details of the Company.
 - (b) Details of the assets, liabilities and other financial details of the Company.
 - (c) Details of the assets, liabilities and other financial details of the Company.
 - (d) Details of the assets, liabilities and other financial details of the Company.
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 - (z) Details of the assets, liabilities and other financial details of the Company.
15. Valuation Reports prepared by the Company shall be subject to the charges to be levied and to be made available to the Bank's approved Architect/Engineer/Valuer once in every 12 months. In some cases, the Bank may require a valuation report to be prepared for the purpose of the advance and all the charges to be advanced to the Bank.
16. The Company shall provide the following details to the Bank:
 - (a) Details of the assets, liabilities and other financial details of the Company.
 - (b) Details of the assets, liabilities and other financial details of the Company.
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17. The facilities to be provided in a period of 12 months shall be subject to satisfactory conditions and performance of the borrower. The borrower shall be required to submit the details of the assets, liabilities and other financial details of the Company to the Bank once in every 12 months. The borrower shall be required to submit the details of the assets, liabilities and other financial details of the Company to the Bank once in every 12 months.
18. The Company shall provide the following details to the Bank:
 - (a) Details of the assets, liabilities and other financial details of the Company.
 - (b) Details of the assets, liabilities and other financial details of the Company.
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19. In case of any default in the payment of the loan or interest thereon, the Bank or RBI will have an unqualified right to increase or call for the amount of the loan or Directors / shareholders as delinquent in such manner as may be determined by the Bank or the RBI in their absolute discretion, they shall be.
20. The Company and the Directors / Shareholders will be and is jointly and severally liable of them is related in any form or of our Bank / any other Bank in the world and of any staff of our bank.
21. The Company could keep the Bank informed of the happening of the event that is likely to have substantial effect on the profit / business or conduct of the Company adversely affecting its financial position.
22. The Company will use our banking facilities for its current business requirements.
23. Final interest will be charged @ 10.00% + 2.00% per annum per Bank's money for the following irregularities.
 - a. Non / Delayed payment of principal and / or interest due, to exceed over the limit.
 - b. Non / Delayed submission of proceeds of the Bank accounts, (S.A. / current / etc.) for payment of the bills.
 - c. Non / Delayed payment of invoice bills to / cashed bills.
 - d. In the event of any irregularity on the part of the Company, the Bank's decision of this matter (at the discretion of the Bank).
 - e. Non compliance of any financial covenant undertaken by the Company.
24. The Company is to observe all the terms and conditions of the loan agreement as set forth in the schedule to the loan agreement.
25. The Company shall be liable to pay interest on the loan as per the schedule to the loan agreement.
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29. Can you be sure that the value of $\frac{dy}{dx}$ at any point (x, y) on the curve is the same as the slope of the tangent line to the curve at that point? Why or why not? (The demand curve on the graph is a straight line.)

30. Use the data in the table to find $\frac{dy}{dx}$ from the data of velocity.





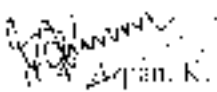
CERTIFICATE

We have verified the relevant records and project report as shown to us by Bhavnagar Environ Infrastructure Ltd. having registered office at Plot No. 9701, GIDC, Ankleshwar, Dist. Bhavnagar, Gujarat and based on that we hereby certify that the projected source of fund towards expenditure proposed to be incurred to complete the expansion of existing landfill and 2nd Common Incinerator plant at GIDC, Ankleshwar was as under:

Sr. No.	Particulars	Amount (Rs. in Lacs)
1.	Own Fund (Internal Accruals)	110.75
2.	Subsidy (State and Central Government)	10.00
3.	Bank Loan	10.00
	Total	130.75

This certificate is issued at the request of the concerned S.O. in the letter No. 100/2014 Environment and Forests (M.O.F.), Regional Office, Bhavnagar.

For, Surti & Talati
 Chartered Accountants
 FRN - 141997-W


 Arjun K. Surti
 Partner
 Membership No. 127136
 Ankleshwar, dated 18th December 2014

**BEIL INFRASTRUCTURE LIMITED**

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY**TEST REPORT**

Annexure-18

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	Gas Vent Sample		
Sample Quantity:	1	Sampling Date:	08-OCT-2022
Sampling Location:	Landfill Site Phase-1	Sample Received Date:	08-OCT-2022
Sample Collected By:	By BEIL	Sampling Procedure:	By Instrument
Packing Details:	VOC Metter, Dragan Pump	Analysis Start Date:	08-OCT-2022
Fuel:	Not Applicable	Analysis Completion Date:	24-DEC-2022
Sampling Start Date & Time:	08-OCT-2022 11:00	Sample Type:	Other Sample
Sampling End Date & Time:	08-OCT-2022 11:00	Sampling Duration:	Not Applicable

Landfill Phase - I Analysis of Gas Vent

Sr. No.	Location	VOC			H ₂ S		
		Results in ppm			Results in ppm		
		08-OCT-22	12-NOV-22	24-DEC-22	08-OCT-22	12-NOV-22	24-DEC-22
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -03	BDL	0.1	BDL	BDL	BDL	BDL
4	VENT -04	0.1	BDL	BDL	BDL	BDL	BDL
5	VENT -05	0.1	BDL	0.1	BDL	BDL	BDL
6	VENT -06	BDL	BDL	BDL	BDL	BDL	BDL

Remarks: Report is an Quarterly Basis..

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

For BEIL Infrastructure Ltd.


 AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	Gas Vent Sample		
Sample Quantity:	1	Sampling Date:	08-OCT-2022
Sampling Location:	Landfill Site Phase-1	Sample Received Date:	08-OCT-2022
Sample Collected By:	By BEIL	Sampling Procedure:	By Instrument
Packing Details:	VOC Metter, Dragan Pump	Analysis Start Date:	08-OCT-2022
Fuel:	Not Applicable	Analysis Completion Date:	24-DEC-2022
Sampling Start Date & Time:	08-OCT-2022 11:00	Sample Type:	Other Sample
Sampling End Date & Time:	08-OCT-2022 11:00	Sampling Duration:	Not Applicable

Landfill Phase - II Analysis of Gas Vent

Sr. No.	Location	VOC			H ₂ S		
		Results in ppb			Results in ppm		
		08-OCT-22	12-NOV-22	24-DEC-22	08-OCT-22	12-NOV-22	24-DEC-22
1	VENT -01	BDL	BDL	0.1	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	0.1	BDL	BDL	BDL	BDL
6	VENT -06	BDL	BDL	BDL	BDL	BDL	BDL
7	VENT -07	BDL	BDL	BDL	BDL	BDL	BDL
8	VENT -08	BDL	BDL	0.1	BDL	BDL	BDL
9	VENT -09	BDL	BDL	BDL	BDL	BDL	BDL
10	VENT -10	BDL	BDL	BDL	BDL	BDL	BDL
11	VENT -11	BDL	BDL	BDL	BDL	BDL	BDL
12	VENT -12	BDL	BDL	BDL	BDL	BDL	BDL
13	VENT -13	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	BDL
17	VENT -17	BDL	BDL	0.1	BDL	BDL	BDL
18	VENT -18	BDL	BDL	BDL	BDL	BDL	BDL
19	VENT -19	BDL	0.1	BDL	BDL	BDL	BDL
20	VENT -20	BDL	BDL	BDL	BDL	BDL	BDL
21	VENT -21	BDL	BDL	BDL	BDL	BDL	BDL
22	VENT -22	BDL	BDL	BDL	BDL	BDL	BDL



