



o/c

**BEIL INFRASTRUCTURE LIMITED**  
(formerly known as Bharuch Enviro Infrastructure Limited)

BEIL ANK 2022-23/28

23<sup>rd</sup> June, 2022

XGN ID: 14983

To,

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

**Subject:** Half yearly EC Compliance Status of Environmental clearance for expansion and common incineration facilities at Ankleshwar by M/s BEIL Infrastructure Limited for the period October 2021 – March 2022.

- Ref.: (1) Environmental Clearance No. 10-48/2007-IA-III dated 4<sup>th</sup> March, 2008  
(2) Environmental Clearance No. F. 10-10/2014-IA.III dated 31<sup>st</sup> December 2015.  
(3) Environmental Clearance No. F. 10-10/2014-IA.III dated 1<sup>st</sup> August, 2017.  
(4) Environmental Clearance No. F. 10-10/2014-IA-III dated 16<sup>th</sup> April, 2018  
(5) Environmental Clearance No. F. 10-25/2019-IA-III dated 15<sup>th</sup> 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, 9801-28, 9901-28, 9601-9604, 10001-10008, G-7&8, 7924-27, 9401-9412, 9501-9506, 7905 E TO H, 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 October 2021 – March 2022 of Environmental clearance for expansion (landfill) and common incineration facilities at Ankleshwar issued by MoEF&CC letter No. 10-48/2007 IA-III dated 04th March 2008, EC # F.10-10/2014-IA.III dated 31.12.2015, Environmental Clearance No. F. 10-10/2014-IA.III dated 1st August, 2017, Environmental Clearance No. F. 10-10/2014-IA-III dated 16<sup>th</sup> April 2018 and Environmental Clearance No. F. 10-25/2019-IA-III dated 15<sup>th</sup> October, 2020.

**Landfillable Hazardous waste details are as below:**

Landfillable Waste received (During 01.10.2021 to 31.03.2022)	165046.007 MT
Cumulative quantity disposed in landfill from the beginning (up to 31.03.2022)	3743558.447 MT

**Incinerable waste details are as follows:**

Incinerable Waste Receipt	Incinerated
During 01.10.2021 to 31.03.2022: 21253.606 MT	During 01.10.2021 to 31.03.2022: 9438.677 MT
Cumulative Up to 31.03.2022: 377307.704 MT	Cumulative Up to 31.03.2022: 293522.884 MT





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Pre-processing details are as follows:

Pre-processed (During 01.10.2021 to 31.03.2022)	12025.067 MT
Cumulative quantity of waste sends for Pre-processing from beginning to 31.03.2022	81268.212 MT

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

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

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

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

Thanking you,  
Yours faithfully,

For **BEIL Infrastructure Limited**

*As B. D. Dalwadi*

**B. D. Dalwadi**  
(Chief Executive Officer)

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

Reply all Delete Junk Block ...

FW: EC Compliance for the period of Oct'21 to March'22 of BEIL Infrastructure Ltd.-Ankleshwar-9701 – 16 GIDC Industrial Estate, Ankleshwar -- 393002

Rakshita Vyas/Environment/Ankleshwar  
To: Krishna Ichhapuria; Bhoomi Tambedia

Sat 25-Jun-22 11:53 AM

Final EC Compliance Oct'21 t...  
33 MB

For your record

From: BHUPEDNRA DALWADI/NA/GUJARAT <dalwadibd@beil.co.in>  
Sent: 24 June 2022 17:42  
To: iro.gandhingr-mefcc@gov.in; ec-rdw.cpcb@gov.in  
Cc: Rakshita Vyas/Environment/Ankleshwar <rakshita.vyas@beil.co.in>  
Subject: EC Compliance for the period of Oct'21 to March'22 of BEIL Infrastructure Ltd.-Ankleshwar-9701 – 16 GIDC Industrial Estate, Ankleshwar – 393002

Dear sir,

Please find the EC compliance report for the period of Oct'21 to March'22 of BEIL Infrastructure Ltd.-Ankleshwar.

Regards

*Bhupendra Dalwadi*  
(Chief Executive Officer)

**BEIL Infrastructure Ltd.,**  
Plot No 9701-16,  
GIDC Industrial Estate,  
GIDC,  
**ANKLESHWAR – 393002.**  
Gujarat, India.  
Cell: +91 99099 94959.

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*Note: Soft copy sent to MoEF & CACB via mail.*

**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 4<sup>th</sup> March 2008**

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

Sr. No.	Observation/Conditions as per Environmental Clearance No. 10-48/2007-IA-III dated 4 <sup>th</sup> March, 2008		Status of compliance of EC Conditions	
2	<p>The project involves development &amp; 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.	
No.	Activity	Existing	Proposed	
1	Secured Landfill (SLF)	Capacity: 5,00,000 MT	Additional Capacity: 14,00,000 MT	<p>Complied. As per our CCA No- AWH 89137, Date 02.11.2017 capacity of phase I and phase II is 23 lac MT. Phase 1 – after disposal of <b>601404.117</b> MT waste, was capped in March 2007. Phase 2 – after disposal of <b>1775274</b> MT waste it was capped. Phase 3 – Waste disposal till March 2022 is <b>14,43,557.97</b></p>

				MT ( <b>18,100.78 MT</b> waste is stored in temporary Shed).
2	Incinerator	Capacity: 6.5 million K. Cal/hour (24 – 60 MT per day)	Additional Incinerator capacity: 25 Million K. Cal/hour with heat recovery system (i.e.6-10 MT/hr.)	Complied. As per our CCA No- AWH 89137, Date 02.11.2017 we are operating both the incinerators at 6.5 million K. Cal/hour capacity each, i.e. (6.5 million K. Cal/hour X 2)
3	Solvent Recovery System	-	50 MT/day	Project is on hold and not yet Implemented.
4	Drum decontamination and disposal system	-	500 No. of Drums/day	Complied. Company has incorporated drums decontamination system in the year 2008 and for that we have obtained CCA with drums decontamination capacity - 108000 nos /Year.
5	Evaporation plant	-	15 MT/hour	Complied. Evaporation plant with capacity of 15 MT/Hr is installed and commissioned on 19 <sup>th</sup> March 2012 and is being operated. For that we have obtained Consent to operate i.e. CC &A AWH 89137 valid up to 31.07.2022.
6	Fly Ash Brick Manufacturing plant	-	10,000 Nos/day	Project is on hold and yet to be implemented.
7	Bio-gas plant from Kitchen waste	-	5 MT/day	We are not operating the old biogas plant from 11 <sup>th</sup> June 2019. We have installed a new Kitchen waste processing unit and is being operated.
3	All the proposed facility, except landfill expansion, stated to be accommodated in the existing area itself. Waste generated from the treatment facility will be disposed off in secured landfill which includes ash from incinerated around 12,600 MT/Year:		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	

	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.	secured landfill which includes ash from incineration <b>7119.523</b> MT during the Oct'21 to March'22; Discarded packing materials <b>271.005</b> MT during the Oct'21 to March'22; the salt from Multiple Effect Evaporation system <b>7816.32</b> MT during the Oct'21 to March'22. With regard to the capacity of the facility.
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 <sup>st</sup> & 22 <sup>nd</sup> June, 2007 and 23 <sup>rd</sup> , 24 <sup>th</sup> & 25 <sup>th</sup> January, 2008 and has recommended. Accordingly, the clearance is here by accorded under Environment Impact.	Noted.

**A. 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 <b>Annexure-1</b> .
2	The project proponent shall ensure that the transportation of the hazardous wastes to the TSDF conforms to the norms laid down in the hazardous waste (Management and Handling) rules 2003	Complied. Transportation of hazardous waste confirmed to the provisions of hazardous waste (management and handling) rules 2003 and its amendments from time to time. Now, we have fulfilled all the provisions of hazardous waste and other waste (management and Transboundary movement) rules 2016, compliance is attached as <b>Annexure-1</b> .
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 719 members for Landfill and 785 members of 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 Induced forced Multi Effect Evaporator to treat the effluent/leachate generated from the landfill. Effluent / Leachate generated from the land fill is evaporated at the site and condensate is partly recycled. Remaining condensate is sent to M/s Enviro Technology Limited, Ankleshwar (CETP) for further treatment and disposal as per the consent given by GPCB. Also whenever MEE is under maintenance, Leachate/ Effluent is send to CETP. For the period Oct'21 to March'22: <b>12676 KL</b> leachate treated in MEE plant & 40 KL leachate sent to ETL for further treatment & disposal.
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	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 <b>ANNEXURE 3</b> . The relevant compliance hazardous waste and other waste (management and Transboundary movement) rules 2016 are attached as <b>Annexure 1</b> .
6	No ground water shall be tapped for project.	Complied Water is being provided by GIDC for process purpose but when there is shortage of water, we use bore water to match our requirement. As per EC F. 10-10/2014-IA-III dated 31.12.15 specific condition point (X) we have received NOC No. CGWA/NOC/IND/ORIG/2021/10974 dated 10.02.21 from CGWA to utilize borewell water.
7	The project proponent shall monitor the ambient air quality, groundwater and noise abutting the site as per norms laid down by CPCB.	Complied. We are carrying out internally weekly ambient air monitoring, fortnightly ground water monitoring & monthly noise level monitoring. For ambient air monitoring we are having 4 monitoring stations. Company is also carrying out monitoring through third party (once in the month from April'20) of Ambient Air, ground water, noise level etc. as per norms laid down by CPCB. It may be noted that, as indicated in the results, parameters of up-streams wells are higher than the downstream wells.

		<p>The monitoring results are attached for period Oct'21 to March'22 as <b>Annexure 4, Annexure 5, and Annexure 6</b>. And the average results is attached as <b>Annexure 7</b>.</p> <p>*Note: The frequency of third-party monitoring (Air, Water and Noise) is once in the month from April'20.</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.</p> <p>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 &amp; transportation is also done as per the guidelines.</p> <p>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&amp;A.</p>
9	<p>Project proponent shall ensure that wastes with organic content &gt;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 &gt;5% of degradable organic matters are not disposed into landfill. Comprehensive analysis is being carried out at the time of enrolling members. If organic content is high, the waste is sent for incineration. Only inorganic waste or waste meeting acceptance criteria is sent to landfill. Waste having organic content not suitable for landfill as well as incinerator is sent back to respective industry and again accepted only if it follows the acceptance criteria. Required arrangements for collection, treatment, and disposal dioxin 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 <b>Annexure 8</b>.</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 inward letter copy is attached as <b>Annexure 9</b>.</p>



	<p>BEIL has Implemented Prestigious Environmental Management system standard ISO 14001:2015 &amp; ISO 45001:2018 Safety system. Certificates are attached as <b>Annexure 11.</b></p>	<p>Summary of EMP Compliance is as below, and Detailed EMP Compliance is attached as <b>Annexure -10.</b></p> <table border="1" data-bbox="451 277 1493 1541"> <thead> <tr> <th data-bbox="451 277 539 367">Sr. No.</th> <th data-bbox="539 277 794 367">Condition</th> <th data-bbox="794 277 1493 367">Compliance Status</th> </tr> </thead> <tbody> <tr> <td data-bbox="451 367 539 506">1.</td> <td data-bbox="539 367 794 506">Temporary storage for hazardous waste</td> <td data-bbox="794 367 1493 506">Complied. Temporary storage of hazardous waste for monsoon period has been provided.</td> </tr> <tr> <td data-bbox="451 506 539 645">2.</td> <td data-bbox="539 506 794 645">Loading and unloading of waste</td> <td data-bbox="794 506 1493 645">Complied. Adequate facility and equipment for unloading of waste has been provided.</td> </tr> <tr> <td data-bbox="451 645 539 1043">3.</td> <td data-bbox="539 645 794 1043">Transportation of waste</td> <td data-bbox="794 645 1493 1043">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 <b>449</b> 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="451 1043 539 1227">4.</td> <td data-bbox="539 1043 794 1227">Monitoring activity</td> <td data-bbox="794 1043 1493 1227">Complied. We are carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis.</td> </tr> <tr> <td data-bbox="451 1227 539 1541">5.</td> <td data-bbox="539 1227 794 1541">Leachate management system</td> <td data-bbox="794 1227 1493 1541">Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collections well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well shall be provided.</td> </tr> </tbody> </table>	Sr. No.	Condition	Compliance Status	1.	Temporary storage for hazardous waste	Complied. Temporary storage of hazardous waste for monsoon period has been provided.	2.	Loading and unloading of waste	Complied. Adequate facility and equipment for unloading of waste has been provided.	3.	Transportation of waste	Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the Hazardous and other wastes (management and transboundary Movement) Rules, 2016. Total Approved <b>449</b> 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 and 3 leachate collections well for Phase III) collection wells have been provided. For Phase-IV 3 nos. of leachate well shall be provided.
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<p><b>11</b></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>Complied. The hydrological study in coordination with GPCB &amp; Ankleshwar Industries associates carried by NEERI has been completed and the report for the same is attached here as <b>Annexure 5(A).</b></p> <p>We carry out ground water and soil monitoring once in the month externally in and around the site to check the contamination, the results of which are attached as <b>Annexure 5</b> and <b>Annexure 12.</b> And the average results is attached as <b>Annexure 7</b></p>																		

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 <sup>2</sup> 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 41,000 sq. mt to mitigate the impacts on the overall air quality at the site. Additionally, after the closure and capping of SLF in phased manner is total 75940 Sq.mt. Thus total 41.87% (14.68% + 27.19%) of total plot area is earmarked for development of green cover. The area available after capping of SLF in phased manner is given below:</p> <p>6,500 m<sup>2</sup> in Phase-I developed as garden 16000 no of Jatropha planted.</p> <p>43,440 m<sup>2</sup> in Phase-II under plantation.</p> <p>10,000 m<sup>2</sup> in Phase-III proposed after capping.</p> <p>Layout of green belt within the premises is attached as <b>Annexure – 13.</b></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 internal monitoring ground water monitoring, surface water monitoring &amp; ambient air quality once in the month.</p> <p>Company is also carrying out externally quarterly monitoring of ground water, Ambient Air quality.</p> <p>Up- Stream and Down Stream Monitoring wells have been provided and their Monitoring is done once in each quarter by a third party.</p> <p>An average of all the ground water samples in and around the site are mentioned in Annexure 7.</p> <p>It may be noted that, as indicated in the results, parameters of up-streams wells are higher than the downstream wells.</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 it is found non-contaminated. Any Contaminated storm water is sent to ETL (as per our CCA).</p> <p>Reports of Ambient Air Internal and external analysis area attached as <b>Annexure 4 &amp; 4(A)</b> and ground water analysis are attached as <b>Annexure 5.</b> And the average results is attached as <b>Annexure 7.</b></p>

15	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>Complied.</p> <p>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 collections well for Phase III. For Phase-IV 3 nos. of leachate well shall be 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.</p> <p>For the period Oct'21 to March'22: <b>12676 KL</b> leachate treated in MEE plant. The leachate treatment data is submitted to GPCB along with monthly report and quarterly Protocol.</p>
16	The landfill site should be as per the norms laid down by CPCB.	<p>Complied.</p> <p>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.</p> <p>IIT Delhi, is guiding for construction and operation of the Landfill.</p> <p>Compliance of the central pollution control board guidelines is attached as <b>Annexure 2</b>.</p>
17	A separate environment management cell with suitably qualified staff to carry out various environment related functions should be set up under the charge of a senior executive who will report directly to the chief executive of the organization.	<p>Complied.</p> <p>Company have separate Environmental Management cell. Vice president (VP) – Operation, Environmental lab head, are directly reporting to Chief executive officer and Director.</p> <p>Details of the persons engaged in the Environment cell are as below:</p> <ul style="list-style-type: none"> <li>• Mr. Manoj Patel: VP– Operation (BE Civil)</li> <li>• Ms. Rakshita Vyas – Senior Manager- Env. (PGD-Environment)</li> <li>• Mr. Satish Gaddam: Head, Environment Laboratory</li> <li>• Bhoomi Tambda: Environment officer (BE Environment)</li> <li>• Krishna Ichhapuria: Trainee Environment officer (BE Environment)</li> <li>• Foram Patel: Environment officer (ME Environment)</li> </ul> <p>Corporate Environment Cell:</p> <ul style="list-style-type: none"> <li>• Mr. B.D. Dalwadi - CEO - (BE – Chemical)</li> <li>• Dr. P N Parameswaran: Advisor – Environment (PhD Environment)</li> </ul>

<b>18</b>	The funds earmarked for environment protection measures should be maintained in a separate account and there should be no diversion of these funds for any other purpose. A year wise expenditure on environmental safeguards should be reported to this ministry's regional office at Bhopal.	Complied.															
		A separate account is maintained for environment protection and the cumulative amount till <b>March'22</b> is <b>1,667.11 Lac</b> . These funds are not diverted for any other activity. Year wise expenditure on environmental protection are as below.															
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Year</th> <th style="text-align: center;">Capital Expense (Lacs)</th> <th style="text-align: center;">Revenue Expense (Lacs)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">2018-2019</td> <td style="text-align: center;">185</td> <td style="text-align: center;">43.44</td> </tr> <tr> <td style="text-align: center;">2019-2020</td> <td style="text-align: center;">626.50</td> <td style="text-align: center;">413.80</td> </tr> <tr> <td style="text-align: center;">2020 - 2021</td> <td style="text-align: center;">644.07</td> <td style="text-align: center;">429.82</td> </tr> <tr> <td style="text-align: center;">2021-2022</td> <td style="text-align: center;">691.25</td> <td style="text-align: center;">184.87</td> </tr> </tbody> </table>	Year	Capital Expense (Lacs)	Revenue Expense (Lacs)	2018-2019	185	43.44	2019-2020	626.50	413.80	2020 - 2021	644.07	429.82	2021-2022	691.25	184.87
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**B. 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. Approval letter from GIDC and DISH are attached as <b>Annexure 14</b> .
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 <sup>3</sup> /Hr, 273 m <sup>3</sup> /Hr and 273 m <sup>3</sup> /Hr respectively. We have also membership of Disaster Prevention and Maintenance Center which is equipped with all requirements of disasters.
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 <sup>th</sup> 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 <b>Annexure 15</b> .
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 <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a>	Complied. We have given advertisement in papers SANDESH (vernacular language) & THE INDIAN EXPRESS dated 22.03.2008 and same has attached as <b>Annexure 16</b> .
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 <b>Annexure 17</b> .

**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 31<sup>st</sup> 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 24<sup>th</sup>-26<sup>th</sup> June, 2015

No.	Observation/Conditions as per Environmental Clearance No. F. 10-10/2014-IA.III dated 31 <sup>st</sup> December 2015.	Status of compliance of EC Conditions
3	The details of the project, as per the documents submitted by the project proponents (PP), and also as informed during the above EAC meetings, are reported to be as under:-	
(ii)	The Project was accorded TOR vide letter No. 10-10/2014-IA-III dated 18.09.2014.	Noted
(iii)	The Project involves expansion of Secured Landfill (Phase-III) of existing Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) in GIDC Industrial Estate, Ankleshwar of District Bharuch (Gujarat) by M/s BEIL Infrastructure Ltd. The Project is located at 21°36'55"-21°37'09" Latitude and 73°02'03"-73°02'59" longitude.	Noted
(iv)	The Total site area is 69 acres, pit area 2.98 acres and closure area is 14.755 acres.	Noted
(v)	Green Belt development (20% of construction projects and 33% for others). The main objective of the green belt is to provide a barrier between the plant surroundings areas. Total 2,79,233.34 sqm land area is available at site; out of this about 41,000 sqm (14.683%) area is covered as green belt and other forms of greenery.	Complied.  Green belt is developed in total 41,000 sq. mt to mitigate the impacts on the overall air quality at the site. Additionally, after the closure and capping of SLF in phased manner is total 75940 Sq.mt. Thus total 41.87% (14.68% + 27.19%) of total plot area is earmarked for development of green cover.  The area available after capping of SLF in phased manner is given below: 66,500 m <sup>2</sup> in Phase-I developed as garden 16000 no of Jatropha planted.

		43,440 m <sup>2</sup> in Phase-II under plantation. 10,000 m <sup>2</sup> in Phase-III proposed after capping. Layout of green belt within the premises is attached as <b>Annexure – 13</b> .																								
(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>The Water Requirement (631 KL/day for industrial purpose and 26 KLD for domestic purpose) is fulfilled by the GIDC water only.</p> <p>Water Consumption data as per GIDC bill:</p> <table border="1"> <thead> <tr> <th>Month</th> <th>Total Water Consumption, (KL) as per GIDC bill</th> <th>Per Day in KL</th> </tr> </thead> <tbody> <tr> <td>Oct'21</td> <td>3051</td> <td>98.42</td> </tr> <tr> <td>Nov'21</td> <td>3577</td> <td>119.23</td> </tr> <tr> <td>Dec'21</td> <td>3471</td> <td>111.97</td> </tr> <tr> <td>Jan'22</td> <td>2677</td> <td>86.35</td> </tr> <tr> <td>Feb'22</td> <td>4060</td> <td>145.00</td> </tr> <tr> <td>Mar'22</td> <td>3137</td> <td>101.19</td> </tr> </tbody> </table>	Month	Total Water Consumption, (KL) as per GIDC bill	Per Day in KL	Oct'21	3051	98.42	Nov'21	3577	119.23	Dec'21	3471	111.97	Jan'22	2677	86.35	Feb'22	4060	145.00	Mar'22	3137	101.19			
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(vii)	The wastewater generation is limited to 312 KLD.	<p>Noted and complied.</p> <p>Wastewater (leachate) generation is limited to 312 KLD.</p> <p>Leachate (Wastewater) Generation data (total leachate generation including Phase I, Phase II and Phase III):</p> <table border="1"> <thead> <tr> <th>Month</th> <th>Per Day in KL</th> <th>Total in KL</th> </tr> </thead> <tbody> <tr> <td>Oct'21</td> <td>72.13</td> <td>2236</td> </tr> <tr> <td>Nov'21</td> <td>69.83</td> <td>2095</td> </tr> <tr> <td>Dec'21</td> <td>72.26</td> <td>2240</td> </tr> <tr> <td>Jan'22</td> <td>68.65</td> <td>2128</td> </tr> <tr> <td>Feb'22</td> <td>68.32</td> <td>1913</td> </tr> <tr> <td>Mar'22</td> <td>67.87</td> <td>2104</td> </tr> <tr> <td><b>Total</b></td> <td><b>69.65</b></td> <td><b>12716</b></td> </tr> </tbody> </table>	Month	Per Day in KL	Total in KL	Oct'21	72.13	2236	Nov'21	69.83	2095	Dec'21	72.26	2240	Jan'22	68.65	2128	Feb'22	68.32	1913	Mar'22	67.87	2104	<b>Total</b>	<b>69.65</b>	<b>12716</b>
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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 from the operation of Phase III is treated and recycled to minimize the usage of fresh water by reusing in gardening and dust suppression. Recently in Phase III cell 3&amp; 4 are in operation.</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 (2×600 kVA capacity each).
(x)	Investment/Cost: The total cost of the project is Rs. 30 Crores.	Complied. The actual expenditure is Rs. 5.65 Crores for 1 <sup>st</sup> and 2 <sup>nd</sup> cell of Phase III. For Phase III cell wise construction is going on, cell 1 (part), cell 3 & 4 are in operation. Total cells in Phase III are 4.
(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 <sup>th</sup> – 26 <sup>th</sup> 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.



**A. 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	<p>Complied.</p> <p>We have obtained CTE vide letter no. GPCB/CCA – BRCH – 167 (15)/ID – 14983/347176 &amp; 347182 dtd. 02.03.2016 &amp; CTO vide letter no. GPCB/ CCA, ID –14983 /AWH- 89137/123296 dtd. 02.11.2017 from GPCB.</p>
(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.	<p>Noted &amp; Complied.</p> <p>Water is being provided by GIDC for process purpose but when there is shortage of water we use bore water to match our requirement. As per EC F. 10-10/2014-IA-III dated 31.12.15 specific condition point (X) we have received NOC No. CGWA/NOC/IND/ORIG/2021/10974 dated 10.02.21 from CGWA to utilize borewell water.</p> <p>We have provided monitoring wells at upstream (6 nos.) and downstream (6 nos.) of the TSDF. However, Up- Stream and Down Stream Monitoring wells have been provided and their Monitoring is done once in month by internally and through third party.</p> <p>An average of all the monitoring results of ground water samples in and around the site are mentioned in <b>Annexure-7</b>.</p> <p>It may be noted that, as indicated in the results, parameters of up-streams wells are higher than the downstream wells.</p> <p>All the third-party reports are attached as <b>Annexure – 5</b>.</p>
(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.	<p><b>Noted and Complied.</b></p> <p>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</p>

		<p>and noise pollution is farthest from the habitation.</p> <p>Existing site located inside notified industrial estate. We are monitoring for Ambient Air &amp; Noise level &amp; All parameters are well within the limit. Analysis reports are attached as <b>Annexure 4</b> and <b>Annexure 6</b>. And average results are attached in <b>Annexure 7</b>.</p>
(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 &amp; 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> <p>We are measuring VOC level weekly by VOC meter. VOC level is well within the limit. Results are attached as <b>Annexure 18</b>.</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 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 12<sup>th</sup> March 2007 and after disposal of 1737344.036 MT waste its capping is going on. Phase 3 – till Mar’22 14,35,557.97 MT waste had disposed till 31, March’22. Waste excavation is not applicable. Secured Landfill are already being compacted and closed scientifically after reaching the design height.</p>
(vi)	Project Proponent shall develop green belt as committed	<p>Complied.</p> <p>Green belt is developed in total 41,000 sq. mt to mitigate the impacts on the overall air quality at the site. Additionally, after the closure and capping of SLF in phased manner</p>

		<p>is total 75940 m<sup>2</sup>. Thus total 41.87% (14.68% + 27.19%) of total plot area is earmarked for development of green cover.</p> <p>The area available after capping of SLF in phased manner is given below:  6,500 m<sup>2</sup> in Phase-I developed as garden  16000 no of Jatropha planted.  43,440 m<sup>2</sup> in Phase-II under plantation.  10,000 m<sup>2</sup> in Phase-III proposed after capping.  Layout of green belt within the premises is attached as <b>Annexure – 13</b>.</p>
(vii)	The connectivity road to the side shall be as per IRC guidelines.	<p>Not Applicable.</p> <p>This pertained to GIDC who has provided connectivity roads.</p>
(viii)	The waste is proposed to be transported through the village roads, the roads shall be properly widened or proper road for transportation shall be provided. Details shall be incorporated in the EMP.	<p>Not Applicable</p> <p>Existing site, located inside notified industrial estate hence, waste is not being transported through village roads. Proper Road network is available to receive waste at site from members industries.</p>
(ix)	The gas generated from the landfill facility shall be collected and disposed as per rules	<p>Noted &amp; complied.</p> <p>Gas generated of Existing site &amp; under operation site is being monitored.</p> <p>Since the waste is treated, stabilized, and disposed, there is no Gas Generation from the Secured Landfill. Gas vents have been Provided for the Existing Sites and the same Provisions will be made for the Secured Landfill Phase-III. We are monitoring the vent pipes of landfill internally and almost all readings we are getting BDL. The records are maintained in the laboratory.</p> <p>Results are attached as <b>Annexure 18</b>.</p>
(x)	The proponent shall obtain necessary clearance from the Ground water Authority for the use of ground water.	<p>Noted and complied.</p> <p>We have got NOC from CGWA dated 10.02.21 for usage of borewell water and the copy of the same is attached as <b>Annexure 19</b>.</p>

(xi)	The depth of the Landfill site shall be decided based on the ground water table at the site.	<p>Noted and Complied.</p> <p>The landfill is being developed as per CPCB criteria (should be &gt;2 meters) &amp; approved drawings before starting the construction work of cell. Depth of the water table for existing site is around 30 meters, and we have gone up to 7 meters below the surface level. Hence, fulfilling the criteria of CPCB guidelines.</p>						
(xii)	An On Site Emergency Management Plan shall be prepared and implemented.	<p>Noted &amp; Complied.</p> <p>BEIL has prepared On site Emergency plan and it is updated annually. On site emergency plan is 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 inward copy is attached as <b>Annexure 9</b>.</p>						
(xiii)	All recommendation 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	<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 <b>Annexure 10</b>.</p> <table border="1" data-bbox="435 1697 1471 1989"> <thead> <tr> <th data-bbox="435 1697 515 1798">Sr. No.</th> <th data-bbox="515 1697 782 1798">Condition</th> <th data-bbox="782 1697 1471 1798">Compliance Status</th> </tr> </thead> <tbody> <tr> <td data-bbox="435 1798 515 1989">1.</td> <td data-bbox="515 1798 782 1989">Temporary storage for hazardous waste</td> <td data-bbox="782 1798 1471 1989"> <p>Complied.</p> <p>Temporary storage of hazardous waste for monsoon period has been provided.</p> </td> </tr> </tbody> </table>	Sr. No.	Condition	Compliance Status	1.	Temporary storage for hazardous waste	<p>Complied.</p> <p>Temporary storage of hazardous waste for monsoon period has been provided.</p>
Sr. No.	Condition	Compliance Status						
1.	Temporary storage for hazardous waste	<p>Complied.</p> <p>Temporary storage of hazardous waste for monsoon period has been provided.</p>						

	MoEF&CC along with half yearly compliance report to MoEF&CC-RO. Summary of EMP Compliance is as below:	2.	Loading and unloading of waste	Complied. Adequate facility and equipment for unloading of waste has been provided.
		3.	Transpiration 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 waste (Management and Handling) rules 2016 and its subsequent amendments.  Total Approved <b>449</b> dedicated vehicles equipped with GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.
		4.	Monitoring activity	Complied. We have carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis.
		5.	Leachate management system	Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase IV 3 nos. of leachate well shall be provided.
(xiv)	Environmental Monitoring program shall be implemented as per EIA-EMP report and guidelines prescribed by CPCB for Hazardous waste facilities. Periodical ground water/soil monitoring to check the contamination in and around the site be carried out.	Complied. Environmental Monitoring program is implemented as per EIA-EMP report and guidelines prescribed by CPCB for Hazardous waste facilities. Monthly ground water monitoring to check & Periodical soil monitoring to check any contamination in and around the site is being carried out for Phase III also. Results are attached as <b>Annexure 5 and Annexure 12</b> . And the average results are attached in <b>Annexure 7</b> .		
(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		

		<p>collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III. 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.</p> <p>For the period Oct'21 to March'21: 12676 KL leachate treated in MEE plant. The leachate treatment data is submitted to GPCB along with monthly report and quarterly Protocol.</p>						
(xvi)	Rainwater runoff from the landfill area and other hazardous waste management area shall be collected and treated in the effluent treatment plant	<p>Complied.</p> <p>Separate provision for storm water runoff has been provided surrounding the landfill and other areas, which leads to GIDC drainage. Storm water is discharged in GIDC drainage line only once its analysis is carried out and results are found satisfactory. If results are not found satisfactory then the rain water runoff from storm water drain is collected and treated in MEE/ETL as per our CCA.</p>						
(xvii)	The responses/ commitments made to the issues raised during public hearing shall be complied with in letter and spirit. A Hard copy of the actions taken shall be submitted to the Ministry.	<p>Not Applicable.</p> <p>Existing site is located in notified industrial area.</p> <p>Public Hearing is Not Applicable as per MoEF&amp;CC memorandum No. J-11013/36/2014-IA-I Dated 10<sup>th</sup> December, 2014.</p>						
(xviii)	The proponent shall abide by all the commitments and recommendations made in the EIA/EMP report so also	<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. EMP Compliance is attached as <b>Annexure 10</b>.</p> <p>Summary of EMP Compliance is as below:</p> <table border="1"> <thead> <tr> <th>Sr. No.</th> <th>Condition</th> <th>Compliance Status</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Sr. No.	Condition	Compliance Status			
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during their presentation to the EAC.	1.	Temporary storage for hazardous waste	Complied. Temporary storage of hazardous waste for monsoon period has been provided.
	2.	Loading and unloading of waste	Complied. Adequate facility and equipment for unloading of waste has been provided.
	3.	Transportation of waste	Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the hazardous waste (Management and Handling) rules 2016 and its subsequent amendments. Total Approved <b>449</b> 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 and noise monitoring on regular basis.
	5.	Leachate management system	Complied. Adequate nos. of leachate collection wells (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collections well for Phase III) have been provided. For Phase-IV 3 nos. of leachate well shall be provided.