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

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	0.1	BDL	BDL	BDL	BDL
27	VENT -27	BDL	BDL	BDL	BDL	BDL	BDL
28	VENT -28	BDL	BDL	BDL	BDL	BDL	BDL
29	VENT -29	BDL	BDL	BDL	BDL	BDL	BDL
30	VENT -30	BDL	BDL	BDL	BDL	BDL	BDL
31	VENT -31	BDL	BDL	BDL	BDL	BDL	BDL
32	VENT -32	BDL	BDL	BDL	BDL	BDL	BDL
33	VENT -33	BDL	BDL	0.1	BDL	BDL	BDL
34	VENT -34	BDL	BDL	BDL	BDL	BDL	BDL
35	VENT -35	BDL	BDL	BDL	BDL	BDL	BDL
36	VENT -36	BDL	BDL	BDL	BDL	BDL	BDL
37	VENT -37	BDL	BDL	BDL	BDL	BDL	BDL
38	VENT -38	BDL	BDL	BDL	BDL	BDL	BDL
39	VENT -39	BDL	BDL	BDL	BDL	BDL	BDL
40	VENT -40	BDL	0.1	BDL	BDL	BDL	BDL
41	VENT -41	BDL	BDL	BDL	BDL	BDL	BDL
42	VENT -42	BDL	BDL	BDL	BDL	BDL	BDL
43	VENT -43	BDL	BDL	BDL	BDL	BDL	BDL
44	VENT -44	BDL	BDL	BDL	BDL	BDL	BDL
45	VENT -45	BDL	BDL	BDL	BDL	BDL	BDL
46	VENT -46	BDL	BDL	BDL	BDL	BDL	BDL
47	VENT -47	BDL	BDL	BDL	BDL	BDL	BDL
48	VENT -48	BDL	BDL	BDL	BDL	BDL	BDL
49	VENT -49	BDL	BDL	BDL	BDL	BDL	BDL

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

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	Gas Vent Sample		
Sample Quantity:	1	Sampling Date:	14-Jan-2023
Sampling Location:	Landfill Site Phase-1	Sample Received Date:	14-Jan-2023
Sample Collected By:	By BEIL	Sampling Procedure:	By Instrument
Packing Details:	VOC Metter, Dragan Pump	Analysis Start Date:	14-Jan-2023
Fuel:	Not Applicable	Analysis Completion Date:	22-Mar-2023
Sampling Start Date & Time:	14-Jan-2023 11:30	Sample Type:	Other Sample
Sampling End Date & Time:	14-Mar-2023 11:30	Sampling Duration:	Not Applicable

Landfill Site Phase-1 Analysis of Gas Vent

Sr.No	Location	VOC			H ₂ S		
		Results in ppm			Results in ppm		
		14-JAN-23	18-FEB-23	22-MAR-23	14-JAN-23	18-FEB-23	22-MAR-23
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -03	BDL	0.6	BDL	BDL	BDL	BDL
4	VENT -04	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT -05	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT -06	0.4	BDL	BDL	BDL	BDL	BDL
7	VENT -07	BDL	BDL	BDL	BDL	BDL	BDL

Remarks: Report is an Quarterly Basis..

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	Gas Vent Sample		
Sample Quantity:	1	Sampling Date:	14-Jan-2023
Sampling Location:	Landfill Site Phase-2	Sample Received Date:	14-Jan-2023
Sample Collected By:	By BEIL	Sampling Procedure:	By Inst
Packing Details:	VOC Metter, Dragan Pump	Analysis Start Date:	14-Jan-2023
Fuel:	Not Applicable	Analysis Completion Date:	22-Mar-2023
Sampling Start Date & Time:	14-Jan-2023 11:30	Sample Type:	Other Sample
Sampling End Date & Time:	14-Mar-2023 11:30	Sampling Duration:	Not Applicable

Landfill Site Phase-2 Analysis of Gas Vent

Sr. No.	Location	VOC			H ₂ S		
		Results in ppb			Results in ppm		
		14-JAN-23	18-FEB-23	22-MAR-23	14-JAN-23	14-FEB-23	22-MAR-23
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -03	BDL	0.6	BDL	BDL	BDL	BDL
4	VENT -04	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT -05	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT -06	BDL	BDL	BDL	BDL	BDL	BDL
7	VENT -07	BDL	BDL	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	BDL	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



BEIL INFRASTRUCTURE LIMITED

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ANALYTICAL RESEARCH LABORATORY

TEST REPORT

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ISO 14001 & ISO 45001 Certified Laboratory

25	VENT -25	BDL	0.2	BDL	BDL	BDL	BDL
26	VENT -26	BDL	BDL	BDL	BDL	BDL	BDL
27	VENT -27	BDL	BDL	BDL	BDL	BDL	BDL
28	VENT -28	BDL	BDL	BDL	BDL	BDL	BDL
29	VENT -29	BDL	BDL	BDL	BDL	BDL	BDL
30	VENT -30	BDL	BDL	BDL	BDL	BDL	BDL
36	VENT -36	BDL	0.1	BDL	BDL	BDL	BDL
37	VENT -37	BDL	BDL	BDL	BDL	BDL	BDL
38	VENT -38	BDL	BDL	BDL	BDL	BDL	BDL
39	VENT -39	BDL	BDL	BDL	BDL	BDL	BDL
40	VENT -40	BDL	BDL	BDL	BDL	BDL	BDL
41	VENT -41	BDL	BDL	BDL	BDL	BDL	BDL
42	VENT -42	BDL	BDL	BDL	BDL	BDL	BDL
43	VENT -43	0.1	BDL	0.1	0.1	BDL	BDL
44	VENT -44	0.1	BDL	BDL	BDL	0.1	BDL
45	VENT -45	BDL	BDL	BDL	BDL	BDL	BDL
46	VENT -46	BDL	BDL	BDL	BDL	BDL	BDL
47	VENT -47	BDL	BDL	BDL	BDL	BDL	BDL
48	VENT -48	BDL	BDL	BDL	BDL	BDL	BDL
49	VENT -49	BDL	BDL	BDL	BDL	BDL	BDL

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

For BEIL Infrastructure Ltd.


AUTHORIZED SIGNATORY
MR. SATHISHKUMAR GADDAM
(TECHNICAL MANAGER)



(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	Beil Infrastructure Limited		
Project Address:	Plot No.9701-16, Gidc Industrial Estate		
Town:	Anklesvar (ina)	Block:	Anklesvar
District:	Bharuch	State:	Gujarat
Pin Code:			
Communication Address:	Plot No. 9701-16, Gidc Industrial Estate, Anklesvar, Bharuch, Gujarat - 393002		
Address of CGWB Regional Office :	Central Ground Water Board West Central Region, Swami Narayan College, Building, Shah Alam Tolnaka, Ahmadabad, Gujarat - 380022		

1. NOC No.:	CGWA/NOC/IND/ORIG/2021/10974											
2. Application No.:	21-4/5672/GJ/IND/2020	3. Category: (GWRE 2017)	Safe									
4. Project Status:	Existing Project		5. NOC Type:	New								
6. Valid from:	10/02/2021	7. Valid up to:	09/02/2024									
8. Ground Water Abstraction Permitted:												
	Fresh Water		Saline Water		Dewatering		Total					
	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year	m ³ /day	m ³ /year				
	527.00	192355.00										
9. Details of ground water abstraction /Dewatering structures												
	Total Existing No.:1						Total Proposed No.:0					
	DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu
Abstraction Structure*	0	0	1	0	0	0	0	0	0	0	0	0
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps												
10. Ground Water Abstraction/Restoration Charges paid (Rs.):							1154130.00					
11. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.	No. of Piezometers						Monitoring Mechanism					
							Manual	DWLR**	DWLR With Telemetry			
**DWLR - Digital Water Level Recorder	2						0	1	1			

(Compliance Conditions given overleaf)

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

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

Mandatory conditions:

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

General conditions:

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

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



BHARUCH ENVIRO INFRASTRUCTURE LIMITED

To,
Member Secretary,
Gujarat Pollution Control Board
Paryavaran Bhavan,
Sector-10, Gandhinagar.

Date: 9.01.2016

Subject: EC for Common Hazardous Waste Secured Landfill Phase-III vide letter F.No.10-10/2014-IA.III dated 31/12/2015.

Dear Sir,

BEIL is operating a Common facility consisting of secured land filling and Incinerator system and located at plot No # 9701-9716, 9801-9828, 9901-9928, 9601-9604, 10001-10008, G-7 & 8, 7924-7927, 9401-9412, 9501-9506, 7905 E To H, GIDC estate, Ankleshwar-393002, Dist. Bharuch, Gujarat.

We have received **Environmental Clearance** vide letter **F.No.10-10/2014-IA.III** dated **31/12/2015** form Ministry of Environment Forest and climate Change for the Common Hazardous waste Secured Landfill.

With Respect to General Condition no. vii of the said Environmental clearance letter, we request you to display this copy at your website www.gpcb.gov.in, for 30 days.