**B. General Condition:**

No.	Description	Status
(i)	The project proponent should set up separate environmental management cell for effective implementation of the stipulated environmental safeguards under the supervision of a Senior Executive.	Complied. Company have separate Environmental Management cell. General Manager, manager – Environment, Environmental lab head, are directly reporting to Chief executive officer and Director.  Details of the persons engaged in the Environment cell are as below:

		<ol style="list-style-type: none"> <li>1. Mr. Manoj Patel: Vice President – Civil (BE Civil)</li> <li>2. Ms. Rakshita Vyas – Senior Manager- Env. (PGD-Environment)</li> <li>3. Mr. Satish Gaddam – Head, Environment Laboratory</li> <li>4. Bhoomi Tambda – Environment Engineer (BE Environment)</li> <li>5. Foram Patel – Environment Engineer (ME Env)</li> <li>6. Krishna Ichhapuria – Trainee Environment Engineer (BE Environment)</li> </ol> <p>Corporate Environment Cell:</p> <ol style="list-style-type: none"> <li>1. Mr. B.D. Dalwadi - CEO - (BE – Chemical)</li> <li>2. Dr. P N Parameswaran: Advisor – Environment (PhD Environment)</li> </ol>
(ii)	The Project proponent should extend full support to the officers of this Ministry/regional Office during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect to mitigation measures and other environmental protection activities.	<p>Complied.</p> <p>Full support is extended to the officers of the Ministry/regional Office during inspection of the project for monitoring purposes by furnishing full details and action plan including action taken reports in respect to mitigation measures and other environmental protection activities.</p>
(iii)	The Ministry reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environmental clearance under	Noted.
(iv)	In the event of a change in the implementation agency, a fresh clearance shall be obtained from the Ministry of Environment, forest and Climate Change.	Noted.
(v)	A copy of the clearance letter will be marked to concerned Panchayat/local NGO, if any, from whom any suggestions/representations has been made received while processing the proposal.	<p>Complied.</p> <p>Letter dated 09.01.2016 sent to the GPCB Regional Office, District Industries center and Collector’s Office. The same is attached as <b>Annexure 20</b>.</p>
(vi)	The environmental safeguard contained in the EIA Report should be implemented	<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 –</p>



	<p>in letter and spirit.</p>	<p>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 <b>Annexure 10</b>.</p> <p>Summary of EMP Compliance is as below:</p> <table border="1" data-bbox="432 421 1511 1637"> <thead> <tr> <th data-bbox="432 421 544 510">Sr. No.</th> <th data-bbox="544 421 791 510">Condition</th> <th data-bbox="791 421 1511 510">Compliance Status</th> </tr> </thead> <tbody> <tr> <td data-bbox="432 510 544 645">1.</td> <td data-bbox="544 510 791 645">Temporary storage for hazardous waste</td> <td data-bbox="791 510 1511 645">Complied. Temporary storage of hazardous waste for monsoon period has been provided.</td> </tr> <tr> <td data-bbox="432 645 544 779">2.</td> <td data-bbox="544 645 791 779">Loading and unloading of waste</td> <td data-bbox="791 645 1511 779">Complied. Adequate facility and equipment for unloading of waste has been provided.</td> </tr> <tr> <td data-bbox="432 779 544 1182">3.</td> <td data-bbox="544 779 791 1182">Transpiration of waste</td> <td data-bbox="791 779 1511 1182">Complied. We have ensured that the transportation of the hazardous wastes to the TSDF confirms to the norms laid down in the hazardous waste (Management and Handling) rules 2016 and its subsequent amendments. Total Approved <b>449</b> 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="432 1182 544 1361">4.</td> <td data-bbox="544 1182 791 1361">Monitoring activity</td> <td data-bbox="791 1182 1511 1361">Complied. We have carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis.</td> </tr> <tr> <td data-bbox="432 1361 544 1637">5.</td> <td data-bbox="544 1361 791 1637">Leachate management system</td> <td data-bbox="791 1361 1511 1637">Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3nos. of leachate wells shall be provided.</td> </tr> </tbody> </table>	Sr. No.	Condition	Compliance Status	1.	Temporary storage for hazardous waste	Complied. Temporary storage of hazardous waste for monsoon period has been provided.	2.	Loading and unloading of waste	Complied. Adequate facility and equipment for unloading of waste has been provided.	3.	Transpiration 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 waste (Management and Handling) rules 2016 and its subsequent amendments. Total Approved <b>449</b> dedicated vehicles equipped with GPS system are being used for Transportation of Hazardous waste from member Industries to TSDF.	4.	Monitoring activity	Complied. We have carrying out internally as well as externally monitoring of soil, ambient air, ground water, storm water, noise monitoring on regular basis.	5.	Leachate management system	Complied. Adequate nos. of leachate (6 leachate collection wells for Phase I, 7 nos of leachate collection wells for Phase II and 3 leachate collection well for Phase III) collection wells have been provided. For Phase-IV 3nos. of leachate wells shall be provided.
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(vii)	<p>A copy of the environmental clearance letter shall also be displayed on the website of the concerned State Pollution Control Board. The EC letter shall also be displayed at the Regional Office, District Industries center and Collector's Office/Tehsildar's Office for 30 days.</p>	<p>Complied.</p> <p>Letter dated 09.01.2016 sent to the GPCB Regional Office, District Industries center and Collector's Office. The same is attached as <b>Annexure 20</b>.</p>																		
(viii)	<p>The funds earmarked for environmental protection measures</p>	<p>Complied.</p>																		

	shall be kept in separate account and shall be reported to this Ministry and its concerned Regional Office	A separate account (Escrow account) is maintained for environment protection and the cumulative amount is Rs. 1,667.11 Lakhs till March'22. These funds are not diverted for any other activity.
5.	The above stipulations would be enforced among others under the provisions of Water (Prevention and Control of Pollution) Act, 1974 the Air (Prevention and Control of pollution) Act, 1981, the Environment (Protection) Act, 1986, The Public Liability (Insurance) Act, 1991 and Municipal Solid Wastes (Management and Handling Rules, 2000 including the amendments and rules made thereafter.	Complied.  We have obtained CTE vide letter no. GPCB/ CCA – BRCH – 167 (16)/ID – 14983/ 361331 dtd. 01.07.2017 to add capacity of Landfill as Phase # 3 at existing site& is in operation. GPCB under the provisions of Water (Prevention and Control of Pollution) Act, 1974 the Air (Prevention and Control of pollution) Act, 1981, the Environment (Protection) Act, 1986. We are having PLI policy which is renewed yearly under the Public Liability (Insurance) Act, 1991.
6.	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. shall be obtained, as applicable by project proponents from the respective competent authorities.	Complied.  Existing site is in notified GIDC area and already have applicable clearance/permissions from respective authority. Permission of Fire Department, Civil Aviation Department, Forest Conservation Act, 1980 and Wildlife (Protection) Act, 1972 etc. is not required as our existing site is already in notified GIDC area.
7.	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 <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> . 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.  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.  Advertisement copies are attached as <b>Annexure 21</b> .

8.	This Clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation vs. Union of India in Writ Petition (Civil) No. 460 of 2004 as may be applicable to this project.	Not Applicable as it is located inside notified industrial estate.
9.	Any appeal against this clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green tribunal Act, 2010	Not applicable
10.	Status of compliance to the various stipulated environmental conditions and environmental safeguards will be uploaded by the project proponent in its website.	Complied. The EC Compliance has been uploaded on the Company Website.
11.	A copy of the clearance letter shall be sent by the proponent to concern Panchayat, Zilla Parishad/ Municipal Corporation, Urban Local Body and the local NGO, if any from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied. We had marked the copy of the clearance letter to all the concerned dated 09.01.2016 and recorded. Same is attached as <b>Annexure 20</b> . The Clearance Letter has been uploaded on the Company Website.
12.	The proponent shall upload the status of the compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB.	Complied. The EC Compliance has been uploaded on the Company Website.
13.	The Project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in Hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and the SPCB.	Complied. 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'21 – Sep'21 dated 10.11.21 was submitted on 16.11.2021.
14.	The environmental statement for each financial year ending 31 <sup>st</sup> March in	Complied.


	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.	We are submitting Form –V (Environmental Statement) every financial year and it is displaying on website. Last Form – V (period 2021 - 22) submitted is attached as <b>Annexure 22.</b>
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 1<sup>st</sup> 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 25<sup>th</sup>-27<sup>th</sup> 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 <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a> ..The advertisement should be made within seven days from the date of receipt of the clearance letter and a copy of the same	Complied. We have given advertisement in papers SANDESH &THE TIMES OF INDIA dated 09.08.2017. 

	<p>should be forwarded to the Regional office of this Ministry at Bhopal.</p>	 <p>The undersigned, Secretary to the Ministry of Environment, Forest and Climate Change, (A-1, Sector-3, Indira Park, New Delhi-110003), has approved Environmental Clearance for Proposed Establishment of capacity change of configuration in Existing Plant of Bhambhakhori Infrastructure Ltd. (BIL) of Plot No. 0601-0604, 1000-11003, 1-7 &amp; 8, 7991-7997, 8001, 8012, 8001-8005, 7925 &amp; 8 in Haryana. SPC/ New Delhi/ Encls. No. 0601/2017, 113 dated 08/08/2017. No. P.No. 10-102074-1A-E dated 08/08/2017, under the provision of EIA Notification dated 14th September 2009, which was issued on 08/08/2017.</p> <p>Copies of Clearance letter are available at OPOB and on website. Date: 08/08/2017 R. D. DALWADI (CHIEF EXECUTIVE OFFICER)</p>
<p>10</p>	<p>A copy of the clearance letter shall be sent by the proponent to concerned 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 12.08.2017 and recorded. Same has also uploaded on our company website. The same is attached as <b>Annexure 23</b>.</p>

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

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

2. 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 24<sup>th</sup> meeting held on 30-31 October, 2017.
3. 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:-

<b>Sr. No.</b>	<b>Observation/Conditions as per Environmental Clearance No. F. 10-10/2014-IA.III dated 31<sup>st</sup> December 2015.</b>	<b>Status of compliance of EC Conditions</b>
(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	Noted.

	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 <sup>3</sup> ).	
(v)	Common Incineration System for treating organic waste was setup in 2004 with thermal capacity of 6.5 million kcal/hour. BEIL have setup second incinerator in 2012 and in this system, waste heat is also recovered. The steam generated is used in the Multiple Effect Evaporation System (MEE). Solid Liquid/ other types of wastes are being treated in the Common Incineration system and so far, approximately 1.53 Lakhs MT waste has been incinerated.	Noted.
(vi)	The present proposal is an expansion project to utilize the area of Phase III to enhance the existing capacity of secured landfill (SLF) (Phase III) from 11.58 Lakhs MT to 14.58 Lakhs MT Integrated Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF). Phase III Pit Area = 2.98 Acre (12084 sqm) Phase III Closure Area = 14.755 Acre (59731 sqm) & capital cost involve in installation of the project is 30 Lakhs.	Noted.
(vii)	GIDC Water permission for 610 KLD including domestic water consumption. No additional power is required.	Noted.
(viii)	Supply source: Gujarat Electricity Board (GEB). In case of power failure, D.G. Set can be used (2 nos 975 KVA capacity each)	Noted.
(ix)	Project falls under Category "A" as it is an existing Integrated Common hazardous waste treatment, storage and disposal facilities (TSDFs).	Noted.
(x)	Leachate / Effluent from landfill will be treated in our Multiple Effect Evaporator (MEE) plant. Whenever	Noted.



	MEE is not in operation, leachate will be sent to CETP of Enviro Technology Limited at Ankleshwar.	
(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.	<p>Complied</p> <p>Green belt is developed in total 41,000 sq. mt to mitigate the impacts on the overall air quality at the site. Additionally, after the closure and capping of SLF in phased manner is total 75940 Sq.mt. gThus total 41.87% (14.68% + 27.19%) of total plot area is earmarked for development of green cover.</p> <p>The area available after capping of SLF in phased manner is given below:</p> <p>6,500 m<sup>2</sup> in Phase-I developed as garden 16000 no of Jatropha planted.</p> <p>43,440 m<sup>2</sup> in Phase-II under plantation.</p> <p>10,000 m<sup>2</sup> in Phase-III proposed after capping.</p> <p>Layout of green belt within the premises is attached as <b>Annexure – 13.</b></p>

4. 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”.

5. 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 18<sup>th</sup> 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 15<sup>th</sup> 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 17<sup>th</sup> June 2021**

**F. No. 21-48/2021-IA-III**

Government of India

Ministry of Environment, Forest and Climate Change  
(IA.III Section)

Indira Paryavaran Bhawan,  
Jor Bagh Road, New Delhi – 110003

**June 17<sup>th</sup>, 2021**

To,

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

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

Sir,

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

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

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

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

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



Sr. No.	Observation/Conditions as per Environmental Clearance No. 10-25/2019-IA-III dated 15 <sup>th</sup> October, 2020	Status of compliance of EC Conditions
2	<p>The project was considered by the Expert Appraisal Committee (Infra-2) in its 51<sup>st</sup> meeting held during 21-22 May, 2020 and thereafter in its 54<sup>th</sup> 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:-:</p>	Noted.
i.	<p>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:</p> <p>a. Phase I: 6,000,00 MT —Completed &amp; Capped  b. Phase II: 17,00,000 MT completed.  c. Phase III was developed between Phases I and II, having capacity 11.58 Lacs MT</p>	Noted.
ii.	<p>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.</p>	Noted.
iii.	<p>The proposed Phase IV landfill development comprises of optimization of the landfill capacity of the entire site to add 8,90,000 M<sup>3</sup> space to accommodate 13,40,000 MT of hazardous waste (waste density 1.5 Mg/m<sup>3</sup>) 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.</p>	Noted.
iv.	<p>The feasibility report has identified a proposed scheme to extend the life of the hazardous waste landfill at Ankleshwar for an additional approximately 5.5 years. The additional landfill capacity would comprise an extension to the existing landfill, at four locations around the perimeter. Engineering solutions have been identified to deliver</p>	Noted.

	<p>the proposed Phase IV landfill extension. Area and classification of land is as under:</p> <table border="1" data-bbox="201 277 995 969"> <thead> <tr> <th data-bbox="201 277 453 349">Phase II</th> <th data-bbox="453 277 756 349">Phase III</th> <th data-bbox="756 277 995 349">Phase IV</th> </tr> </thead> <tbody> <tr> <td data-bbox="201 349 453 969"> Total Site Area = <b>69 acre.</b>  <b>(2,79,233.33 Sq. Meters)= 27.92 ha</b> </td> <td data-bbox="453 349 756 969"> Total Site Area = <b>69 acre.</b>  <b>(2,79,233.33 Sq. Meters)</b>   Phase III Pit Area = <b>2.98 Acre</b>  <b>(12084 Sq. Meters)</b>   Phase III Closure Area = <b>14.755 Acre (59731 Sq. Meters).</b> </td> <td data-bbox="756 349 995 969"> Available space:  <b>8,90,000 m<sup>3</sup></b> </td> </tr> </tbody> </table>	Phase II	Phase III	Phase IV	Total Site Area = <b>69 acre.</b> <b>(2,79,233.33 Sq. Meters)= 27.92 ha</b>	Total Site Area = <b>69 acre.</b> <b>(2,79,233.33 Sq. Meters)</b>  Phase III Pit Area = <b>2.98 Acre</b> <b>(12084 Sq. Meters)</b>  Phase III Closure Area = <b>14.755 Acre (59731 Sq. Meters).</b>	Available space: <b>8,90,000 m<sup>3</sup></b>	
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v.	Permission for total water consumption of 657 KLD for existing facility including for domestic purpose (27 KLD) is already available from Gujarat Industrial Development Corporation (GIDC) supply. No additional water will be required, since; proposed capacity expansion will be the continued operation of secured land filling for disposal of hazardous waste	Noted. We have amended water consumption from 657 KLD to 743.4 KLD for SPD. Total water Consumption in March'22 is 4799 KL.						
vi.	No additional power is required. The existing source of electricity is Dakshin Gujarat Vij Company Limited (DGVCL). In case of power failure, existing two D.G. Sets of 975 KVA each and 1 DG set of 600 KVA capacity shall be used.	Complied.						
vii.	Project requires appraisal as Category "A" as the project lies in the Critically Polluted Area, as per the MoE&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.						

<b>viii.</b>	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.
<b>ix.</b>	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.
<b>x.</b>	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.
<b>xi.</b>	Earlier, Public Hearing was exempted as the project site is located in the GIDC Notified industrial area, Gujarat.	Noted.
<b>xii.</b>	Investment/Cost of the project is Rs. 50.58 Crores.	Noted.
<b>xiii.</b>	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.
<b>xiv.</b>	Employment Potential: Long term employment opportunity for the local people as well as migrants from nearby areas.	Noted.

<b>3</b>	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.
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4	<p>The EAC also noted that the proposal is for capacity enhancement of Secured Landfill to utilize available space of 8,90,000 m<sup>3</sup> 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&amp;CC's Regional Office (WZ), Bhopal vide letter No. 5-28/2008(ENV)/185 dated 02.03.2020 and asked the project proponent to submit additional information. Project Proponent submitted the additional information on Ministry's website on 29.07.2020. Subsequently the proposal was considered the EAC in its 54th meeting held during 27-28 August, 2020. The EAC also took note point wise reply submitted by Project Proponent towards observations of the EAC.</p>	Noted.
5	<p>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.</p>	Noted.
6	<p>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.</p>	Noted

<b>A. <u>Specific Conditions:-</u></b>		
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 ecosorb (organic and biodegradable chemical) around odor generation areas at regular intervals and by developing greenbelt with odour control species.	Shall be 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.</p> <ul style="list-style-type: none"> <li>• We have amended water consumption from 657 KLD to 743.4 KLD for SPD.</li> <li>• Total water Consumption in March '22 is 4799 KL.</li> <li>• We have valid NOC for ground water abstraction from CGWA vide NOC no. CGWA/NOC/IND/ORIG/2021/10974 with abstraction permission of 527 m<sup>3</sup>/day.</li> </ul>
iv.	Total 396.5 KLD of wastewater will be generated from existing as well as from proposed facility form Leachate of landfill and effluent from various sources like scrubber, washings from lab, drum washing, and cooling water blow down. It shall be treated in existing Multiple Effect Evaporator (MEE) plant. CETP facility shall only be used whenever entire MEE plant is put in maintenance as per SOP.	<p>Noted.</p> <ul style="list-style-type: none"> <li>• We have amended wastewater generation quantity from 396.5 KLD to 444.5 KLD for SPD.</li> </ul>
v.	As proposed total greenbelt at 36.14% (14.68% existing + 21.46% capped SLF area) of total plot area shall be maintained.	<p>Complied.</p> <p>Green belt is developed in total 41,000 sq. mt to mitigate the impacts on the overall air quality at the site. Additionally, after the closure and capping of SLF in phased manner is total 75940 Sq.mt. Thus total 41.87% (14.68% + 27.19%) of total plot area is earmarked for development of green cover.</p>



		<p>The area available after capping of SLF in phased manner is given below:  <b>6,500 m<sup>2</sup> in Phase-I</b> developed as garden 16000 nos. of Jatropha planted.  <b>43,440 m<sup>2</sup> in Phase-II</b> under plantation.  <b>10,000 m<sup>2</sup> in Phase-III</b> proposed after capping</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 rain water.</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.	<p>The Project proponent should ensure that the facility fulfils all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016 &amp; 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.</p>	<p>Noted.</p>
ix.	<p>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</p>	<p>Noted.</p>

x.	Sufficient number of Piezometer wells shall be installed in and around the project site to monitor the ground water quality in consultation with the State Pollution Control Board / CPCB. Periodical ground water/soil monitoring to check the contamination in and around the site shall be carried out.	Complied. <ul style="list-style-type: none"> <li>• We have 12 monitoring wells installed in existing site.</li> <li>• We are carrying out Monitoring of ground water and soil regularly.</li> </ul>
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.	Shall be complied.
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.
xiv.	As per the Ministry's Office Memorandum F.No. 22-65/2017-IA.III dated 01.05.2018, and as proposed, a fund of Rs. 0.8257 Crores shall be earmarked under Corporate Environment Responsibility (CER) for the activities such as Solar lights in adjacent villages, Construction of Toilets under Swatch Bharat Abhiyan, Construction of Water harvesting structures etc. The activities proposed under CER shall be restricted to the affected area around the	Noted and shall be complied.