The Copy of the same is attached herewith for your kind Information and records.

Thanking You,

For, Bharuch Enviro Infrastructure Ltd

B.D. Dalwadi

Chief Executive Officer

Copy to:

✓ Mr. K.C. Mistry, Sr. Environment Scientist
Gujarat Pollution Control Board
Paryavaran Bhavan,
Sector-10, Gandhinagar.

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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

07/06/2022
 Gujarat Pollution Control Board
 Head Office
 Sector No. 10-A,
 Gandhinagar-382010

Dear Sir,

Subj: - Environmental Statement for the year 2021-2022

We are forwarding herewith Environmental Statement for our JSDF 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 - 390 002 Dist. Bharuch, for the year 2021-2022.

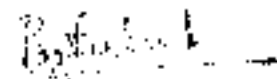
We got CCA renewal vide order no. AWJ-89137 on date 02.11.2017 and is valid up to 31.07.2022.

We hope that the above is in order.

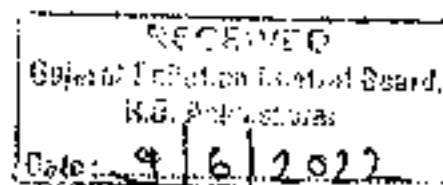
Thanking you

Yours faithfully,

For: **BEIL Infrastructure Limited**


 Mr. V. D. Dalwadi
 (Chief Executive Officer)

CC : The Regional Officer
 Gujarat Pollution Control Board
 Ankleshwar



ENVIRONMENTAL STATEMENT

Environmental Statement for the financial year ending 31st March 2022

PART - A

01	Name and address of the owner / occupier of the industry / operation or process		Chairman – Mr. Rajjubhai D. Shroff Director – Mr. Ashok Panjwani Operator – Mr. B.D. Dalwadi		
			BEIL INFRASTRUCTURE LIMITED 9701 – 9716, GIDC Estate, Ankleshwar – 393 002		
02	Industry Category	Primary – STC Code	-		
		Secondary – SIC Code	-		
03	Production capacity	Units	NO.	Product	Capacity
			1	Secured landfill site	34,58,000 MT (Cell-1 &: 23,00,000 MT (Closed)) (Cell-3: 14,58,000 MT (operational))
			2	Incineration Facility along with heat recovery system	1) First incinerator- 6.5 million Kcal/Hr (60 MTD) 2) Second incinerator- 6.5 Million Kcal/Hr (60 MTD)
			3	Multi Effective Evaporator System (Integrated with incinerator)	15 MT/Hr.
			4	Plastic Granules (Recyclable)	75 MT/M
			5	Processing of plastic waste to reuse as RDF	100 MT/M
			6	Drum-Decontamination and disposal system	1,08,000 Nos./Year
			7	Pre-Processing facility	Waste mix Liquid – 16,000 MTPA Waste mix Solid – 10,000 MTPA
			8.	E - waste collection, storage, transportation, dismantling and recycling	700 MTPA
04	Year of establishment	Landfill in -1997, 1 st Incinerator in – 2005, 2 nd Incinerator – 2011, Multiple Effect Evaporator (MEE) – 2012 Plastic recovery plant started in 2016 E-waste plant started in 2020			
05	Date of the last Environmental Statement submitted		29.06.21		

PART - B
Water and Raw Material Consumption

(1) Water consumption m³ / day

Water consumption	:	145.53 m ³ /day	
Process	:	57.15 m ³ /day	
Cooling	:	64.24 m ³ /day	
Domestic + Gardening & Landfill construction	:	24.15 m ³ /day	

Sr. No.	Name of Products (*)			Process Water Consumption per unit of product output	
				During the previous financial year	During the current financial year
1.	Sr. No.	Facility	Actual Qty. during the year 2021-22	Note: We are an integrated TSDF site and therefore no production activity expect production of plastic granules takes place at site.	
	1	Secured Land Fill Site (Phase I, II & III)	263020.15 MT		
	2	Common Incineration Facility Along With Heat Recovery System	20258.46 MT		
	3	MEE	71686.02 MT		
	4	Plastic Granules (Recyclable)	332.66 MT		
	5	Processing of Plastic Waste to reuse as RDF	NIL		
	6	Drum Decontamination and Disposal System	20708 Nos.		
	7	Pre-Processing facility	37546.11 MT		
	8	E- waste collection, storage, transportation, dismantling and recycling	311.365 MT		
(*)	Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw material used.				

(2) Raw Material Consumption

<i>Sr. No.</i>	<i>Name of Products (*)</i>	<i>Consumption of raw material (in Kgs)</i>	
		<i>During the previous financial year</i>	<i>During the current financial year</i>
1	(Common Secured Landfill Facility & Common Incinerator Facility)	Fly Ash: 3820000 Cement: 9906000 Lime: 3307464 Activated Carbon:30734 Caustic: 7340886	Fly Ash: 5553000 Cement: 8865000 Lime: 2897480 Activated Carbon: 25650 Caustic: 6413415

PART - C

Pollution discharged to environment / unit of output

(Parameters as specified in the Consent issued)

Sr. No.	Pollution	Quantity of pollutants discharged (Mass/day)	Concentrations of pollutants in discharges (mass / volume)	Percentage of variation from prescribed Standards with reasons
A	Water	<p>27169 KL of Leachate collected from Leachate well of Secured landfill facility. Out of this – 27129 KL treated in MEE and 40 KL is sent to CETP for treatment and disposal during the year.</p> <p>29759 KL of Wastewater generated from Scrubber (Bleed) of Incinerator plant. Out of this 1238.50 KL send to MEE reused in GCT (quencher) of incinerator plants.</p> <p>30949 KL of condensate water generated from Multiple effect evaporation plant. Out of which 4890 KL is sent CETP for treatment and disposal.</p>	The Leachate is neutral containing trace organics and impurities. Attached as Annexure_9	Within limit
B	Air	Generated pollutant from Secured landfill & Incinerator plant are negligible.	From Incinerator stacks: SPM < 50 mg/Nm ³ SOx < 200 mg/Nm ³ NOx < 400 mg/Nm ³ SPD, Scrubbers, Boiler stack, DG stack Attached as Annexure_10	Within limit

Part – D
Hazardous Waste

(As specified under Hazardous Waste and other waste (Management, Handling and Transboundary movement) rules- 2016)

Hazardous Wastes		Total Quantity (MT)	
		During the previous financial year 2020-21	During the current financial year 2021-22
A	From Process	(*)	(*)
B	From pollution control facilities (generation)	13281.77 MT Qty Ash generated from Combustion chamber 6045.02 MT from dry scrubber (Lime Ash) 0.0 MT Non- Hazardous waste 12134.01 MT salt generated from MEE plant	14498.55 MT Qty Ash generated from Combustion chamber 5553.54 MT from dry scrubber (Lime Ash) 0.0 MT Non- Hazardous waste 16536.703 MT salt generated from MEE plant
	Quantity re-cycled or re-utilized within the unit	6045.02 MT of Lime ash generated from incinerator used for pre-treatment (stabilization) of Landfill waste. 21961 KL of leachate water generated from landfilling treated in MEE plant	5553.540 MT of Lime Ash generated from incinerator used for pre-treatment (stabilization) of Landfill waste. 27129 KL of leachate water generated from landfilling treated in MEE plant
	Total quantity disposed of for landfill	243125.41 MT	263020.15 MT
	Total quantity incinerated	22086.327 MT	20258.46 MT
*This is being a TSDF Facility (Common Secured Landfill Facility & Common Incinerator facility), different types of wastes permitted for landfill & Incineration by GPCB, are collected from member industries and disposed at the site.			

Part – E
Solid Waste

Solid Wastes		Total Quantity (Kgs)	
		During the previous financial year 2020 – 21	During the current financial year 2021 – 22
a	From Process	(*)	(*)
b	From pollution control facilities	(*)	(*)
c	1) Quantity recycled or re-utilized within the unit		
	(2) Sold		
	(3) Disposed		
(*)	This being a TSDF Facility (Centralized Secured Landfill Facility & Common Incinerator Facility), different types of hazardous wastes permitted by GPCB, are collected from member industries, and disposed at the site landfill, Incineration or MEE as per CPCB guideline.		

Part – F

Please specify the characteristics (in terms of composition and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

M/s. BEIL Infrastructure Limited is having Secured Landfill Facility, Common Incineration System and Multiple Effect Evaporator (MEE) Plant. In developed portion of secured landfill, BEIL INFRASTRUCTURE LIMITED is receiving wastes according to the acceptance criteria for secured landfilling. If waste is not meeting criteria for direct landfilling, necessary treatment like neutralization / stabilization etc are given. Developed portion of secured landfill is covered with soil and layers of liners as per CPCB Guideline. Leachate generated is treated at the MEE/CETP.

BEIL Infrastructure Limited is having a Common Incineration System consisting of rotary kiln, post combustion chamber and air pollution control system. In post combustion chamber, temperature above 1100 °C is maintained. Various types of wastes like liquid organic waste, aqueous waste, solid waste, tarry waste etc are incinerated. The burnt ace generated from Secondary combustion chamber and lime ash generated from the dry scrubber (Bag filter) are disposed at the secured landfill. The bleed water generated from wet scrubber of Incinerator is being sent to CETP for further treatment and disposal. BEIL INFRASTRUCTURE LIMITED has installed the second incinerator with capacity of 6.5 Million K Cal /Hr @ 2.5 MT / Hr along with Heat recovery in month of October 2011 and is in operation.

MEE is in operation for treating high TDS effluent streams from Member industries. We are also treating leachate/scrubber solution in the MEE.

BEIL Infrastructure Limited is sending organic liquid & solid waste for co-processing to M/s Ambuja cement Ltd.- Kodinar. M/s Birla Corporation Ltd.- Chanderia, Rajasthan. M/s Shree Cement Ltd.- Rajasthan. M/s Nuvoco vistas Corporation Ltd., Nimbahera, Rajasthan. M/s Ultratech Cement, Dhar, Madhya Pradesh. M/s JK Cement Works, Mangrol, Nimbharia, Rajasthan. M/s JK Cement Works, Kailashnagar, Nimbharia, Rajasthan, M/s. Ambuja cement Ltd.- Bhatapara, Chattisgarh,. M/s ACC Ltd.- Jamul, Chattisgarh, M/s Ultratech – Neemuch , Madhya Pradesh. M/s Nuvco- Sonidha, Chattisgarh. M/s. Wonder cement Ltd. Chittorgarh, Rajasthan. M/s. J.K. Cement Works, Muddapur, Karnataka for sending pre-process waste for co-processing.

Part – G

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

The Company has implemented Environmental Management System Standards ISO 14001:2015 and ISO – 18001:2018 and helped in improving overall environmental condition and Safety of the unit.

This being a TSD Facility (Common Secured Landfill Facility & Common Incinerator Facility), there is no processing activity. We are collecting solid / hazardous wastes from our members and treating & disposing off. We are drawing samples from every truck coming to our site and a Quick Analysis is done for pH, Moisture Content and Organic Content, Paint Filter Liquid Test etc. Also, we are verifying whether waste is uniform and is not having any obnoxious smell. Also, detailed analysis of solid / hazardous waste samples are done at the laboratory. During monsoon period, the site is kept covered. We have also provided a storage facility for keeping the solid / hazardous wastes collected during monsoon. Leachate generated from the landfill is sent to in house MEE /CETP for treatment.

During the year, we have provided top coverage for the developed and utilized portion of the landfill. The liner system provided for the top coverage is as per the Criteria for Hazardous Waste Landfills published by CPCB in 2000. At the top of the cover, vegetative cover is also provided

Existing Land Filling Site (Phase –I): Top cover landscape work completed.

Expanded new Land Filling Site (Phase –II): final closure of Cell-1, Cell-2, Cell-3, Cell-4 (part), Cell-5 (part), Cell-6 (part), Cell-8 (part), Cell-7 (part), Cell-9 (part), Cell-10, Cell-11(part). Cell-12(part) was completed. Cell- 4, Cell-5 (part), Cell-6 (part), Cell-7 (part), Cell-8 (part), Cell-9 (part), Cell-11(part), Cell-12(part), Cell-13 (part), Cell-14 (part) is under operation. Closure -8 over Cell 5(part), Cell-6(pat), Cell-7 (part), Cell-9 (part), Cell-11(part), Cell-12 (part) is in progress.

Land filling Site (Phase –III): Construction work of Cell 1 to Cell-4 is completed. Cell-2 (part), Cell-3, Cell-4 is currently under operation. Closure-1-over, [Cell-1(part)] is completed.

Hazardous wastes (Incinerable wastes) generated by member industry have been collected & thermally destroyed in our Incinerator Plant. The system is designed to meet CPCB norms for emission standard for Hazardous Wastes Incinerator.

We have Incineration system and provided various components as per the CPCB guideline for a Common Incinerator Facility. The system provided consists of Rotary kiln, Secondary Combustion Chamber, Quencher (Evaporative Cooler), Lime/Carbon Injection System, Bag Filter, Wet Scrubber, ID Fan, Chimney & Continuous Monitoring System.

BEIL Infrastructure Limited is sending organic liquid & solid waste for co-processing M/s Ambuja cement Ltd.- Kodinar. M/s Birla Corporation Ltd.- Chanderia, Rajasthan. M/s Shree Cement Ltd.- Rajasthan. M/s Nuvoco vistas Corporation Ltd., Nimbahera, Rajasthan. M/s Ultratech Cement, Dhar, Madhya Pradesh. M/s JK Cement Works, Mangrol,Nimbharia,

Rajasthan. M/s JK Cement Works, Kailashnagar, Nimbharia, Rajasthan. BEIL Infrastructure Limited has also applied for CCA amendment for inclusion of name of M/s. Ambuja cement Ltd.- Bhatapara, Chattisgarh,. M/s ACC Ltd.- Jamul, Chattisgarh, M/s Ultratech – Neemuch , Madhya Pradesh. M/s Nuvco- Sonidha, Chattisgarh for sending pre-process waste for co-processing.

BEIL Infrastructure Limited have installed two incinerator with capacity of 6.5 million K cal/Hr @ 2.5 MT/ Hr each along with Heat recovery system. Generated steam is being utilized in Multi Effect Evaporation system (MEE).BEIL Infrastructure Limited have installed Multi effect evaporation system (MEE) which is energy efficient compare to other evaporation system.

Part – H

Addition measures / investment proposal for environmental protection including abatement of pollution, prevention of pollution.

Total investment for environmental protection including abatement of pollution, prevention of pollution is approx. **Rs 100.81 Lacs** during the year 2021 – 2022. Details are as follows:

- Temporary shed Expenses
- For incinerable waste processing: New waste processing Shed. Scrubber Piping Replaced

Part – I

Any other particulars for improving the quality of the environment.

- BEIL Infrastructure Limited has implemented Environmental Management System Standards ISO 14001:2015 and ISO – 45001:2018. This is the first and only Secured Landfill in India, which has implemented ISO 14001:2015 and ISO – 45001:2018. Implementation of ISO 14001:2015 and ISO – 45001:2018 has helped in improvement of the environmental protection and Safety.
- For the design of secured landfill PHASE – IV, guidance is sought from Indian Institute of technology (IIT), New Delhi, who are the experts in the areas of hazardous waste management. All the designs are approved from IIT, New Delhi.
- BEIL Infrastructure Limited is maintaining a proper Manifest system as per the Hazardous Waste and other waste (Management and Handling) Rules 2016. This helps in keeping proper records.
- The storages of Incinerable Hazardous waste are designed and maintained as per the Incinerable Hazardous waste storage guideline published by CPCB in November – 2008.
- Laboratory has been augmented. Laboratory got recognition of NABL & MoEF&CC.
- Green belt is developed around the periphery.
- BEIL Infrastructure Limited has installed weather monitoring system.
- BEIL Infrastructure Limited has installed odour control system with spray, in and around plant area.

- BEIL Infrastructure Limited has installed online AAQMS for SO₂, NO_x, CH₄S, Cl₂, VOC, HF, H₂S & Ozone.
- BEIL Infrastructure Limited has installed online stack monitoring system and data is reflected to CPCB & GPCB office portal continuous.

For,

BEIL Infrastructure Limited, Ankleshwar.