	<p>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>	
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<p><b>B. Standard Condition:</b></p>		
<p><b>I. Statutory Compliance:</b></p>		
<p>i.</p>	<p>The Project proponent should ensure that the TSDF fulfils all the provisions of Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.</p>	<p>Noted.</p>
<p>ii.</p>	<p>Incinerator shall be designed as per CPCB guidelines. Energy shall be recovered from incinerator.</p>	<p>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.</p>
<p>iii.</p>	<p>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.</p>	<p>Complied.</p>
<p>iv.</p>	<p>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.</p>	<p>Complied. Existing site is in notified GIDC area and already have applicable clearance/permissions from respective authority. Permission of Fire Department, Civil Aviation Department, etc. is not required as our existing site is already in notified GIDC area.</p>
<p><b>I. Air quality monitoring and preservation:</b></p>		

1.	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Complied. <ul style="list-style-type: none"> <li>• Online stack monitoring system (CEMS) has been installed, the results of which are transmitted to GPCB/CPCB.</li> <li>• Calibration is done regularly.</li> </ul>
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 carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM <sub>10</sub> and PM <sub>2.5</sub> in reference to PM emission, and SO <sub>2</sub> and NO <sub>x</sub> in reference to SO <sub>2</sub> and NO <sub>x</sub> 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.
8.	Gas generated in the Land fill should be properly collected, monitored and flared	Complied. We are monitoring the vents provided at the closed portion of the landfill every month and the concentrations of hydrocarbons are very low.
9.	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 02 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 02 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	Noted.
<b>II. Water Quality monitoring and preservation:</b>		
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.
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 (should be >2 meters) & approved drawings before starting the construction work of cell. Depth of the water table for existing site is around 30 meters, and we have gone up to 7 meters below the surface level. Hence, fulfilling the criteria of CPCB guidelines.
4.	The Company shall ensure proper handling of all spillages by introducing spill control procedures for various chemicals.	Shall be complied.
5.	All leachates arising from premises should be collected and treated in the ETP followed by RO. RO rejects shall be evaporated in MEE. Toxicity Characteristic Leaching Procedure (TCLP) test to be performed on leachates.	Shall be complied.  We have received CTE (no.115466 dated 10.11.21) for ETP (MAP+ RO) capacity of 150 KLD.
6.	The Company shall review the unit operations provided for the treatment of effluents, especially the sequencing of MEE after tertiary treatment, the source of permeate when no R.O. is recommended and the treatment of MEE condensate. The scheme for treatment of effluents shall be as permitted by the Pollution Control Board/Committee under the provisions of consent to establish.	Shall be complied.
7.	Scrubber water, leachate water or wheel wash effluent shall be treated in the effluent treatment plant followed by RO to achieve zero liquid discharge.	Shall be complied.
8.	Rain water runoff from hazardous waste storage area shall be collected and treated in the effluent treatment plant	Shall be complied.
<b>III. Noise Monitoring prevention:</b>		
1.	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report	Complied. We are carrying out regular monitoring.

		Company is also carrying out monitoring through third party (once in the month from April'20) of noise level etc. as per norms laid down by CPCB.
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.
<b>IV. Energy Conservation measures:</b>		
1.	Energy conservation measures like installation of LED/CFLs TTFLs for the lighting the areas outside the building should be integral part of the project design and should be in place before project commissioning.	Shall be complied.
<b>V. Waste Management:</b>		
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.
<b>VI. Green Belt</b>		
1.	Green belt shall be developed in an area as provided in project details, with native tree species in accordance with Forest Department. The greenbelt shall inter alia cover the entire periphery of the project site.	Complied Green belt is developed in total 41,000 sq. mt to mitigate the impacts on the overall air quality at the site. Additionally, after the closure and capping of SLF in phased manner is total 75940 Sq.mt. Thus total 41.87% (14.68% + 27.19%) of total plot area is earmarked for development of green cover. The area available after capping of SLF in phased manner is given below: <b>6,500 m<sup>2</sup> in Phase-I</b> developed as garden 16000 nos. of Jatropha planted. <b>43,440 m<sup>2</sup> in Phase-II</b> under plantation. <b>10,000 m<sup>2</sup> in Phase-III</b> proposed after capping.
2.	Topsoil shall be separately stored and used in the development of green belt.	Noted and shall be complied.
<b>VII. Public hearing and Human health issues:</b>		
1.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Shall be Complied.
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.
<b>VIII. Corporate Environment Responsibility:</b>		
1.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest /wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	Noted and shall be complied.
2.	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	<p>Complied.</p> <p>Company have separate Environmental Management cell. Vice president (VP) – Operation, Environmental lab head, are directly reporting to Chief executive officer and Director.</p> <p>Details of the persons engaged in the Environment cell are as below:</p> <ol style="list-style-type: none"> <li>1. Mr. Manoj Patel: VP – Operation (BE Civil)</li> <li>2. Ms. Rakshita Vyas – Senior Manager- Env. (PGD-Environment)</li> <li>3. Mr. Satish Gaddam: Head, Environment Laboratory</li> <li>4. Bhoomi Tambdaia: Environment officer (BE Environment)</li> <li>5. Krishna Ichhapuria: Trainee Environment officer (BE Environment)</li> <li>6. Foram Patel: Environment officer (ME Environment)</li> </ol>

		<p><b>Corporate Environment Cell:</b></p> <p>1. Mr. B.D. Dalwadi - CEO - (BE – Chemical)</p> <p>2. Dr. P N Parameswaran: Advisor – Environment (PhD 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 <b>Annexure – 10.</b></p> <p>A separate account (Escrow account) is maintained for environment protection. These funds are not diverted for any other activity.</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 is been done every year by third party.</p>
<p><b>IX. Miscellaneous:</b></p>		
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&amp;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 <b>Annexure – 24.</b></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</p>	<p>Complied.</p> <p>We had marked the copy of the clearance letter to all the concerned authorities. Same is attached as <b>Annexure – 25.</b></p>

	who in turn has to display the same for 30 days from the date of receipt.	
iii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Noted and shall be complied-
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; PM <sub>2.5</sub> PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied. we have online board beside our main entry gate which contain ambient, stack and leachate details.
vii.	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Complied. The SPCB is informed time to time about the status of project.
viii.	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted.
ix.	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Shall be 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 <sup>3</sup> 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:

<b>16. Treatment, storage and disposal facility for hazardous and other wastes</b>		
<b>Sr. no</b>	<b>Rule</b>	<b>Status</b>
<b>1</b>	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)
<b>2</b>	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 <b>Annexure 2</b> .
<b>3</b>	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.
<b>4</b>	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.
<b>5</b>	The operator of common facility or occupier of a captive facility shall maintain records of hazardous and other wastes handled by him in <b>Form 3</b> .	Complied. All relevant details are maintained as per <b>Form 4</b> .
<b>6</b>	The operator of common facility or occupier of a captive facility shall file an annual return in <b>Form 4</b> to the State Pollution Control Board on or before the 30 <sup>th</sup> day of June following the financial year to which that return relates.	Complied. We are submitting <b>Form – 4</b> (Annual Return) for each financial year.

<b>18. Transportation of hazardous and other wastes. -</b>		
<b>Sr. no</b>	<b>Rule</b>	<b>Status</b>
<b>1</b>	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.
<b>2</b>	The occupier shall provide the transporter with the relevant information in <b>Form 9</b> , 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 <b>Form 8</b> .	Complied. Proper Labelling system and TREM Card is provided to the transporter. Manifest system is followed.
<b>4</b>	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.
<b>5</b>	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.
<b>6</b>	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.
<b>7</b>	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"> <li>- Lake or Pond : 200 Mtrs</li> <li>- River : 100 Mtrs</li> <li>- Flood plain : 100 years</li> <li>- Highway : 500 Mtrs</li> <li>- Habitation : 500 Mtrs</li> <li>- Public Parks : 500 Mtrs</li> <li>- Critical habitat Area : No landfill</li> <li>- Wet Lands: No landfill</li> <li>- Airport : No Landfill</li> <li>- Water Supply: 500 Mtrs</li> <li>- Coastal Regulation Zone : No landfill</li> <li>- Ground Water table level:&lt; 2 meters below the base</li> </ul>	<p><b>Complied.</b></p> <p>Landfill is located in Ankleshwar GIDC Estate fulfilling all the criteria mentioned in the guidelines.</p> <ul style="list-style-type: none"> <li>• Nearest railway station is at about 2.4 km (NE), Dadhhal.</li> <li>• Nearest river is at about 1.15 km (E), Kondhki Khadi.</li> <li>• Nearest village is at about 1.2 km (ENE), Jitali.</li> <li>• Nearest airport is at about 63 km (SW), Surat.</li> <li>• Nearest highway is at about 5 km (W), NH No.8.</li> </ul>
	<b>Planning And Design criteria:</b>	
2.	<p>1. Essential Components:</p> <ul style="list-style-type: none"> <li>- Liner System at base and sides of landfill</li> <li>- A leachate collection and treatment facility</li> <li>- Gas collection and treatment facility</li> <li>- Final cover system at top</li> <li>- Surface water drainage system</li> <li>- Environmental monitoring system</li> <li>- Closure and post closure plan</li> </ul>	<p><b>Complied.</b></p> <p>Appropriate base and side liners has been provided according to the criteria. Leachate collection wells (6 for Phase I, 7 for Phase II and 3 for Phase III) has been provided for collecting leachate and 3 for phase – IV 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"> <li>- 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</li> </ul>	<p><b>Complied.</b></p> <p>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:</p> <ul style="list-style-type: none"> <li>- Leachate control within a landfill involves the following steps:</li> <li>(a) Prevention of migration of leachate from landfill sides and landfill base to the subsoil by suitable liner system; and</li> <li>(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.</li> </ul>	<p><b>Complied.</b> A proper base and side liners has been provided according to the criteria. Drainage system is also provided to avoid infiltration of surface water.</p>
<p>4. Leachate Management:</p> <ul style="list-style-type: none"> <li>- Offsite Treatment</li> <li>- Onsite Treatment</li> <li>- Recirculation</li> </ul>	<p><b>Complied.</b> Leachate collection wells (6 for Phase I, 7 for Phase II and 3 for Phase III) has been provided, 3 for phase IV shall be provided and collected leachate is treated onsite in MEE or ETP (after commissioning) treatment.</p>
<p>5. Gaseous Emission Management:</p> <ul style="list-style-type: none"> <li>- Controlled passive venting</li> <li>- Controlled collection and treatment</li> </ul>	<p><b>Complied.</b> Adequate nos. of vents have been provided to collect and monitor generation of gas.</p>
<p>6. Final Cover System</p>	<p><b>Complied.</b></p> <ul style="list-style-type: none"> <li>• Phase I has been closed and covered with vegetation layer with enhanced surface drainage system.</li> <li>• Phase-II is Partially covered as per Guidelines.</li> <li>• Currently Phase-IV is in Operation.</li> </ul>
<p>7. Site Infrastructure:</p> <ul style="list-style-type: none"> <li>- Site Entrance and Fencing.</li> <li>- Administrative and Site Control Offices</li> <li>- Access Roads</li> <li>- Waste Inspection and Sampling Facility.</li> <li>- Equipment Workshops and Garages.</li> </ul>	<p><b>Complied.</b> 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"> <li>- Signs and Directions</li> <li>- Water Supply</li> <li>- Lighting</li> <li>- Vehicle Cleaning Facility</li> <li>- Fire Fighting Equipment</li> </ul>	water supply, lightings, vehicle cleaning facility, firefighting equipment, signs and directions etc., have been provided.
	8. Environment Monitoring System:	<p><b>Complied.</b></p> <ul style="list-style-type: none"> <li>• Regular monitoring of leachate quality, air quality, and noise is being carried out.</li> <li>• Monitoring of ground water, leachate, VOC generation, ambient air monitoring, noise monitoring has been conducted on regular basis.</li> </ul>
	9. Closure and post closure maintenance plan:	<p><b>Complied.</b></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><b>Complied.</b></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"> <li>- Site Development</li> <li>- Phase development</li> <li>- Phase operation</li> <li>- Phase closure</li> <li>- Landfill closure</li> <li>- Post closure vegetative stabilization</li> </ul>	<p><b>Complied.</b></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"> <li>- During construction of liners and covers</li> <li>- During operation</li> <li>- During closure and post closure period</li> <li>- Environmental Monitoring System</li> </ul>	<p><b>Complied.</b></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	<b>Complied.</b> 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	<b>Complied.</b> 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 22<sup>nd</sup> 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 <sup>th</sup> 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 <sup>3</sup> /day (existing 30 m <sup>3</sup> /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.

<b>PARAMETERS</b>	<b>PERMISSIBLE LIMIT</b>	
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 <sup>3</sup> /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 <sub>2</sub> NO <sub>2</sub>	150 mg/NM <sup>3</sup> 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 <sub>2</sub> NO <sub>x</sub> HCL Chlorine Ammonia H <sub>2</sub> S Mercaptan CO Hydrocarbon Dioxins Furans TOC HF Cd + Th (& its Compound) Hg (& its – 0.05 Mg/NM <sup>3</sup> ) Syo + As + Pb + Cr + Co + Cu + Mn + Ni + V (& their compounds)	50 mg/NM <sup>3</sup> 200 mg/NM <sup>3</sup> 400 mg/NM <sup>3</sup> 50 mg/NM <sup>3</sup> 9 mg/NM <sup>3</sup> 175 g/NM <sup>3</sup> 45 mg/NM <sup>3</sup> 0.8 by volume 100 mg/NM <sup>3</sup> 15 mg/ NM <sup>3</sup> 0.1ng/TEQ/NM <sup>3</sup> 0.1ng/TEQ/NM <sup>3</sup> 20 mg / NM <sup>3</sup> 4 mg / NM <sup>3</sup> 0.06 mg / NM <sup>3</sup>  0.5 mg / NM <sup>3</sup>

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.		
<b><u>PARAMETERS</u></b>	<b><u>PERMISSIBLE LIMIT</u></b>	
Suspended Particulate Matter	500 Microgram/M <sup>3</sup>	All parameters are well within limit.
RSPM	150 Microgram/M <sup>3</sup>	
SO <sub>2</sub>	120 Microgram/M <sup>3</sup>	
NO <sub>x</sub>	120 Microgram/M <sup>3</sup>	
HCL	200 Microgram/M <sup>3</sup>	
CL <sub>2</sub>	100 Microgram/M <sup>3</sup>	
Ammonia	850 Microgram/M <sup>3</sup>	
Hydrocarbon	160 Microgram/M <sup>3</sup>	
H <sub>2</sub> S	500 Microgram/M <sup>3</sup>	
HF	60 Microgram/M <sup>3</sup>	
CO	5000 Microgram/M <sup>3</sup>	
CS <sub>2</sub>	2000 Microgram/M <sup>3</sup>	
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.



## TEST CERTIFICATE

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

<b>M/s. BEIL INFRASTRUCTURE LIMITED.</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0351</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Location of Sampling	: <b>Near Laboratory</b>	Sampling Procedure	: <b>As per table</b>
Date of Sampling	: <b>04/10/2021</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID	: <b>BL/2110/01 [A-M]</b>
Sample Receipt Date	: <b>05/10/2021</b>	Date of Completion of Test	: <b>11/10/2021</b>
Date of Starting of Test	: <b>05/10/2021</b>		

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	79.7	100	IS 5182 (Part 23) 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	36.3	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	17.5	80	IS 5182 (Part 2) 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	35.4	80	IS 5182 (Part 6) 2014
5	Ozone (O <sub>3</sub> ) <sup>S</sup>	µg/m <sup>3</sup>	20.3	180	IS 5182 (Part 9) 2005
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.18	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS*	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 19) 2005
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 7) 2014

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC:50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Ammonia as NH<sub>3</sub>: 2.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S:6.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl: .5.0 µg/m<sup>3</sup>  
 @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

<b>M/s. BEIL INFRASTRUCTURE LIMITED.</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0352</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Location of Sampling	: <b>Near Shed No.10</b>	Sampling Procedure	: <b>As per table</b>
Date of Sampling	: <b>04/10/2021</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID	: <b>BL/2110/02 [A-M]</b>
Sample Receipt Date	: <b>05/10/2021</b>	Date of Completion of Test	: <b>11/10/2021</b>
Date of Starting of Test	: <b>05/10/2021</b>		

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	72.3	100	IS 5182 (Part 23) 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	32.7	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	16.5	80	IS 5182 (Part 2) 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	32.8	80	IS 5182 (Part 6) 2014
5	Ozone (O <sub>3</sub> ) <sup>S</sup>	µg/m <sup>3</sup>	18.3	180	IS 5182 (Part 9) 2005
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.04	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS*	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 19) 2005
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 7) 2014

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC:50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Ammonia as NH<sub>3</sub>: 2.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S:6.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl: .5.0 µg/m<sup>3</sup>  
 @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

<b>M/s. BEIL INFRASTRUCTURE LIMITED.</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0353</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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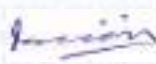
Location of Sampling	: <b>Opposite Side Of Phase-2 LW-4</b>	Sampling Procedure	: <b>As per table</b>
Date of Sampling	: <b>04/10/2021</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID	: <b>BL/2110/03 [A-M]</b>
Sample Receipt Date	: <b>05/10/2021</b>	Date of Completion of Test	: <b>11/10/2021</b>
Date of Starting of Test	: <b>05/10/2021</b>		

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	67.2	100	IS 5182 (Part 23) 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	29.6	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	18.9	80	IS 5182 (Part 2) 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	29.6	80	IS 5182 (Part 6) 2014
5	Ozone (O <sub>3</sub> ) <sup>§</sup>	µg/m <sup>3</sup>	14.5	180	IS 5182 (Part 9) 2005
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	0.86	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS*	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 19) 2005
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 7) 2014

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC:50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Ammonia as NH<sub>3</sub>: 2.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S:6.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl: .5.0 µg/m<sup>3</sup>  
 @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

<b>M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0395</b>
	Issue Date : <b>07/12/2021</b>
	Customer's Ref. : <b>W.O.No. 8521220045 Dated:19.04.2021</b>

Location of Sampling : <b>Opposite Side Of Phase-2 LW-4</b>	Date of Sampling : <b>01/11/2021</b>	Sampling Procedure : <b>As per table</b>
Sampling by : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>Ambient Air Quality Monitoring</b>	
Sample Receipt Date : <b>02/11/2021</b>	Lab ID : <b>BL/2111/17 [A3-M3]</b>	
Date of Starting of Test : <b>02/11/2021</b>	Date of Completion of Test : <b>08/11/2021</b>	

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	76.9	100	IS 5182 (Part 23) 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	40.9	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	17.2	80	IS 5182 (Part 2) 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	29.4	80	IS 5182 (Part 6) 2014
5	Ozone (O <sub>3</sub> ) <sup>†</sup>	µg/m <sup>3</sup>	20.7	180	IS 5182 (Part 9) 2005
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.1	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	24.9	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS <sup>†</sup>	IS 5182 (Part 11) 2017
9	Benzo (a) Pyrene (BaP) - particulate phase only	ng/m <sup>3</sup>	Not Detected	NS <sup>†</sup>	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS <sup>†</sup>	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS <sup>†</sup>	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS <sup>†</sup>	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS <sup>†</sup>	USEPA 26A & SOP HCl - 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS <sup>†</sup>	IS 5182 (Part 19) 2005
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS <sup>†</sup>	IS 5182 (Part 7) 2014

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC: 50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S: 6.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl: 5.0 µg/m<sup>3</sup>

†Limit as per CPCB Consent Order No. MW/89137 Date of Issue: 02/11/2017 Valid up to: 31/07/2022. NS<sup>†</sup>: Not Specified.

**Ravi Jariwala**  
Sr. Environmental Scientist

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

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**TEST CERTIFICATE**

QF/7.8/37-AQ

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Page: 1 of 1

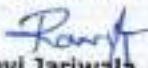
<b>M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0394</b>
	Issue Date :	<b>07/12/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>

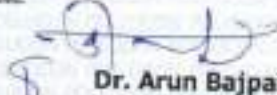
Location of Sampling :	<b>Near Shed No.10</b>		
Date of Sampling :	<b>01/11/2021</b>	Sampling Procedure :	<b>As per table</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>Ambient Air Quality Monitoring</b>
Sample Receipt Date :	<b>02/11/2021</b>	Lab ID :	<b>BL/2111/17 [A2-M2]</b>
Date of Starting of Test :	<b>02/11/2021</b>	Date of Completion of Test :	<b>08/11/2021</b>

**RESULT TABLE**

Sr. No.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	80.5	100	IS 5182 (Part 23) 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	50.3	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	14.3	80	IS 5182 (Part 2) 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	26.2	80	IS 5182 (Part 6) 2014
5	Ozone (O <sub>3</sub> ) <sup>§</sup>	µg/m <sup>3</sup>	23.1	180	IS 5182 (Part 9) 2005
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.16	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	27.9	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS <sup>*</sup>	IS 5182 (Part 11) 2017
9	Benzo (a) Pyrene (BaP) - particulate phase only	ng/m <sup>3</sup>	Not Detected	NS <sup>*</sup>	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS <sup>*</sup>	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS <sup>*</sup>	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS <sup>*</sup>	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS <sup>*</sup>	USEPA 26A & SOP HCl - 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS <sup>*</sup>	IS 5182 (Part 19) 2005
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS <sup>*</sup>	IS 5182 (Part 7) 2014

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC: 50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S: 5.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl : 5.0 µg/m<sup>3</sup>  
 §Limit as per GPCB Consent Order No. ANH-89137 Date of issue: 02/11/2017 Valid up to: 31/07/2022. NS<sup>\*</sup> Not Specified.

  
**Ravi Jariwala**  
 Sr. Environmental Scientist

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

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- ISO 45001
- ISO 9001

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

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**TEST CERTIFICATE**

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

<b>M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0393</b>
	Issue Date :	<b>07/12/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Location of Sampling :	<b>Near Laboratory</b>		
Date of Sampling :	<b>01/11/2021</b>	Sampling Procedure :	<b>As per table</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>Ambient Air Quality Monitoring</b>
Sample Receipt Date :	<b>02/11/2021</b>	Lab ID :	<b>BL/2111/17 [A1-M1]</b>
Date of Starting of Test :	<b>02/11/2021</b>	Date of Completion of Test :	<b>08/11/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>2</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	86.4	100	IS 5182 (Part 23) 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	47.9	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	20.9	80	IS 5182 (Part 2) 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	41.6	80	IS 5182 (Part 6) 2014
5	Ozone (O <sub>3</sub> ) <sup>1</sup>	µg/m <sup>3</sup>	33.9	180	IS 5182 (Part 9) 2005
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.4	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	36.4	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS <sup>3</sup>	IS 5182 (Part 11) 2017
9	Benzo (a) Pyrene (BaP) - particulate phase only	ng/m <sup>3</sup>	Not Detected	NS <sup>3</sup>	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS <sup>3</sup>	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS <sup>3</sup>	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS <sup>3</sup>	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS <sup>3</sup>	USEPA 26A & SOP HCl - 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS <sup>3</sup>	IS 5182 (Part 19) 2005
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS <sup>3</sup>	IS 5182 (Part 7) 2014

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.1 ng/m<sup>3</sup>, Hydrocarbon as HC: 50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S: 5.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl : 5.0 µg/m<sup>3</sup>  
 @Limit as per GPCB Consent Order No. AWH-89137 Date of Issue: 02/11/2017 Valid Up to: 31/07/2022, NS<sup>3</sup>: Not Specified.

  
**Ravi Jarwala**  
 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

<b>M/s. BEIL INFRASTRUCTURE LIMITED.</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0444</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Location of Sampling	: <b>Near Laboratory</b>	Sampling Procedure	: <b>As per table</b>
Date of Sampling	: <b>03/12/2021</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID	: <b>BL/2112/11 [A-M]</b>
Sample Receipt Date	: <b>04/12/2021</b>	Date of Completion of Test	: <b>10/12/2021</b>
Date of Starting of Test	: <b>04/12/2021</b>		

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	78.8	100	IS 5182 (Part 23) 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	38.2	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	17.7	80	IS 5182 (Part 2) 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	32.5	80	IS 5182 (Part 6) 2014
5	Ozone (O <sub>3</sub> ) <sup>\$</sup>	µg/m <sup>3</sup>	17.3	180	IS 5182 (Part 9) 2005
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.3	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS*	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 19) 2005
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 7) 2014

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC:50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S:6.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl: .5.0 µg/m<sup>3</sup>, Ammonia as NH<sub>3</sub>: 2.0 µg/m<sup>3</sup>.  
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS\*: Not Specified.

  
**Ravi Jariwala**  
**Sr. Environmental Scientist**

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

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

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

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## TEST CERTIFICATE

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Customer's Name and Address :

Page: 1 of 1

<b>M/s. BEIL INFRASTRUCTURE LIMITED.</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0445</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Location of Sampling	: <b>Near Shed No.10</b>	Sampling Procedure	: <b>As per table</b>
Date of Sampling	: <b>03/12/2021</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID	: <b>BL/2112/12 [A-M]</b>
Sample Receipt Date	: <b>04/12/2021</b>	Date of Completion of Test	: <b>10/12/2021</b>
Date of Starting of Test	: <b>04/12/2021</b>		

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	74.4	100	IS 5182 (Part 23) 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	32.6	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	15.9	80	IS 5182 (Part 2) 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	28.3	80	IS 5182 (Part 6) 2014
5	Ozone (O <sub>3</sub> ) <sup>§</sup>	µg/m <sup>3</sup>	12.3	180	IS 5182 (Part 9) 2005
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.2	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS*	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 19) 2005
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 7) 2014

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC:50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S:6.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl: .5.0 µg/m<sup>3</sup>, Ammonia as NH<sub>3</sub>: 2.0 µg/m<sup>3</sup>.  
 @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

<b>M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0446</b>
	Issue Date :	<b>20/12/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>

Location of Sampling	: <b>Opposite Side Of Phase-2 LW-4</b>		
Date of Sampling	: <b>03/12/2021</b>	Sampling Procedure	: <b>As per table</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date	: <b>04/12/2021</b>	Lab ID	: <b>BL/2112/13 [A-M]</b>
Date of Starting of Test	: <b>04/12/2021</b>	Date of Completion of Test	: <b>10/12/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	69.3	100	IS 5182 (Part 23) 2017
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	27.2	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	12.6	80	IS 5182 (Part 2) 2017
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	23.1	80	IS 5182 (Part 6) 2014
5	Ozone (O <sub>3</sub> ) <sup>§</sup>	µg/m <sup>3</sup>	8.2	180	IS 5182 (Part 9) 2005
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.0	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 11) 2017
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS*	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 19) 2005
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 7) 2014

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC:50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S:6.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl: .5.0 µg/m<sup>3</sup>, Ammonia as NH<sub>3</sub>: 2.0 µg/m<sup>3</sup>.

@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

<b>M/s. BEIL INFRASTRUCTURE LIMITED.</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0001</b> Issue Date : <b>12/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Location of Sampling	: <b>Near Laboratory</b>	Sampling Procedure	: <b>As per table</b>
Date of Sampling	: <b>05/01/2022</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID	: <b>BL/2201/12 [A-M]</b>
Sample Receipt Date	: <b>06/01/2022</b>	Date of Completion of Test	: <b>12/01/2022</b>
Date of Starting of Test	: <b>06/01/2022</b>		

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	80.9	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	50.4	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	23.4	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	29.2	80	IS 5182 (Part 6)
5	Ozone (O <sub>3</sub> ) <sup>\$</sup>	µg/m <sup>3</sup>	30.8	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.2	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	31.8	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS*	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 7)

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC:50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S:6.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl: .5.0 µg/m<sup>3</sup>, Ammonia as NH<sub>3</sub>:2.0 µg/m<sup>3</sup>.  
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS\*: Not Specified.

  
**Ravi Jariwala**  
**Sr. Environmental Scientist**

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

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

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

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

## TEST CERTIFICATE

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

<b>M/s. BEIL INFRASTRUCTURE LIMITED.</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0002</b> Issue Date : <b>12/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <span style="float: right;"><b>Dated:19.04.2021</b></span>
--	--

Location of Sampling	: <b>Near Shed No.10</b>	Sampling Procedure	: <b>As per table</b>
Date of Sampling	: <b>05/01/2022</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID	: <b>BL/2201/13 [A-M]</b>
Sample Receipt Date	: <b>06/01/2022</b>	Date of Completion of Test	: <b>12/01/2022</b>
Date of Starting of Test	: <b>06/01/2022</b>		

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	76.4	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	44.8	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	18.3	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	30.8	80	IS 5182 (Part 6)
5	Ozone (O <sub>3</sub> ) <sup>§</sup>	µg/m <sup>3</sup>	16.8	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.0	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS*	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 7)

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC:50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S:6.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl: .5.0 µg/m<sup>3</sup>, Ammonia as NH<sub>3</sub>:2.0 µg/m<sup>3</sup>  
 @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

<b>M/s. BEIL INFRASTRUCTURE LIMITED.</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0003</b> Issue Date : <b>12/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <span style="float: right;"><b>Dated:19.04.2021</b></span>
--	--

Location of Sampling	: <b>Opposite Side Of Phase-2 LW-4</b>		
Date of Sampling	: <b>05/01/2022</b>	Sampling Procedure	: <b>As per table</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sample Receipt Date	: <b>06/01/2022</b>	Lab ID	: <b>BL/2201/14 [A-M]</b>
Date of Starting of Test	: <b>06/01/2022</b>	Date of Completion of Test	: <b>12/01/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	72.4	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	40.2	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	10.2	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	21.8	80	IS 5182 (Part 6)
5	Ozone (O <sub>3</sub> ) <sup>§</sup>	µg/m <sup>3</sup>	12.8	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.1	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS*	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 7)

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC:50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S:6.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl: .50 µg/m<sup>3</sup>, Ammonia as NH<sub>3</sub>:2.0 µg/m<sup>3</sup>.  
 @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

<b>M/s. BEIL INFRASTRUCTURE LIMITED.</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0049</b> Issue Date : <b>10/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <span style="float: right;"><b>Dated:19.04.2021</b></span>
--	--

Location of Sampling	: <b>Near Laboratory</b>	Sampling Procedure	: <b>As per table</b>
Date of Sampling	: <b>03/02/2022</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID	: <b>BL/2202/20 [A-M]</b>
Sample Receipt Date	: <b>04/02/2022</b>	Date of Completion of Test	: <b>10/02/2022</b>
Date of Starting of Test	: <b>04/02/2022</b>		

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	83.8	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	48.95	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	11.2	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	18.6	80	IS 5182 (Part 6)
5	Ozone (O <sub>3</sub> ) <sup>\$</sup>	µg/m <sup>3</sup>	16.9	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.1	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS*	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 7)

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC:50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S:6.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl: .5.0 µg/m<sup>3</sup>, Ammonia as NH<sub>3</sub>:2.0 µg/m<sup>3</sup>.  
 @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

<b>M/s. BEIL INFRASTRUCTURE LIMITED. PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0050</b>
	Issue Date :	<b>10/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>

Location of Sampling :	<b>Near Shed No.10</b>	Sampling Procedure :	<b>As per table</b>
Date of Sampling :	<b>03/02/2022</b>	Protocol (purpose) :	<b>Ambient Air Quality Monitoring</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID :	<b>BL/2202/21 [A-M]</b>
Sample Receipt Date :	<b>04/02/2022</b>	Date of Completion of Test :	<b>10/02/2022</b>
Date of Starting of Test :	<b>04/02/2022</b>		

**RESULT TABLE**

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	82.3	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	40.4	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	10.2	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	15.2	80	IS 5182 (Part 6)
5	Ozone (O <sub>3</sub> ) <sup>§</sup>	µg/m <sup>3</sup>	12.8	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.4	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS*	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 7)

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC:50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S:6.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl: .5.0 µg/m<sup>3</sup>, Ammonia as NH<sub>3</sub>:2.0 µg/m<sup>3</sup>  
 @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

<b>M/s. BEIL INFRASTRUCTURE LIMITED.</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0051</b> Issue Date : <b>10/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <span style="float: right;"><b>Dated:19.04.2021</b></span>
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Location of Sampling	: <b>Opposite Side Of Phase-2 LW-4</b>	Sampling Procedure	: <b>As per table</b>
Date of Sampling	: <b>03/02/2022</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID	: <b>BL/2202/22 [A-M]</b>
Sample Receipt Date	: <b>04/02/2022</b>	Date of Completion of Test	: <b>10/02/2022</b>
Date of Starting of Test	: <b>04/02/2022</b>		

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>®</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	80.8	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	38.6	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	12.7	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	14.9	80	IS 5182 (Part 6)
5	Ozone (O <sub>3</sub> ) <sup>§</sup>	µg/m <sup>3</sup>	13.4	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.3	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS*	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 7)

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC:50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S:6.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl: .5.0 µg/m<sup>3</sup>, Ammonia as NH<sub>3</sub>: 2.0 µg/m<sup>3</sup>.  
 @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

<b>M/s. BEIL INFRASTRUCTURE LIMITED.</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0101</b> Issue Date : <b>07/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <span style="float: right;"><b>Dated:19.04.2021</b></span>
--	--

Location of Sampling	: <b>Near Laboratory</b>	Sampling Procedure	: <b>As per table</b>
Date of Sampling	: <b>01/03/2022</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID	: <b>BL/2203/13 [A-M]</b>
Sample Receipt Date	: <b>02/03/2022</b>	Date of Completion of Test	: <b>07/03/2022</b>
Date of Starting of Test	: <b>02/03/2022</b>		

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	78.4	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	45.1	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	13.9	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	25.1	80	IS 5182 (Part 6)
5	Ozone (O <sub>3</sub> ) <sup>\$</sup>	µg/m <sup>3</sup>	20.6	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.0	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS*	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 7)

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC:50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S:6.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl: .5.0 µg/m<sup>3</sup>, Ammonia as NH<sub>3</sub>: 2.0 µg/m<sup>3</sup>.  
 @Limit as per GPCB Consent Order No. AWH-89137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022. NS\*: Not Specified.