B. D. Dalwadi
(Chief Executive Officer)

ANNEXURE – 1

Disposal/Production during the year 2021-22 (product wise)

Sr. No.	Facility	Consented Qty.	Actual Qty. during the year 2021-22
1	Secured Land Fill Site (Phase I, II & III)	37,58,000 MT	263020.15 MT
2	Common Incineration Facility along With Heat Recovery System	13 Million Kcal/Hour (120 MTD)	20258.46 MT
3	MEE	15 MT/Hour	71686.02 MT
4	Plastic Granules (Recyclable)	75 MT/M	332.66 MT
5	Processing of Plastic Waste to reuse as RDF	100 MT/M	NIL
6	Drum Decontamination and Disposal System	1,08,000 Nos/Year	20708 Nos.
7	Pre-processing facility	Waste mix Liquid – 16,000 MTPA Waste mix Solid – 10,000 MTPA	37546.11 MT
8	E – waste Recycling Process	700 MT/Year	311.365 MT

Annexure- 2

WASTE GENERATION AND DISPOSED DETAILS

Cat.:33.1-Empty barrels/containers/liners contaminated with hazardous chemicals /wastes sold to approved recycler

Month	Opening stock	Generation	To disposal facility/recycler	Closing Stock
All quantity in MT				
Apr.'21	16.485	29.595	0.000	46.080
May.'21	46.080	32.700	48.750	30.030
Jun.'21	30.030	77.520	92.030	15.520
Jul.'21	15.520	47.900	49.180	14.240
Aug.'21	14.240	59.600	66.740	7.100
Sep.'21	7.100	45.580	48.710	3.970
Oct.'21	3.970	49.050	44.010	9.010
Nov.'21	9.010	44.450	6.860	46.600
Dec.'21	46.600	48.700	88.000	7.300
Jan.'22	7.300	37.710	41.715	3.295
Feb' 22	3.295	38.600	27.790	14.105
Mar' 22	14.105	64.680	62.630	16.155
Total		576.085	576.415	

Sr. No.	Name and Address of approved recycler / scrap Processors	Authorization details
01	M/s. ALKA CHEMI PACK PVT. LTD. Plot No: 408-A, Shivalik-5, Near Mahalaxmi crossroad, Paldi, Ahmedabad.	Consent Order no.: AWH-104066 valid up to 09.09.24

Annexure – 3
WASTE GENERATION AND DISPOSED DETAILS

Cat.: 35.3 - Chemical Sludge from wastewater treatment (MEE plant)

Month	Opening stock	Generation	To disposal facility at BEIL	Closing Stock
All quantity in MT				
Apr.'21	00	1104.595	1104.595	00
May.'21	00	1256.730	1256.730	00
Jun.'21	00	1404.418	1404.418	00
Jul.'21	00	1698.780	1698.780	00
Aug.'21	00	1768.350	1768.350	00
Sep.'21	00	1487.520	1487.520	00
Oct.'21	00	1370.340	1370.340	00
Nov.'21	00	1064.400	1064.400	00
Dec.'21	00	1029.870	1029.870	00
Jan.'22	00	1401.600	1401.600	00
Feb' 22	00	1490.710	1490.710	00
Mar' 22	00	1459.400	1459.400	00
Total		16536.71	16536.71	

Note: Generated MEE salt is disposed of immediately in the Common Secured Landfill Facility after checking its quality as per the acceptance criteria and there is no storage facility.

Annexure - 4

WASTE GENERATION AND DISPOSED DETAILS
Cat.: 37.2 - Ash from incinerator & flue gas cleaning residue

Month	Opening stock	Generation		To disposal facility at BEIL		Closing Stock
		Burn Ash	GCT Ash	Burn Ash	GCT Ash	
All quantity in MT						
Apr.'21	00	724.44	769.88	724.44	769.88	00
May.'21	00	800.35	497.78	800.35	497.78	00
Jun.'21	00	516.35	470.49	516.35	470.49	00
Jul.'21	00	781.42	274.2	781.42	274.2	00
Aug.'21	00	797.31	521.03	797.31	521.03	00
Sep.'21	00	663.16	562.55	663.16	562.55	00
Oct.'21	00	556.628	255.31	556.628	255.31	00
Nov.'21	00	716.416	388.409	716.416	388.409	00
Dec.'21	00	963.65	426.17	963.65	426.17	00
Jan.'22	00	973.15	338.79	973.15	338.79	00
Feb' 22	00	926.05	261.01	926.05	261.01	00
Mar' 22	00	923.4	390.75	923.4	390.75	00
Total		9342.324	5156.369	9342.324	5156.369	

Note: Generated Ash is disposed off immediately in the Common Secured Landfill Facility after checking its quality as per the acceptance criteria and there is no storage facility.

Annexure – 5

WASTE GENERATION AND DISPOSED DETAILS

Cat.: 5.1 – Used / spent Oil

Month	Opening stock	Generation	Reused for plant maintenance	Closing Stock
All quantity in Litres				
Apr.'21	210	80	40	250
May.'21	250	0	20	230
Jun.'21	230	40	20	250
Jul.'21	250	80	40	290
Aug.'21	290	80	80	290
Sep.'21	290	0	80	210
Oct.'21	210	20	20	210
Nov.'21	210	40	120	130
Dec.'21	130	100	20	210
Jan.'22	210	20	80	150
Feb' 22	150	0	0	150
Mar' 22	150	40	0	190
Total	2580	500	520	2560

Annexure – 6

LANDFILLING DETAILS

QUANTITY OF SOLID / HAZARDOUS WASTE RECEIVED

DURING APRIL- 2021 TO MARCH – 2022

<i>Sr No</i>	<i>Month</i>	<i>Quantity</i>
All quantity in MT		
1	April- 2021	31579.095
2	May- 2021	23239.88
3	June -2021	12372.25
4	July -2021	11599.30
5	August -2021	10838.32
6	September -2021	8345.295
7	October -2021	10261.14
8	November-2021	25609.90
9	December -2021	25617.61
10	January- 2022	36253.32
11	February- 2022	35059.09
12	March - 2022	32244.947
TOTAL		263020.145 MT

INCINERATION DETAILS
QUANTITY OF INCINERABLE WASTE RECEIVED, TREATED AND DISPOSED OFF
DURING APRIL- 2021 TO MARCH- 2022
Opening stock (01.04.2021): 2548.498 MT

Month	Waste Received (MT)						Waste Incinerated (MT)					
	AQUEOUS	ORG. LIQUID	SEMI SOLID	SOLID	TARRY	TOTAL	AQUEOUS	ORG. LIQUID	SEMI SOLID	SOLID	TARRY	TOTAL
April- 2021	365.51	391.81	374.395	506.427	18.155	1656.297	484.809	605.764	440.113	388.168	71.059	1989.913
May- 2021	804.15	316.315	477.205	436.956	14.06	2048.686	563.275	370.282	433.594	481.451	20.770	1869.372
June -2021	976.91	543.25	661.35	582.425	29.75	2793.685	466.08	338.118	469	187.814	17.198	1478.21
July -2021	1591.245	304.265	699.005	599.635	26.48	3220.630	616.761	360.326	403.648	287.820	20.610	1689.165
August -2021	1584.23	741.214	593.835	637.39	7.02	3563.689	748.809	485.409	480.029	333.925	12.431	2060.603
September -2021	1218.54	729.07	461.925	574.208	25.775	3009.518	532	529.196	324.829	319.577	26.913	1732.515
October -2021	1917.085	788.88	624.03	884.67	15.6	4230.265	479.382	239.707	270.036	538.927	1.433	1529.485
November-2021	1526.035	743.91	493.61	544.532	13.385	3321.472	551.907	213.671	243.023	356.22	4.278	1369.099
December -2021	1802.125	614.565	444.56	668.461	21.63	3551.341	515.423	198.796	472.97	414.024	37.415	1638.628
January- 2022	2013.74	427.935	370.47	593.93	36.27	3442.345	615.946	278.118	432.977	520.577	21.372	1868.990
February- 2022	1536.15	481.63	460.535	589.627	22.865	3090.807	485.826	379.838	292.13	184.014	64.56	1406.368
March - 2022	1910.69	592.83	493.825	606.426	13.605	3617.376	552.606	428.528	275.393	361.457	8.128	1626.112
Total	17246.41	6675.67	6154.75	7224.69	244.60	37546.11	6612.82	4427.75	4537.74	4373.97	306.17	20258.46

Total **17945.46 MT** waste sent for co-processing, closing stock as on (31.03.2022): **1890.701 MT.**

Annexure – 7

WASTE GENERATION AND DISPOSED DETAILS

Cat.: 37.3 - Concentration or evaporation residue (Pre-Processing)

Month	Opening stock	Generation	Dispatch Qty.	Closing Stock
				All quantity in MT
Apr.'21	0.000	432.789	432.789	0.000
May.'21	0.000	413.844	413.844	0.000
Jun.'21	0.000	732.967	732.967	0.000
Jul.'21	0.000	1450.497	1450.497	0.000
Aug.'21	0.000	1423.166	1423.166	0.000
Sep.'21	0.000	1467.131	1467.131	0.000
Oct.'21	0.000	2044.558	2044.558	0.000
Nov.'21	0.000	2116.804	2116.804	0.000
Dec.'21	0.000	2089.162	2089.162	0.000
Jan.'22	0.000	1919.836	1919.836	0.000
Feb' 22	0.000	1669.615	1669.615	0.000
Mar' 22	0.000	2185.092	2185.092	0.000
Total		17945.461	17945.461	

Note: Waste sent for co-processing at M/s. Ambuja cements Ltd., Kodinar. M/s Birla Corporation Ltd.- Chanderia, Rajasthan. M/s Shree Cement Ltd.- Rajasthan. M/s Nuvoco vistas Corporation Ltd., Nimbahera, Rajasthan. M/s Ultratech Cement, Dhar, Madhya Pradesh. M/s JK Cement Works, Mangrol, Nimbharia, Rajasthan. M/s JK Cement Works, Kailashnagar, Nimbharia, Rajasthan. M/s. Ambuja cement, Bhatapara, Chhattisgarh. M/s. ACC Limited, Jamul, Chhattisgarh, M/s Nuvoco vistas Corporation Ltd., Sonidha, Chhattisgarh, Rajasthan. M/s JK Cement Works, Muddapur, Karnataka.

Annexure - 8

Quantity of Plastic Granules from plastic waste

Month	Opening stock	Qty of Plastic granules made	Dispatch Qty.	Closing Stock
				All quantity in MT
Apr.'21	0.000	25.08	25.08	0.000
May.'21	0.000	27.20	27.20	0.000
Jun.'21	0.000	28.02	28.02	0.000
Jul.'21	0.000	26.06	26.06	0.000
Aug.'21	0.000	30.11	30.11	0.000
Sep.'21	0.000	14.46	14.46	0.000
Oct.'21	0.000	18.80	18.80	0.000
Nov.'21	0.000	22.03	22.03	0.000
Dec.'21	0.000	35.17	35.17	0.000
Jan.'22	0.000	41.42	41.42	0.000
Feb' 22	0.000	31.88	31.88	0.000
Mar' 22	0.000	32.43	32.43	0.000
Total		332.660	332.660	

Annexure - 9

Analysis report of Leachate generation

Date of monitoring	Leachate Generation	pH	CHLORIDE (mg/l)	Ammonical Nitrogen (mg/l)	Total Alkalinity (mg/l)	TSS (mg/l)	TDS (mg/l)	SULPHATE (mg/l)	Total Hardness as CaCO ₃ (mg/L)	COD (mg/l)	BOD (mg/l)
April ' 21	1920.00	7.05 - 8.37	116724.00	2228.62	9930.68	1726.13	251091.20	28778.10	5755.68	29719.30	9853.12
May ' 21	2283.00	7.02 - 8.15	116396.40	2204.37	9397.50	1724.81	251262.90	27363.10	5651.37	30073.40	9853.12
June ' 21	2570.00	6.90 - 8.20	115011.30	2124.12	9402.63	1727.00	238434.80	71439.56	5645.87	28586.00	9306.25
July ' 21	2653.00	7.00 - 8.19	114214.40	2123.94	9234.13	1730.29	238434.80	26330.00	5716.44	28600.00	9306.25
August ' 21	2594.00	7.02 - 8.22	114780.00	2123.13	9271.63	1725.00	239290.00	26130.00	5716.44	28290.00	9306.25
September ' 21	2433.00	7.05 - 8.29	110730.00	2123.13	9068.07	1732.19	224527.90	26189.00	5716.44	28199.00	9234.38
October ' 21	2240.00	6.68 - 8.48	112720.00	2238.00	8932.75	1636.68	235640.00	27060.00	5675.31	45900.93	9300.00
November ' 21	2095.00	6.63 - 8.42	113800.00	2215.18	10288.75	1728.12	29030.00	29030.00	5693.90	28000.25	9412.50
December ' 21	2240.00	6.95 - 8.45	113013.40	2207.68	10049.31	1729.93	28565.79	28565.79	5655.25	28247.44	6412.95
January ' 22	2128.00	6.81 - 8.34	115765.60	2248.88	10176.31	1744.31	240851.19	26104.84	5678.13	28773.00	9581.25
February ' 22	1913.00	6.90 - 8.20	142250.50	2271.38	10292.50	1771.38	241294.50	26236.20	5687.25	29034.81	9637.19
March ' 22	2104.00	7.04 - 8.66	114045.10	2272.69	10268.00	1772.56	240393.00	26151.81	5703.88	29279.56	9673.75

Date of monitoring	Leachate Generation	Fluoride (mg/l)	phenolic compound (mg/l)	Lead (mg/l)	Cadmium (mg/l)	Copper (mg/l)	Nickel (mg/l)	Zinc (mg/l)	Arsenic (mg/l)	Mercury (mg/l)	Total Cr (mg/l)	Cr (VI) (mg/l)	Iron (mg/l)	Sodium (mg/l)
April ' 21	1920.00	0.70	44.50	1.12	0.12	0.51	1.11	1.01	BDL	BDL	0.25	BDL	17.27	40568.75
May ' 21	2283.00	0.73	45.70	1.40	0.19	0.39	0.90	1.52	BDL	BDL	0.42	0.01	3.18	40634.38
June ' 21	2570.00	0.77	48.27	1.60	0.14	0.33	1.05	1.39	BDL	BDL	0.42	BDL	2.90	40643.75
July ' 21	2653.00	0.55	44.50	1.15	0.09	0.31	0.79	1.39	BDL	BDL	0.31	BDL	2.58	40856.25
August ' 21	2594.00	0.52	51.40	0.77	0.08	0.33	1.02	1.52	BDL	BDL	0.26	BDL	2.30	40575.00
September ' 21	2433.00	0.51	52.77	0.78	0.37	0.35	1.12	1.85	BDL	BDL	0.30	0.40	2.76	40575.00
October ' 21	2240.00	0.55	53.27	0.77	0.13	0.27	1.20	1.24	BDL	BDL	0.35	BDL	2.81	40900.00
November ' 21	2095.00	0.56	54.78	0.56	0.11	0.25	1.27	1.75	BDL	BDL	0.35	BDL	2.98	40850.00
December ' 21	2240.00	0.56	55.32	0.57	0.11	0.18	1.33	1.72	BDL	BDL	0.36	BDL	2.92	40131.25
January ' 22	2128.00	0.56	56.65	0.64	0.14	0.19	1.54	1.68	<0.001	<0.001	0.40	<0.05	3.09	39975.00
February ' 22	1913.00	0.55	61.59	0.64	0.14	0.21	1.46	1.69	<0.001	<0.001	0.39	<0.05	3.01	41311.25
March ' 22	2104.00	0.52	61.36	0.61	0.14	0.27	1.38	1.57	<0.001	<0.001	0.37	<0.05	3.10	41768.75



012
BHARUCH ENVIRO INFRASTRUCTURE LIMITED

Ref.:BEIL/ANK/MoEF/2017

Date: 12.08.2017

PCB ID: 14983

To,
Mr. B. B. Barman, Scientist F
Ministry of Environment, Forest & Climate Change
Western Region Office,
Kendriya Paryavaran Bhavan,
Link Road No.3, E-5 Ravishankar Nagar
Bhopal-462016

Sub: Environmental Clearance received for Proposed Enhancement of Capacity change in configuration of Incinerator Plant at BEIL, Ankleshwar unit.