  
**Ravi Jariwala**  
**Sr. Environmental Scientist**

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

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

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



## TEST CERTIFICATE

QF/7.8/37-AQ

Customer's Name and Address :

Page: 1 of 1

<b>M/s. BEIL INFRASTRUCTURE LIMITED.</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0102</b> Issue Date : <b>07/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <span style="float: right;"><b>Dated:19.04.2021</b></span>
--	--

Location of Sampling	: <b>Near Shed No.10</b>	Sampling Procedure	: <b>As per table</b>
Date of Sampling	: <b>01/03/2022</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID	: <b>BL/2203/14 [A-M]</b>
Sample Receipt Date	: <b>02/03/2022</b>	Date of Completion of Test	: <b>07/03/2022</b>
Date of Starting of Test	: <b>02/03/2022</b>		

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	70.9	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	38.3	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	16.1	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	30.4	80	IS 5182 (Part 6)
5	Ozone (O <sub>3</sub> ) <sup>§</sup>	µg/m <sup>3</sup>	23.6	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.2	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS*	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 7)

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC:50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S:6.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl: 5.0 µg/m<sup>3</sup>, Ammonia as NH<sub>3</sub>:2.0 µg/m<sup>3</sup>  
 @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

<b>M/s. BEIL INFRASTRUCTURE LIMITED.</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0103</b> Issue Date : <b>07/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <span style="float: right;"><b>Dated:19.04.2021</b></span>
--	--

Location of Sampling	: <b>Opposite Side Of Phase-2 LW-4</b>	Sampling Procedure	: <b>As per table</b>
Date of Sampling	: <b>01/03/2022</b>	Protocol (purpose)	: <b>Ambient Air Quality Monitoring</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Lab ID	: <b>BL/2203/15 [A-M]</b>
Sample Receipt Date	: <b>02/03/2022</b>	Date of Completion of Test	: <b>07/03/2022</b>
Date of Starting of Test	: <b>02/03/2022</b>		

### RESULT TABLE

SR. NO.	TEST PARAMETER	UNIT	RESULTS	LIMIT <sup>@</sup>	METHOD OF MEASUREMENT
1	Particulate Matter (PM <sub>10</sub> )	µg/m <sup>3</sup>	76.1	100	IS 5182 (Part 23)
2	Particulate Matter (PM <sub>2.5</sub> )	µg/m <sup>3</sup>	34.5	60	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
3	Sulphur Dioxide as SO <sub>2</sub>	µg/m <sup>3</sup>	9.4	80	IS 5182 (Part 2)
4	Oxides of Nitrogen as NO <sub>2</sub>	µg/m <sup>3</sup>	19.6	80	IS 5182 (Part 6)
5	Ozone (O <sub>3</sub> ) <sup>§</sup>	µg/m <sup>3</sup>	16.1	180	IS 5182 (Part 9)
6	Carbon Monoxide as CO	mg/m <sup>3</sup>	1.2	04	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
7	Ammonia as NH <sub>3</sub>	µg/m <sup>3</sup>	Not Detected	400	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
8	Benzene as C <sub>6</sub> H <sub>6</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 11)
9	Benzo (a) Pyrene (BaP) – particulate phase only	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
10	Arsenic as As	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
11	Nickel as Ni	ng/m <sup>3</sup>	Not Detected	NS*	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
12	Lead as Pb	µg/m <sup>3</sup>	Not Detected	1.0	CPCB Guidelines for AAQM (Vol. I, NAAQMS/36/2012-13)
13	Hydrocarbon as HC	µg/m <sup>3</sup>	Not Detected	NS*	Gas chromatography
14	HCl	µg/m <sup>3</sup>	Not Detected	NS*	USEPA 26A & SOP HCl – 01
15	Chlorine as Cl <sub>2</sub>	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 19)
16	Hydrogen Sulphide as H <sub>2</sub> S	µg/m <sup>3</sup>	Not Detected	NS*	IS 5182 (Part 7)

Detection Limit : Benzene as C<sub>6</sub>H<sub>6</sub>: 2.0 µg/m<sup>3</sup>, Arsenic as As: 2.0 ng/m<sup>3</sup>, Benzo (a) Pyrene (BaP) - particulate phase only: 0.5 ng/m<sup>3</sup>, Hydrocarbon as HC:50 µg/m<sup>3</sup>, Chlorine as Cl<sub>2</sub>: 15.0 µg/m<sup>3</sup>, Lead : 0.1 µg/m<sup>3</sup>, Hydrogen Sulphide as H<sub>2</sub>S:6.0 µg/m<sup>3</sup>, Nickel as Ni : 0.5 µg/m<sup>3</sup>, HCl: .5.0 µg/m<sup>3</sup>, Ammonia as NH<sub>3</sub>:2.0 µg/m<sup>3</sup>.  
 @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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# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT



TC-8141

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

Page: 1 of 2

Barcode Id 86d0f16b20 Report No/Sample ID TC814121000002949F Report Date 27-Oct-21

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)(NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	NEAR INCINERATION PLANT-2	Sample Received Date:	04-Oct-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	05-Oct-2021
Fuel:	---	Analysis Completion Date:	27-Oct-2021
Sampling Start Date & Time:	02-Oct-21 12:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-Oct-21 12:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m <sup>3</sup>	64	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m <sup>3</sup>	20.86	60	CPCB GUIDELINE VOLUME-I
3	SULPHUR DIOXIDE	µg/m <sup>3</sup>	10.99	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m <sup>3</sup>	5.52	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m <sup>3</sup>	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m <sup>3</sup>	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M <sup>3</sup>	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M <sup>3</sup>	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT



TC8141

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

Page: 2 of 2

Barcode Id 86d0f16b20 Report No/Sample ID TC814121000002949F Report Date 27-Oct-21


Remarks:

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

  
ANALYSED BY

  
VERIFIED BY

For BEIL Infrastructure Ltd.

  
AUTHORIZED SIGNATORY  
MR. SATHISHKUMAR GADDAM



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Envir Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

Page: 1 of 1

Barcode Id f250466502 Report No/Sample ID 5936191330 Report Date 23-Oct-21

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)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	NEAR INCINERATION PLANT-2	Sample Received Date:	04-Oct-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	05-Oct-2021
Fuel:	---	Analysis Completion Date:	23-Oct-2021
Sampling Start Date & Time:	02-Oct-21 12:00	Sample Type:	Others Sample
Sampling End Date & Time:	03-Oct-21 12:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	OZONE	µg/m3	9.16	180	IS : 5182 (PART-IX) 1974
4	CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

Remarks:

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

  
ANALYSED BY

  
VERIFIED BY

For BEIL Infrastructure Ltd.  
  
AUTHORIZED SIGNATORY  
MR. SATHISHKUMAR GADDAM



# 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

Page: 1 of 2

Barcode Id 65539e52ec

Report No/Sample ID TC814121000003190F

Report Date 23-Oct-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-3)(NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	BEHIND SHED NO.08	Sample Received Date:	04-Oct-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	05-Oct-2021
Fuel:	---	Analysis Completion Date:	23-Oct-2021
Sampling Start Date & Time:	02-Oct-21 12:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-Oct-21 12:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m3	60	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m3	22.80	60	CPCB GUIDELINE VOLUME-I
3	SULPHUR DIOXIDE	µg/m3	14.85	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m3	7.78	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m3	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m3	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M3	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M3	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)



# BEIL INFRASTRUCTURE LIMITED

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TEST REPORT



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Barcode Id 65539e52ec

Report No/Sample ID TC814121000003190F

Report Date 23-Oct-21

Remarks:

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

For BEIL Infrastructure Ltd.

  
ANALYSED BY

  
VERIFIED BY

  
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM



# BEIL INFRASTRUCTURE LIMITED

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Barcode Id 21849516aa

Report No/Sample ID 5936191329 Report Date 23-Oct-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-3)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	BEHIND SHED NO.08	Sample Received Date:	04-Oct-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	05-Oct-2021
Fuel:	---	Analysis Completion Date:	23-Oct-2021
Sampling Start Date & Time:	02-Oct-21 12:30	Sample Type:	Others Sample
Sampling End Date & Time:	03-Oct-21 12:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	OZONE	µg/m3	6.82	180	IS : 5182 (PART-IX) 1974
4	CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

Remarks:

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

ANALYSED BY

VERIFIED BY

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM





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Barcode Id c5c8ff25b3

Report No/Sample ID TC814121000003189F

Report Date 23-Oct-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-2)(NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	OPP. OF C6LW-4	Sample Received Date:	04-Oct-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	05-Oct-2021
Fuel:	---	Analysis Completion Date:	23-Oct-2021
Sampling Start Date & Time:	02-Oct-21 13:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-Oct-21 13:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m <sup>3</sup>	68	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m <sup>3</sup>	23.27	60	CPCB GUIDELINE VOLUME-I
3	SULPHUR DIOXIDE	µg/m <sup>3</sup>	13.02	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m <sup>3</sup>	16.74	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m <sup>3</sup>	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m <sup>3</sup>	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M <sup>3</sup>	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M <sup>3</sup>	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)



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Barcode Id c5c8ff25b3

Report No/Sample ID TC814121000003189F

Report Date 23-Oct-21

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

  
ANALYSED BY

  
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# BEIL INFRASTRUCTURE LIMITED

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Barcode Id 411497c02b

Report No/Sample ID 5936191328 Report Date 23-Oct-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-2)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	OPP. OF C6LW-4	Sample Received Date:	04-Oct-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	05-Oct-2021
Fuel:	---	Analysis Completion Date:	23-Oct-2021
Sampling Start Date & Time:	02-Oct-21 13:00	Sample Type:	Others Sample
Sampling End Date & Time:	03-Oct-21 13:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	OZONE	µg/m3	9.88	180	IS : 5182 (PART-IX) 1974
4	CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

Remarks:

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

  
ANALYSED BY

  
VERIFIED BY

For BEIL Infrastructure Ltd.

  
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM



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Barcode Id c1bd2e995e

Report No/Sample ID TC814121000003188F

Report Date 23-Oct-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-1)(NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	OPP. LABORATORY	Sample Received Date:	04-Oct-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	05-Oct-2021
Fuel:	---	Analysis Completion Date:	23-Oct-2021
Sampling Start Date & Time:	02-Oct-21 11:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-Oct-21 11:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m3	62	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m3	27.32	60	CPCB GUIDELINE VOLUME-I
3	SULPHUR DIOXIDE	µg/m3	13.95	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m3	29.88	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m3	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m3	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M3	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M3	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)



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Page: 2 of 2

Barcode Id c1bd2e995e Report No/Sample ID TC814121000003188F Report Date 23-Oct-21


Remarks:

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For BEIL Infrastructure Ltd.

  
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AUTHORIZED SIGNATORY  
MR. SATHISHKUMAR GADDAM



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Barcode Id 05fc471e6b

Report No/Sample ID 5936191327 Report Date 23-Oct-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-1)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	OPP. LABORATORY	Sample Received Date:	04-Oct-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	05-Oct-2021
Fuel:	---	Analysis Completion Date:	23-Oct-2021
Sampling Start Date & Time:	02-Oct-21 11:30	Sample Type:	Others Sample
Sampling End Date & Time:	03-Oct-21 11:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C <sub>6</sub> H <sub>6</sub> (AIR)	µg/m <sup>3</sup>	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M <sup>3</sup>	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	OZONE	µg/m <sup>3</sup>	8.87	180	IS : 5182 (PART-IX) 1974
4	CO (AIR)	mg/m <sup>3</sup>	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

Remarks:

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

  
ANALYSED BY

  
VERIFIED BY

For BEIL Infrastructure Ltd.

  
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM



# BEIL INFRASTRUCTURE LIMITED

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Barcode Id e247d65881 Report No/Sample ID TC814121000003384F Report Date 29-Nov-21

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)(NABL)		
Sample Quantity:	01	Sampling Date:	04-Nov-2021
Sampling Location:	NEAR INC.P-2 OFFICE	Sample Received Date:	04-Nov-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	05-Nov-2021
Fuel:	--	Analysis Completion Date:	29-Nov-2021
Sampling Start Date & Time:	03-NOV-2021 11:30	Sample Type:	Air Sample
Sampling End Date & Time:	04-NOV-2021 11:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m <sup>3</sup>	83	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m <sup>3</sup>	23.90	60	IS 5182 : PART 24 : 2019
3	SULPHUR DIOXIDE	µg/m <sup>3</sup>	10.88	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m <sup>3</sup>	17.15	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m <sup>3</sup>	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m <sup>3</sup>	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M <sup>3</sup>	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M <sup>3</sup>	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)



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## ANALYTICAL RESEARCH LABORATORY



TC-8141

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Page: 2 of 2

laboratory

Barcode Id e247d65881 Report No/Sample ID TC814121000003384F Report Date 29-Nov-21

Remarks:

END OF REPORT

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VERIFIED BY

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM





# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

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Page: 1 of 1

Barcode Id 6973ef5cdb Report No/Sample ID 5936191997 Report Date 29-Nov-21

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)(NON NABL)		
Sample Quantity:	01	Sampling Date:	04-Nov-2021
Sampling Location:	NEAR INC.P-2 OFFICE	Sample Received Date:	04-Nov-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	05-Nov-2021
Fuel:	--	Analysis Completion Date:	29-Nov-2021
Sampling Start Date & Time:	03-NOV-2021 11:30	Sample Type:	Air Sample
Sampling End Date & Time:	04-NOV-2021 11:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2008
2	BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	OZONE	µg/m3	9.61	180	IS 5182 : PART 9 : 1974 (REAFFIRMED YEAR : 2019 )
4	CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

Remarks:

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

  
ANALYSED BY

  
VERIFIED BY

For BEIL Infrastructure Ltd.

  
AUTHORIZED SIGNATORY  
MR. SATHISHKUMAR GADDAM



# BEIL INFRASTRUCTURE LIMITED

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Page: 1 of 2

Barcode Id 15853739ca Report No/Sample ID TC814121000003385F Report Date 29-Nov-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-3)(NABL)		
Sample Quantity:	01	Sampling Date:	04-Nov-2021
Sampling Location:	BEHIND SHED NO.8	Sample Received Date:	04-Nov-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	05-Nov-2021
Fuel:	--	Analysis Completion Date:	29-Nov-2021
Sampling Start Date & Time:	03-NOV-2021 11:35	Sample Type:	Air Sample
Sampling End Date & Time:	04-NOV-2021 11:35	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m <sup>3</sup>	76	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m <sup>3</sup>	22.67	60	IS 5182 : PART 24 : 2019
3	SULPHUR DIOXIDE	µg/m <sup>3</sup>	12.49	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m <sup>3</sup>	14.46	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m <sup>3</sup>	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m <sup>3</sup>	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M3	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M3	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)



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Page: 2 of 2

Barcode Id 15853739ca Report No/Sample ID TC814121000003385F Report Date 29-Nov-21


Remarks:

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

  
ANALYSED BY

  
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For BEIL Infrastructure Ltd.

  
AUTHORIZED SIGNATORY  
MR. SATHISHKUMAR GADDAM



# BEIL INFRASTRUCTURE LIMITED

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Page: 1 of 1

Barcode Id: c3f80b7da8 Report No/Sample ID: 5936191996 Report Date: 29-Nov-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-3)(NON NABL)		
Sample Quantity:	01	Sampling Date:	04-Nov-2021
Sampling Location:	BEHIND SHED NO.8	Sample Received Date:	04-Nov-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	05-Nov-2021
Fuel:	--	Analysis Completion Date:	29-Nov-2021
Sampling Start Date & Time:	03-NOV-2021 11:35	Sample Type:	Air Sample
Sampling End Date & Time:	04-NOV-2021 11:35	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m <sup>3</sup>	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M <sup>3</sup>	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	OZONE	µg/m <sup>3</sup>	8.80	180	IS 5182 : PART 9 : 1974 (REAFFIRMED YEAR : 2019 )
4	CO (AIR)	mg/m <sup>3</sup>	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

Remarks:

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

ANALYSED BY

VERIFIED BY

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Estate Infrastructure Ltd.)