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

Dear Sir,

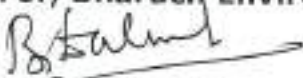
With Reference to the aforesaid Environmental Clearance F. No. 10-10/2014-IA-III dated 1st August, 2017, which we have received on 08-August-2017 for enhancement of capacity change in configuration of the incinerator installed at Common Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF) at BEIL, Ankleshwar unit.

As mentioned in the EC condition No. 6, it has to be published in newspaper within 7 days from the date of receipt of the clearance letter in at least two local newspapers. We would like to inform that we have published in English (Times of India) on 11th Aug, 2017 and a vernacular language, Gujarati (SANDESH & Divya Bhaskar) Newspapers on 10th Aug, 2017.

The copies of the stated three newspapers are attached herewith for your reference and record.

Thanking you,

Yours Faithfully,
For, Bharuch Enviro Infrastructure Ltd.


B. D. Dalwadi
Chief Executive Officer

C.C: (1) Member Secretary
Gujarat Pollution Control Board
Paryavaran Bhavan, Sector-10/A, Gandhinagar-382010
(2) Regional Officer
Gujarat Pollution Control Board
Ankleshwar

Received
Gujarat Pollution Control Board
RQ Ankleshwar
15/8/17

CIN No.: U45300GJ1997PLC032696

Works Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)
Phones (02648) 253135, 225228 • Fax : (02646) 222849 • E-mail : panjwani@uniphos.com
Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002, Dist.: Bharuch. (Gujarat)

RD4013339 IN IVR:827104013837
 RL ANKLESHWAR IE SO <393002>
 Counter No:1.23/11/2020, 13:30
 To: THE ADDL PRIN, BHOPAL
 PIN:462016, R.S.Nagar S.O
 From: BEIL INFRASTRUCTURE ,GIDC
 11/20/20
 15:05:00(Cash)
 <Track on www.indiapost.gov.in>
 Dial 1800266682 <Wear Masks, Stay Safe>

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

Date: 19.11.20
 PCB ID: 14983

To,
 The Additional Principal Chief Conservator of Forests (Central)
 Ministry of Environment, Forest & Climate Change
 Western Region Office,
 Kendriya Paryavaran Bhavan,
 Link Road No.3, E-5 Ravishankar Nagar
 Bhopal-462016

Sub: Environmental Clearance received for expansion of secured landfill (Phase IV) of Landfill Facility at (TSDF) at M/s. BEIL Infrastructure Limited, Ankleshwar unit.

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

Respected Sir,

With Reference to the aforesaid Environmental Clearance F. No. 10-25/2019-IA-III dated 15th October 2020, which we have received on 16th October 2020 expansion of secured landfill (Phase IV) of Landfill Facility at (TSDF), Ankleshwar unit.

As mentioned in the EC condition No. IX (i) that it has to be published in newspaper within 7 days from the date of receipt of the clearance letter in at least two local newspapers.

We would like to inform that we have published it in English newspaper (Times of India) on 21st October, 2020 and in a vernacular language, Gujarati newspaper (Divya Bhaskar) on 20th October, 2020.

The copies of the stated two newspapers are attached herewith for your ready reference and record.

Thanking you,

Yours Faithfully,
 For, BEIL Infrastructure Ltd.

B. D. Dalwadi

B. D. Dalwadi
 Chief Executive Officer

C.C: (1) Member Secretary
 Gujarat Pollution Control Board
 Paryavaran Bhavan, Sector-10/A, Gandhinagar-382010
 (2) Regional Officer
 Gujarat Pollution Control Board
 Ankleshwar

20/11/2020
 Gujarat Pollution Control Board
 Head Office
 Sector No. 10-A,
 Gandhinagar-382010

RECEIVED
 Gujarat Pollution Control Board,
 R.O. Ankleshwar
 19-11-2020

Level crossing at Km. 08 of Level Crossing at
Sardar Sarabhai Road K.M. 60 to 76 from the
of the Act.

SCHEDULE	
LOCALITY	Village: Era
Secured Land	Purpose
10-35	Construction of Railway Over Bridge in lieu of Level Crossing of LC. No. 124 C at Railway Km 24/4 - 6 of Era taluka Sardar Sarabhai Road K.M. 60 to 76 for purpose of Private land acquisition

Sd/-
(H. J. Rathod)
Under Secretary to Government, Revenue Department

PUBLIC NOTICE ENVIRONMENTAL CLEARANCE

Whereby informed that the Ministry of Environment Forest and Climate Change (IA, III Section), Indra Paryavaran Bhawan, Jorh Road, New Delhi-3, has accorded Environmental Clearance Proposed Expansion of secured landfill (Phase IV) Of graded Common Hazardous Waste Treatment, Storage and disposal facility of M/s. Bharuch Enviro Infrastructure Ltd. At No. 9701-16, 9601-9604, 9801-9828, 9901-9906, 10001-03, G-7&8, 7824-7927, 9401-9412, 8501-9506, 7905 E to adjoining, GIDC Ankleshwar-393002 (Gujarat) vide letter No. J-10-25/2019-IA-III dated 15/10/20 under the provision of Notification dated 14th September 2006, which we have typed on 16/10/20 through website.

Copies of Clearance letter are available on Our Website.
17/10/2020 B D Dahwad
(CHIEF EXECUTIVE OFFICER)

PUBLIC NOTICE

Signed VINODCHANDRA TRIKAMLAL PATEL Residence : 27, Bungalow, Opp. Surdhara Society, Dolphin Circle, At : Naroda, Vad. I give public notice that there is a Shed No. 218 in Makarpura, Vadodara and in that shed there is a Vipor Chemicals Pvt. Ltd. Aforesaid shed No. 218 and Vipor Chemical Pvt. and other family members has filed Civil suit Number : 10 in the Court of Principal Civil judge Vadodara. So that do not execute any agreement or Transitions or any transfer or any other act or any other evidence for that Vipor Chemicals Pvt. in shed No. 218 of G.I.D.C. in Makarpura Vadodara such all acts should be void by this public notice.

DL 07/10/2020

HABIBKHAN R. PATHAN (ADVOCATE)

A-3, Jumma Masjid Building, Opp. Old Court Compound, Kapadwanj, 387620, Dist. Kheda. Mo. 9898704043

PUBLIC NOTICE

Whereas the owner and in possession of the schedule property and I have decided to make public notice for which I want to carry out investigation of the title deed of the said property are being taken of Advocate Shri Jaijiv Verma to investigate the title of the property. By this public notice I call upon that all persons having and claiming any estate, right, title or demand whatsoever in or in respect of the said property, whether by way of sale, lease, sub lease, charge, lien, tenancy, sub-tenancy, license, gift, inheritance, or encumbrance or otherwise howsoever, to make the same known in writing along with documentary evidence in original in that regard to the undersigned whose address is provided within 15 (Fifteen) days from the date of publication of this notice failing which, any such right shall be disregarded and shall be deemed to have been waived and/or abandoned and Title Certificate shall duly be issued by the undersigned. Thereafter the owner first mentioned shall carry out the sale procedure of the schedule property.

Schedule of the Property

1. All parcel of the Immovable Residential Property being Plot No 71 in Shri Kanj Co. Op. Society Ltd lying on G.S. No. 447 of Mejo Vadodara Kaaba in Registration District of District Vadodara.

Plot No.	Assessing Sq/Metres	Name of The Owner
71	864 sq per record of the Society/ 864.5 sq per previous Sale Deed No 8621 Dt. 10.12.2012	Shubam Badal Kumar

307, A Square, 82, Umi Society,
Productivity Road, Vadodara. -380011
M: 9825321122

J Verma

Taluka : Gondal, Dist. : Rajkot has been accorded environmental clearance for our proposed project from MoEF & CC vide letter no. F. No. : J-11011/27/2019-IA-II(I) Date of issue : 15/10/2020 from New Delhi and the copy of the clearance letter available with the GPCB and may also be seen at the website of MoEF & CC.