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Page: 1 of 2

Barcode Id fc20cf2376

Report No/Sample ID TC814121000003386F

Report Date 29-Nov-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-2)(NABL)		
Sample Quantity:	01	Sampling Date:	04-Nov-2021
Sampling Location:	OPP. OF C6LW-4	Sample Received Date:	04-Nov-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	05-Nov-2021
Fuel:	--	Analysis Completion Date:	29-Nov-2021
Sampling Start Date & Time:	03-NOV-2021 12:00	Sample Type:	Air Sample
Sampling End Date & Time:	04-NOV-2021 12:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m3	91	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m3	24.81	60	IS 5182 : PART 24 : 2019
3	SULPHUR DIOXIDE	µg/m3	23.32	80	IS-5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m3	7.31	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m3	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m3	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M3	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M3	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)



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Page: 2 of 2

Barcode Id fc20cf2376 Report No/Sample ID TC814121000003386F Report Date 29-Nov-21


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MR. SATHISHKUMAR GADDAM



# BEIL INFRASTRUCTURE LIMITED

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Barcode Id 3da1b520de Report No/Sample ID 5936191995 Report Date 29-Nov-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-2)(NON NABL)		
Sample Quantity:	01	Sampling Date:	04-Nov-2021
Sampling Location:	OPP. OF C6LW4	Sample Received Date:	04-Nov-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	05-Nov-2021
Fuel:	--	Analysis Completion Date:	29-Nov-2021
Sampling Start Date & Time:	03-NOV-2021 12:00	Sample Type:	Air Sample
Sampling End Date & Time:	04-NOV-2021 12:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I.MAY-2011)
3	OZONE	µg/m3	8.90	180	IS 5182 : PART 9 : 1974 (REAFFIRMED YEAR : 2019 )
4	CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

Remarks:

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

ANALYSED BY

VERIFIED BY

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY  
MR. SATHISHKUMAR GADDAM



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY



## TEST REPORT

ISO/IEC 17025 Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

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Barcode Id c3fbc25460 Report No/Sample ID TC814121000003387F Report Date 29-Nov-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-1)(NABL)		
Sample Quantity:	01	Sampling Date:	04-Nov-2021
Sampling Location:	ON THE ROOF OF LAB	Sample Received Date:	04-Nov-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	05-Nov-2021
Fuel:	--	Analysis Completion Date:	29-Nov-2021
Sampling Start Date & Time:	03-NOV-2021 11:00	Sample Type:	Air Sample
Sampling End Date & Time:	04-NOV-2021 11:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m <sup>3</sup>	97.00	100	SOP/AIR/001 ISSUE NO. 01 DATE-25/01/2018
2	PM 2.5	µg/m <sup>3</sup>	26.09	60	IS 5182 : PART 24 : 2019
3	SULPHUR DIOXIDE	µg/m <sup>3</sup>	15.64	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m <sup>3</sup>	9.74	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m <sup>3</sup>	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m <sup>3</sup>	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M <sup>3</sup>	BDL	6.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M <sup>3</sup>	BDL	20	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)





# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Estate Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY



TEST REPORT

ISO/IEC 17025:2005 Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

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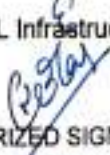
Barcode Id c3fbc25460 Report No/Sample ID TC814121000003387F Report Date 29-Nov-21

Remarks:

END OF REPORT

  
ANALYSED BY

  
VERIFIED BY

For BEIL Infrastructure Ltd.  
  
AUTHORIZED SIGNATORY  
MR. SATHISHKUMAR GADDAM



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Evisio Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

## TEST REPORT

ISO 17025 Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

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Barcode Id add72bc9ed Report No/Sample ID 5936191993 Report Date 29-Nov-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-1) (NON NABL)		
Sample Quantity:	01	Sampling Date:	04-Nov-2021
Sampling Location:	ON LAB ROOF	Sample Received Date:	04-Nov-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	05-Nov-2021
Fuel:	--	Analysis Completion Date:	29-Nov-2021
Sampling Start Date & Time:	03-NOV-2021 11:00	Sample Type:	Air Sample
Sampling End Date & Time:	04-NOV-2021 11:00	Sampling Duration:	24:00 Hrs


Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	OZONE	µg/m3	10.10	180	IS 5182 : PART 9 : 1974 (REAFFIRMED YEAR : 2019 )
4	CO (AIR)	mg/m3	BDL	4.0	NDIR DIGITAL GAS ANALYZER.

Remarks:

END OF REPORT

  
ANALYSED BY

  
VERIFIED BY

For BEIL Infrastructure Ltd.  
  
AUTHORIZED SIGNATORY  
MR. SATHISHKUMAR GADDAM



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Eco-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 547cdd9d88

Report No/Sample ID TC814121000003639F

Report Date 30-Dec-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist -Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-1)(NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	OPP. LABORATORY	Sample Received Date:	02-Dec-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	03-Dec-2021
Fuel:	---	Analysis Completion Date:	04-Dec-2021
Sampling Start Date & Time:	02-Dec-21 14:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-Dec-21 14:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m <sup>3</sup>	90.63	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m <sup>3</sup>	21.13	60	IS 5182 : PART 24 : 2019
3	SULPHUR DIOXIDE	µg/m <sup>3</sup>	31.82	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m <sup>3</sup>	5.28	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m <sup>3</sup>	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m <sup>3</sup>	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M <sup>3</sup>	BDL	6.0	SOP BASED ON CPCB GUIDELINE MANUAL NAAQMS/36/2012-13 VOL-1: 2013
8	NICKEL AS NI	ng/M <sup>3</sup>	BDL	20	IS 5182 (PART 26) :2020



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Envir Infrastructure Ltd.)

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ISO 14001 & ISO 45001 Certified Laboratory

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Barcode Id 547cdd9d88

Report No/Sample ID TC814121000003639F

Report Date 30-Dec-21

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

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Barcode Id    ccb93f44a9    Report No/Sample ID    5938192318    Report Date    30-Dec-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-1)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	OPP. LABORATORY	Sample Received Date:	02-Dec-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	03-Dec-2021
Fuel:	---	Analysis Completion Date:	04-Dec-2021
Sampling Start Date & Time:	02-Nov-21 14:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-Nov-21 14:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/m3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	OZONE	µg/m3	8.46	180	IS 5182 PART 9 :1974 (REA: 2019)
4	CO (AIR)	mg/m3	BDL	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 Eco-Infrastructure Ltd.)  
ANALYTICAL RESEARCH LABORATORY



## TEST REPORT

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NABL ACCREDITED LAB (TC-8141)

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Barcode Id a234d2eabe

Report No/Sample ID TC814121000003640F

Report Date 30-Dec-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-2)(NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	OPP. OF C6LW-4	Sample Received Date:	02-Dec-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	03-Dec-2021
Fuel:	---	Analysis Completion Date:	04-Dec-2021
Sampling Start Date & Time:	02-Dec-21 16:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-Dec-21 16:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m <sup>3</sup>	95.42	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m <sup>3</sup>	22.15	60	IS 5182 : PART 24 : 2019
3	SULPHUR DIOXIDE	µg/m <sup>3</sup>	16.92	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m <sup>3</sup>	13.25	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m <sup>3</sup>	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m <sup>3</sup>	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M <sup>3</sup>	BDL	6.0	SOP BASED ON CPCB GUIDELINE MANUAL NAAQMS/36/2012-13 VOL-1: 2013
8	NICKEL AS NI	ng/M <sup>3</sup>	BDL	20	IS 5182 (PART 26) :2020

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: saishish.gaddam@beil.co.in, meghparadt@beil.co.in

CIN NO : U45300GJ1997PLC032696

Terms & Condition are on backside



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Evris Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY



TC-0141

## TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-0141)

ISO 14001 & ISO 45001 Certified Laboratory

Page: 2 of 2

Barcode Id a234d2eabe

Report No/Sample ID TC814121000003640F

Report Date 30-Dec-21

Remarks:

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

For BEIL Infrastructure Ltd.

  
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

## TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

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Barcode Id 72888d2056

Report No/Sample ID 5936192319 Report Date 30-Dec-21


Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-2)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	OPP. OF C6LW-4	Sample Received Date:	02-Dec-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	03-Dec-2021
Fuel:	---	Analysis Completion Date:	04-Dec-2021
Sampling Start Date & Time:	02-Dec-21 16:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-Dec-21 16:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	OZONE	µg/m3	7.45	180	IS 5182 PART 9 :1974 (REA: 2019)
4	CO (AIR)	mg/m3	BDL	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 Exports Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY



## TEST REPORT

MoEF&amp;CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 &amp; ISO 45001 Certified Laboratory

Page: 1 of 2

Barcode Id I487519998

Report No/Sample ID TC814121000003641F Report Date 30-Dec-21

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-3)(NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	BEHIND SHED NO.08	Sample Received Date:	02-Dec-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	03-Dec-2021
Fuel:	---	Analysis Completion Date:	04-Dec-2021
Sampling Start Date & Time:	02-Dec-21 15:45	Sample Type:	Air Sample
Sampling End Date & Time:	03-Dec-21 15:45	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m <sup>3</sup>	84.54	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m <sup>3</sup>	18.43	60	IS 5182 : PART 24 : 2019
3	SULPHUR DIOXIDE	µg/m <sup>3</sup>	20.79	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m <sup>3</sup>	15.49	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m <sup>3</sup>	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m <sup>3</sup>	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
7	ARSENIC AS AS	ng/M <sup>3</sup>	BDL	6.0	SOP BASED ON CPCB GUIDELINE MANUAL NAAQMS/36/2012-13 VOL-1: 2013
8	NICKEL AS NI	ng/M <sup>3</sup>	BDL	20	IS 5182 (PART 26) :2020



# BEIL INFRASTRUCTURE LIMITED

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



## TEST REPORT

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NABL ACCREDITED LAB (TC-8141)

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Page: 2 of 2

Barcode Id f487519998

Report No/Sample ID TC814121000003641F

Report Date 30-Dec-21

Remarks:

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

For BEIL Infrastructure Ltd.

  
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Eco Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

## TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

Page: 1 of 1

Barcode Id 9fca7cb69a Report No/Sample ID 5936192320 Report Date 30-Dec-21


Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-3)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	BEHIND SHED NO.08	Sample Received Date:	02-Dec-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	03-Dec-2021
Fuel:	---	Analysis Completion Date:	04-Dec-2021
Sampling Start Date & Time:	02-Dec-21 15:45	Sample Type:	Air Sample
Sampling End Date & Time:	03-Dec-21 15:45	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/m3	BDL	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	OZONE	µg/m3	6.90	180	IS 5182 PART 9 :1974 (REA: 2019)
4	CO (AIR)	mg/m3	BDL	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 Eco-Infrastructure Ltd.)  
ANALYTICAL RESEARCH LABORATORY

## TEST REPORT

MoEF&amp;CC Recognized Laboratory

NABL ACCREDITED LAB (TC-R141)

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Page: 1 of 2

Barcode Id 92fc9aa1f4

Report No/Sample ID TC814121000003642F Report Date 30-Dec-21

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) NABL		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	NEAR INCINERATION PLANT-2	Sample Received Date:	02-Dec-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	03-Dec-2021
Fuel:	---	Analysis Completion Date:	04-Dec-2021
Sampling Start Date & Time:	02-Dec-21 14:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-Dec-21 14:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m <sup>3</sup>	97.64	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m <sup>3</sup>	23.43	60	IS 5182 : PART 24 : 2019
3	SULPHUR DIOXIDE	µg/m <sup>3</sup>	20.91	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m <sup>3</sup>	12.89	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA (AIR)	µg/m <sup>3</sup>	BDL	400	SOP/AIR/006 (ISSUE NO. 01- ISSUE DATE 25/01/2018)
6	LEAD AS PB	µg/m <sup>3</sup>	BDL	1.0	IS 5182 (PART 22) :2004 ISSUE NO. (01-25/01/2018)
7	ARSENIC AS AS	ng/M <sup>3</sup>	BDL	6.0	SOP BASED ON CPCB GUIDELINE MANUAL NAAQMS/36/2012-13 VOL-1: 2013
8	NICKEL AS NI	ng/M <sup>3</sup>	BDL	20	IS 5182 (PART 26) :2020



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY



TC-8141

## TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

Page: 2 of 2

Barcode Id 92fc9aa1f4

Report No/Sample ID TC814121000003642F Report Date 30-Dec-21

Remarks:

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

For BEIL Infrastructure Ltd.

  
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Eco-Infrastructures Ltd.)

ANALYTICAL RESEARCH LABORATORY

## TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

Page: 1 of 1

Barcode Id 8d449ec818 Report No/Sample ID 5936192321 Report Date 30-Dec-21


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)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	NEAR INCINERATION PLANT-2	Sample Received Date:	02-Dec-2021
Sample Collected By:	By BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	03-Dec-2021
Fuel:	---	Analysis Completion Date:	04-Dec-2021
Sampling Start Date & Time:	02-Dec-21 14:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-Dec-21 14:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	BDL	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M3	BDL	1.0	CPCB METHOD (VOL.I, MAY-2011)
3	OZONE	µg/m3	6.90	180	IS 5182 PART 9 :1974 (REA: 2019)
4	CO (AIR)	mg/m3	BDL	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 Truss 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 ab5fad37b0

Report No/Sample ID TC814122000000101F

Report Date 28-Jan-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-1)(NABL)		
Sample Quantity:	25 ml	Sampling Date:	07-Jan-2022
Sampling Location:	OPP. LABORATORY	Sample Received Date:	07-Jan-2022
Sample Collected By:	by BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	09-Jan-2022
Fuel:	---	Analysis Completion Date:	28-Jan-2022
Sampling Start Date & Time:	06-Jan-22 11:30	Sample Type:	Air Sample
Sampling End Date & Time:	07-Jan-22 11:30	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m <sup>3</sup>	85	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m <sup>3</sup>	28.04	60	IS 5182 : PART 24 : 2019
3	SULPHUR DIOXIDE	µg/m <sup>3</sup>	18.61	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m <sup>3</sup>	8.62	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA	µg/m <sup>3</sup>	<7.0	400	APHA801 AIR SAMPLING& ANALYSIS)
6	ARSENIC AS AS	ng/M <sup>3</sup>	<0.5	6.0	SOP BASED ON CPCB GUIDELINE MANUAL NAAQMS/36/2012-13 VOL-1; 2013
7	LEAD AS PB	µg/m <sup>3</sup>	<0.5	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M <sup>3</sup>	<0.5	20	IS 5182 (PART 26) :2020



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Exports Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT



TC-041

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ISO 14001 & ISO 45001 Certified Laboratory


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Barcode Id ab5fad37b0 Report No/Sample ID TC814122000000101F Report Date 28-Jan-22

Remarks:

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

For BEIL Infrastructure Ltd.

  
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM  
(TECHNICAL MANAGER)





# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

## TEST REPORT

NoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

Page: 1 of 1

Barcode Id 37b4211ea3 Report No/Sample ID 5936192981 Report Date 28-Jan-22


Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-1)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	07-Jan-2022
Sampling Location:	OPP. LABORATORY	Sample Received Date:	07-Jan-2022
Sample Collected By:	by BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	09-Jan-2022
Fuel	--	Analysis Completion Date:	28-Jan-2022
Sampling Start Date & Time:	06-Jan-22 11:30	Sample Type:	Air Sample
Sampling End Date & Time:	07-Jan-22 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	BENZOPYRENE (BAP) (AIR)	ng/M3	<0.01	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	CO (AIR)	mg/m3	<1.0	4.0	NDIR DIGITAL GAS ANALYZER.
4	OZONE	µg/m3	9.71	180	IS 5182 PART 9 :1974 (REA. 2019)

Remarks:

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

For BEIL Infrastructure Ltd.

  
AUTHORIZED SIGNATORY  
MR. SATHISHKUMAR GADDAM  
(TECHNICAL MANAGER)



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bhavnagar Environmental Laboratories Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT



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MeEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 & ISO 45001 Certified Laboratory

Page: 1 of 2

Barcode Id 46e588416 Report No/Sample ID TC814122000000102F Report Date 28-Jan-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-2)(NABL)		
Sample Quantity:	25 ml	Sampling Date:	07-Jan-2022
Sampling Location:	OPP. OF CGLW-4	Sample Received Date:	07-Jan-2022
Sample Collected By:	by BEIL	Sampling Procedure:	IS:112555
Packing Details:	---	Analysis Start Date:	09-Jan-2022
Fuel:	---	Analysis Completion Date:	28-Jan-2022
Sampling Start Date & Time:	06-Jan-22 12:30	Sample Type:	Air Sample
Sampling End Date & Time:	07-Jan-22 12:30	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m <sup>3</sup>	81	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m <sup>3</sup>	26.15	60	IS 5182 : PART 24 : 2019
3	SULPHUR DIOXIDE	µg/m <sup>3</sup>	14.58	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m <sup>3</sup>	12.47	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA	µg/m <sup>3</sup>	<7.0	400	APHA801 AIR SAMPLING & ANALYSIS)
6	ARSENIC AS AS	ng/M <sup>3</sup>	<0.5	6.0	SOP BASED ON CPCB GUIDELINE MANUAL NAAQMS/36/2012-13 VOL-1: 2013
7	LEAD AS PB	µg/m <sup>3</sup>	<0.5	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M <sup>3</sup>	<0.5	20	IS 5182 (PART 26) :2020



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT



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Barcode Id f46e588416

Report No/Sample ID TC814122000000102F

Report Date 28-Jan-22

Remarks:

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

For BEIL Infrastructure Ltd.