PUBLIC NOTICE

Project addition of 20 MW Turbine and Stand by Flare System within existing Carbon Black manufacturing facility of M/s Balkrishna Industries Limited, Bhuj (Kutch) has been accorded with Environmental Clearance vide File No. J-11011/162/2017-IA II (I) dated 15-10-2020 from Ministry of Environment, Forests and Climate Change, Government of India. The copies of the clearance letter are available with Gujarat Pollution Control Board and may also be seen at website of the Ministry of Environment, Forest and Climate Change and at <https://parivesh.nic.in>

For M/s Balkrishna Industries Limited

PUBLIC NOTICE

Environment clearance for the setting up of technical grade pesticides manufacturing unit at Plot No. 1249/1250, GIDC Sarigam, Vapi, Taluka Umbergaon, District. Valsad, Gujarat by M/s. Sandhya Organic Chemical Pvt. Ltd. (Unit-2).

This is to inform public that Ministry of Environment and Forest & Climate Change (IA Division), Government of India has accorded Environmental Clearance for setting up of technical grade pesticides manufacturing unit at Plot No. 1249/1250, GIDC Sarigam, Vapi, Taluka Umbergaon, District Valsad, Gujarat by M/s. Sandhya Organic Chemical Pvt. Ltd. (Unit-2). This Environment Clearance has given wide letter F.No. IA-J-11011/342/2019-IA-II(I) dated 15th October 2020 under EIA notification dated 14th September 2006. The photocopy of the stated Environment Clearance is available with Gujarat Pollution Control Board, Gandhinagar and same can also be seen at the Ministry of Environment and Forest & Climate Change at <http://envfor.nic.in>

Sd/- For

Sandhya Organic Chemical Pvt. Ltd. (Unit-2), Sarigam



LIFE INSURANCE CORPORATION OF INDIA

Vadodara Divisional Office, Estate Department, 2nd Floor, "Jeevan Prakash", Nr. Santa Police Chowky, Subhanpur, Vadodara - 390023.
Tel: 0265-2306761, e-mail : estate.vadodara@licindia.com

Tender Notice




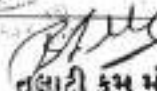
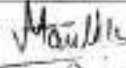
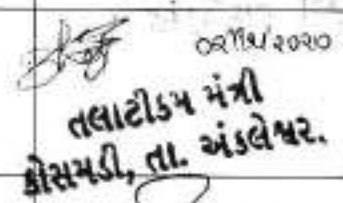

LIC of India, Vadodara Divisional Office, Vadodara invites sealed tenders in two Bid System from established Agencies/firms/organisations for rate contract for Security Guards services at various Offices/Premises under Vadodara Divisional Office. For complete details and tender documents please contact the Estate Department, 2nd floor at the above address from 21/10/2020 to 10/11/2020 between 10.45 am to 3.30 pm on week days excluding 2nd & 4th Saturday, Sunday and holidays or log on to www.licindia.in and click on "Tenders" and then click on the link "Tender for Security Guards Services at various Offices/Premises under Vadodara Divisional Office." Pre-Bid meeting will be held on 26/10/2020 at 15.30 hrs. at above address. Any further information such as correction/addition/deletion in terms and conditions regarding this tender will be published at our website only. These amendments shall be binding to all the vendors/ Bidders. LIC of India reserves the right to accept or reject any or all offers in full / part without assigning any reasons whatsoever.






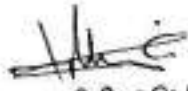
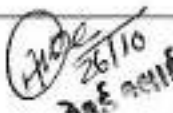
Last date for submitting bid documents is 16.00 hours on 10/11/2020.
Dt: 21-10-2020, Place : Vadodara Sr. Divisional Manager

CIN No.: U45300GJ1997PLC032696

Regd. Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Guj)
Phones (02846) 263138, 226228 • Fax : (02846) 222849 • E-mail : deln@bharuchbulletin.in

Environment Clearance of Proposed Expansion of Landfill (Phase IV) – BEIL Ankleshwar

Sr. No.	Address	Sign
1	Taluka Panchayat Office Ankleshwar	 28/2/20
2	Jilla Panchayat Office, Bharuch	 26/11/2020
3	Taluka Panchayat Office, Jhagadia	પ્રજ્ઞ ૩/૧૧/૨૦૨૦ સ્વામીની કોરકુળ તાલુકા પંચાયત કચેરી, જગડીયા
4	The Sarpanch Gram Panchayat - Gadkhol	 કચેરી, ગામડાં કચેરી, ગામડાં VEC ૨૬/૧૧/૨૦૨૦ ગામડાં
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	 02/11/2020 તલાટી કમ મંત્રી કોસમડી, તા. અંકલેશ્વર.
8	The Sarpanch Gram Panchayat – Kapodara	 21/11/20

9	The Sarpanch Gram Panchayat – Bhadkodara	 તલાલી કમ મંત્રી બામ પંચાયત ભાદકોદરા તા. મહેસાણા, જિ. ભરૂચ ૩૧/૧૧/૨૦૨૪
10	The Sarpanch Gram Panchayat – Andada	 તલાલી કમ મંત્રી બામ પંચાયત અંદાડા તા. મહેસાણા, જિ. ભરૂચ
11	The Sarpanch Gram Panchayat – Jitall	 તલાલી કમ મંત્રી ૩૧/૧૧/૨૦૨૪ બામ પંચાયત જિતાલી તા. મહેસાણા, જિ. ભરૂચ
12	The Sarpanch Gram Panchayat – Sarangpur	 તલાલી કમ મંત્રી સારંગપુર ગામ પંચાયત
13	Mr. Yogesh P. Pandya Safety Health and Environment Association	 ૨૨૨૨૨૨
14	Mr. Jayesh Patel Centre For Environment science and community,	
15	Manish Rana, Paryavaran Mitra	 ૯૯૦૯૫૦૨૯૪૧
16	Ankleshwar Nagar Palika	 ૨૬/૧૦ ૨૦૨૪ અંકલેશ્વર નગર પાલિકા સંલગ્ન

17	Notified Area Office, Ankleshwar	<p>NOTIFIED AREA RECEIVED</p> <p>DI. 29/11/2020</p>
18	Notified Area Office, Panoli	<p>RECEIVED</p> <p>29/11/2020</p> <p>Office</p>
19	Notified Area Office, Jhagadia	<p>NOTIFIED AREA RECEIVED</p> <p>DI. 03/11/2020</p>
20	Collector District collector office, Bharuch	<p>26/10/2020</p> <p>FDDI ANKLESHWAR</p>
21	The principle, Footwear Design & Development Institute	<p>IN WARD</p> <p>SL. NO. 29/10/2020</p> <p>DATE: 29/10/2020</p>
22	The principle, P.S School, Jitali	<p>SIGNATURE: GK Thakur</p> <p>23.11.2020</p>
23	The Principal Shree Gattu Vidyalaya, Ankleshwar	<p>PRINCIPAL SHREE GATTU VIDYALAYA G.I.D.C. ANKLESHWAR</p>
24	The Principle, Smt Puspavati Devidas Shroff Sanskardeep Vidhyalaya Ankleshwar	<p>PRINCIPAL SMT. PUSPAVATI DEVIDAS SHROFF SANSKARDEEP VIDYALAYA G.I.D.C. ANKLESHWAR</p>

25	The Principle, Pioneer School, jitali	
26	The Principal Lions International Academy, Ankleshwar	21/10/2020
27	The Principal Lion School Ankleshwar	P. K. Meena 8980AT1296
28	The Principle Chanderbala Modi Academy, Ankleshwar	for R. Meena Handwritten Note Kondh, Vaha Road Ankleshwar - 393 002
29	The Principle, R.B.L.P.S School, Ankleshwar	
30	Dr. A. K. Patel Ankleshwar	
31	Dr. Mahesh Mistry Ankleshwar	DR. M. M. MISTRY MBBS, C.M.C. BEIL INFRASTRUCTURE LTD. Site : Plot No.9701-9716, G.I.D.C. Estate, Ankleshwar -393 002, Dist. Bharuch.
32	Administration Office, ESIC Hospital	Ami 29/10/2020

33	Smt. Jayaben Modi Hospital	Dr. DARSHANA P. JOSHI MBBS, CIH, G-20216 INDUSTRIAL PHYSICIAN Smt. Jayaben Mody Hospital GIDC, Ankleshwar.
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