  
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Ervin Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

## TEST REPORT

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NABL ACCREDITED LAB (TC-8141)

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Barcode Id c5d9099417

Report No/Sample ID 5936192982 Report Date 28-Jan-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-2)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	07-Jan-2022
Sampling Location:	OPP. OF C6LW-4	Sample Received Date:	07-Jan-2022
Sample Collected By:	by BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	09-Jan-2022
Fuel:	---	Analysis Completion Date:	28-Jan-2022
Sampling Start Date & Time:	06-Jan-22 12:30	Sample Type:	Air Sample
Sampling End Date & Time:	07-Jan-22 12:30	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	<0.01	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M3	<0.01	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	CO (AIR)	mg/m3	<1.0	4.0	NDIR DIGITAL GAS ANALYZER.
4	OZONE	µg/m3	11.4	180	IS 5182 PART 9 :1974 (REA: 2019)

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM  
(TECHNICAL MANAGER)



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Eco Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

## TEST REPORT



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Barcode Id 373c84c2be Report No/Sample ID TC814122000000103F Report Date 28-Jan-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-3)(NABL)		
Sample Quantity:	25 ml	Sampling Date:	07-Jan-2022
Sampling Location:	BEHIND SHED NO.08	Sample Received Date:	07-Jan-2022
Sample Collected By:	by BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	09-Jan-2022
Fuel:	---	Analysis Completion Date:	28-Jan-2022
Sampling Start Date & Time:	06-Jan-22 13:30	Sample Type:	Air Sample
Sampling End Date & Time:	07-Jan-22 13:30	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	22.64	60	IS 5182 : PART 24 : 2019
3	SULPHUR DIOXIDE	µg/m3	21.12	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m3	9.66	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA	µg/m3	<7.0	400	APHA801 AIR SAMPLING& ANALYSIS)
6	ARSENIC AS AS	ng/M3	<0.5	6.0	SOP BASED ON CPCB GUIDELINE MANUAL NAAQMS/36/2012-13 VOL-1: 2013
7	LEAD AS PB	µg/m3	<0.5	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2018)
8	NICKEL AS NI	ng/M3	<0.5	20	IS 5182 (PART 26) :2020



# BEIL INFRASTRUCTURE LIMITED

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



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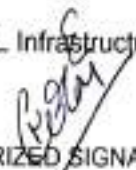
Page: 2 of 2

Barcode Id 373c84c2be Report No/Sample ID TC814122000000103F Report Date 28-Jan-22

Remarks:

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

For BEIL Infrastructure Ltd.

  
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

## TEST REPORT

MoEF&CC Recognized Laboratory

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ISO 14001 & ISO 45001 Certified Laboratory

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Barcode Id 9366405518

Report No/Sample ID 5936192983 Report Date 28-Jan-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR (STATION-3)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	07-Jan-2022
Sampling Location:	BEHIND SHED NO.08	Sample Received Date:	07-Jan-2022
Sample Collected By:	by BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	09-Jan-2022
Fuel	---	Analysis Completion Date:	28-Jan-2022
Sampling Start Date & Time:	06-Jan-22 13:30	Sample Type:	Air Sample
Sampling End Date & Time:	07-Jan-22 13:30	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C6H6 (AIR)	µg/m3	<0.01	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M3	<0.01	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	CO (AIR)	mg/m3	<1.0	4.0	NDIR DIGITAL GAS ANALYZER
4	OZONE	µg/m3	8.96	180	IS 5182 PART 9 :1974 (REA: 2019)

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Eco Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY



## TEST REPORT

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Page: 1 of 2

Barcode Id 0b482341da Report No/Sample ID TC814122000000315F Report Date 28-Jan-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	07-Jan-2022
Sampling Location	NEAR INCINERATION PLANT-2	Sample Received Date	07-Jan-2022
Sample Collected By	By BEIL	Sampling Procedure	IS:11255
Packing Details	--	Analysis Start Date	09-Jan-2022
Fuel	--	Analysis Completion Date	28-Jan-2022
Sampling Start Date & Time	--	Sample Type	Air Sample
Sampling End Date & Time	--	Sampling Duration	--

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM(PM10)	µg/m <sup>3</sup>	77	100	IS 5182 PART 23: 2006
2	PM 2.5	µg/m <sup>3</sup>	25.13	60	IS 5182 - PART 24 : 2019
3	SULPHUR DIOXIDE	µg/m <sup>3</sup>	19.77	80	IS:5182(P-2), 2001
4	NITROGEN DIOXIDE	µg/m <sup>3</sup>	13.94	80	IS : 5182 (PART- 6)- 2006
5	AMMONIA	µg/m <sup>3</sup>	<7.0	400	APIA801 AIR SAMPLING & ANALYSIS)
6	ARSENIC AS AS	ng/M <sup>3</sup>	<0.5	6.0	SOP BASED ON CPCB GUIDELINE MANUAL NAAQMS/36/2012-13 VOL-1: 2013
7	LEAD AS PB	µg/m <sup>3</sup>	<0.5	1.0	IS 5182 (PART 22) :2004 ISSUE NO.(01-25/01/2019)
8	NICKEL AS NI	ng/M <sup>3</sup>	<0.5	20	IS 5182 (PART 26) :2020





# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Shreech Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY



TC-141

## TEST REPORT

MoEF&CC Recognized Laboratory

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Page: 2 of 2

Barcode Id 0b482341da Report No/Sample ID TC814122000000315F Report Date 28-Jan-22

Remarks

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

For BEIL Infrastructure Ltd.

  
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

## TEST REPORT

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NABL ACCREDITED LAB (TC-8141)

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Page: 1 of 1

Barcode Id 8d6130b8db Report No/Sample ID 5936192984 Report Date 28-Jan-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)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	
Sampling Location:	NEAR INCINERATION PLANT-2	Sample Received Date:	07-Jan-2022
Sample Collected By:	by BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	09-Jan-2022
Fuel:	---	Analysis Completion Date:	28-Jan-2022
Sampling Start Date & Time:	06-Jan-22 13:00	Sample Type:	Air Sample
Sampling End Date & Time:	07-Jan-22 13:00	Sampling Duration:	24:00 Hrs.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	BENZENE C <sub>6</sub> H <sub>6</sub> (AIR)	µg/m <sup>3</sup>	<0.01	5.0	IS:5182 (PART XI) 2006
2	BENZOPYRENE (BAP) (AIR)	ng/M <sup>3</sup>	<0.01	1.0	CPCB METHOD (VOL.I,MAY-2011)
3	CO (AIR)	mg/m <sup>3</sup>	<1.0	4.0	NDIR DIGITAL GAS ANALYZER
4	OZONE	µg/m <sup>3</sup>	10.2	180	IS 5182 PART 9 :1974 (REA: 2019)

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM  
(TECHNICAL MANAGER)

**TEST REPORT**

MoEF&amp;CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

ISO 14001 &amp; ISO 45001 Certified Laboratory

Page: 1 of 1

Barcode Id 3128b1eaba Report No/Sample ID 5936193498 Report Date 28-Feb-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR(STATION-3)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	02-Feb-2022
Sampling Location:	P.P PLANT NEAR SECURITY TOWER	Sample Received Date:	02-Feb-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	03-Feb-2022
Fuel:	--	Analysis Completion Date:	28-Feb-2022
Sampling Start Date & Time:	02-FEB-22 13:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-FEB-22 13:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	Benzene C6H6 (Air)	µg/m3	< 0.01	5.0	IS:5182 (PART XI) 2006
2	Benzo(a)pyrene(BaP) (Air)	ng/M3	< 0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013
3	Ozone	µg/m3	13.4	180	IS 5182 Part 9 :1974 (Rea: 2019)
4	CO (AIR)	mg/m3	< 1.0	4.0	NDIR Digital Gas Analyzer

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 Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

## TEST REPORT

MoEF&CC Recognized Laboratory

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Barcode Id 43c63b7ca3 Report No/Sample ID 5936193497 Report Date 28-Feb-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR(STATION-2)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	02-Feb-2022
Sampling Location:	OPP.OF C6LW4	Sample Received Date:	02-Feb-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	03-Feb-2022
Fuel:	--	Analysis Completion Date:	28-Feb-2022
Sampling Start Date & Time:	02-FEB-22 13:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-FEB-22 13:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	Benzene C <sub>6</sub> H <sub>6</sub> (Air)	µg/m <sup>3</sup>	< 0.01	5.0	IS:5182 (PART XI) 2006
2	Benzo(a)pyrene(BaP) (Air)	ng/M <sup>3</sup>	< 0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013
3	Ozone	µg/m <sup>3</sup>	10.60	160	IS 5182 Part 9 :1974 (Rea: 2019)
4	CO (AIR)	mg/m <sup>3</sup>	< 1.0	4.0	NDIR Digital Gas Analyzer

Remarks:

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

For BEIL Infrastructure Ltd.

  
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM  
(TECHNICAL MANAGER)



Barcode Id 08560001c3 Report No/Sample ID 5936193496 Report Date 28-Feb-22


Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR(STATION-1)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	02-Feb-2022
Sampling Location:	ON THE ROOF OF LABORATORY	Sample Received Date:	02-Feb-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	03-Feb-2022
Fuel:	--	Analysis Completion Date:	28-Feb-2022
Sampling Start Date & Time:	02-FEB-22 12:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-FEB-22 12:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	Benzene C6H6 (Air)	µg/m3	< 0.01	5.0	IS:5182 (PART XI) 2006
2	Benzo(a)pyrene(BaP) (Air)	ng/M3	< 0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013
3	Ozone	µg/m3	12.6	180	IS 5182 Part 9 :1974 (Rea: 2019)
4	CO (AIR)	mg/m3	< 1.0	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 Evis Infrastructure Ltd.)

## ANALYTICAL RESEARCH LABORATORY

### TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

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Barcode Id 548bbf86cd Report No/Sample ID 5938193494 Report Date 28-Feb-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	STACK PLANT-1(FINAL STACK)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	06-Feb-2022
Sampling Location:	INCINERATOR P-1	Sample Received Date:	06-Feb-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	07-Feb-2022
Fuel:	--	Analysis Completion Date:	28-Feb-2022
Sampling Start Date & Time:	06-FEB-22 10:30	Sample Type:	Stack Emission Sample
Sampling End Date & Time:	06-FEB-22 11:00	Sampling Duration:	00:30 hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	Ammonia (Stack)	mg/Nm <sup>3</sup>	< 0.5	175	IS 11255 (Part 6)-1999
2	HCl	mg/Nm <sup>3</sup>	10.72	50	USEPA -0050: 1996

Remarks:

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

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM  
(TECHNICAL MANAGER)



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

## TEST REPORT

MoEF&CC Recognized Laboratory

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Barcode Id 66755b37f0 Report No/Sample ID 5936193495 Report Date 28-Feb-22

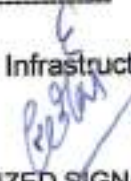
Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	STACK PLANT-2(FINAL STACK)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	06-Feb-2022
Sampling Location:	INCINERATOR P-2	Sample Received Date:	06-Feb-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	07-Feb-2022
Fuel:	--	Analysis Completion Date:	28-Feb-2022
Sampling Start Date & Time:	06-FEB-22 11:15	Sample Type:	Stack Emission Sample
Sampling End Date & Time:	06-FEB-22 11:45	Sampling Duration:	00:30 hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	Ammonia (Stack)	mg/Nm <sup>3</sup>	< 0.5	175	IS 11255 (Part 6)-1999
2	HCl	mg/Nm <sup>3</sup>	3.57	50	USEPA -0050: 1996

Remarks:

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

For BEIL Infrastructure Ltd.

  
AUTHORIZED SIGNATORY  
MR. SATHISHKUMAR GADDAM  
(TECHNICAL MANAGER)



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

## ANALYTICAL RESEARCH LABORATORY

### TEST REPORT

MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

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Barcode Id d519693372 Report No/Sample ID 5936193499 Report Date 28-Feb-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)(NON NABL)		
Sample Quantity:	25 ml	Sampling Date:	02-Feb-2022
Sampling Location:	ON THE ROOF OF INCINERATION PLANT-	Sample Received Date:	02-Feb-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	03-Feb-2022
Fuel:	--	Analysis Completion Date:	28-Feb-2022
Sampling Start Date & Time:	02-FEB-22 12:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-FEB-22 12:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	Benzene C6H6 (Air)	µg/m3	< 0.01	5.0	IS:5182 (PART XI) 2008
2	Benzo(a)pyrene(BaP) (Air)	ng/M3	< 0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013
3	Ozone	µg/m3	9.88	180	IS 5182 Part 9 :1974 (Rea: 2019)
4	CO (AIR)	mg/m3	< 1.0	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 L.M.)  
ANALYTICAL RESEARCH LABORATORY



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MoEF&CC Recognized Laboratory

NABL ACCREDITED LAB (TC-8141)

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Barcode Id df725fdd9e

Report No/Sample ID TC81412200000467F Report Date 28-Feb-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR(STATION-1)		
Sample Quantity:	25 ml	Sampling Date:	02-Feb-2022
Sampling Location:	ON THE ROOF OF LABORATORY	Sample Received Date:	02-Feb-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	03-Feb-2022
Fuel:	--	Analysis Completion Date:	28-Feb-2022
Sampling Start Date & Time:	02-FEB-22 12:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-FEB-22 12:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m3	78.0	100	IS 5182 Part 23: 2006
2	PM 2.5	µg/m3	28.30	60	IS 5182 : Part 24 : 2019
3	Sulphur Dioxide	µg/m3	39.01	80	IS:5182(Part-2), 2001
4	Nitrogen Dioxide	µg/m3	13.17	80	IS : 5182 (Part- 6)- 2006
5	Ammonia (Air)	µg/m3	< 7.0	400	IS 5182 Part-25: 2018
6	Lead (as Pb)	µg/m3	< 0.5	6.0	APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.,2017
7	Arsenic (as As)	ng/M3	< 0.5	1.0	CPCB Guidline manual
8	Nickel (as Ni)	ng/M3	< 0.5	20	NAAQMS/36/2012-13 VOL-1: 2013 IS 5182 (Part 26) :2020



# BEIL INFRASTRUCTURE LIMITED

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TC-8141

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Barcode Id df725fdd9e

Report No/Sample ID TC814122000000467F

Report Date 28-Feb-22

Remarks:

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

For BEIL Infrastructure Ltd.

*Sathish*  
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



**BEIL INFRASTRUCTURE LIMITED**  
(Formerly known as Bharuch Enviro Infrastructure Ltd.)  
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Barcode Id d6324e136d Report No/Sample ID TC814122000000470F Report Date 28-Feb-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)(NABL)		
Sample Quantity:	25 ml	Sampling Date:	02-Feb-2022
Sampling Location:	ON THE ROOF OF INCINERATION PLANT-	Sample Received Date:	02-Feb-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	03-Feb-2022
Fuel:	--	Analysis Completion Date:	28-Feb-2022
Sampling Start Date & Time:	02-FEB-22 12:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-FEB-22 12:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m <sup>3</sup>	75.0	100	IS 5182 Part 23: 2006
2	PM 2.5	µg/m <sup>3</sup>	24.44	60	IS 5182 : Part 24 : 2019
3	Sulphur Dioxide	µg/m <sup>3</sup>	23.08	80	IS:5182(Part-2), 2001
4	Nitrogen Dioxide	µg/m <sup>3</sup>	9.71	80	IS : 5182 (Part- 6)- 2006
5	Ammonia (Air)	µg/m <sup>3</sup>	< 7.0	400	IS 5182 Part-25: 2018
6	Lead (as Pb)	µg/m <sup>3</sup>	< 0.5	6.0	APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017
7	Arsenic (as As)	ng/M <sup>3</sup>	< 0.5	1.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
8	Nickel (as Ni)	ng/M <sup>3</sup>	< 0.5	20	IS 5182 (Part 26) :2020



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

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Barcode Id d6324e136d Report No/Sample ID TC814122000000470F Report Date 28-Feb-22

Remarks:

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

For BEIL Infrastructure Ltd.

*Sathish*  
AUTHORIZED SIGNATORY

MR. SATHISHKUMAR GADDAM

(TECHNICAL MANAGER)



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)  
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Barcode Id f973ca59bd

Report No/Sample ID TC814122000000468F

Report Date 28-Feb-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist ; Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR(STATION-2)(NABL)		
Sample Quantity:	25 ml	Sampling Date:	02-Feb-2022
Sampling Location:	OPP.OF C6LW4	Sample Received Date:	02-Feb-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	03-Feb-2022
Fuel:	--	Analysis Completion Date:	28-Feb-2022
Sampling Start Date & Time:	02-FEB-22 13:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-FEB-22 13:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m <sup>3</sup>	79.0	100	IS 5182 Part 23: 2006
2	PM 2.5	µg/m <sup>3</sup>	26.74	60	IS 5182 : Part 24 : 2019
3	Sulphur Dioxide	µg/m <sup>3</sup>	23.93	80	IS:5182(Part-2), 2001
4	Nitrogen Dioxide	µg/m <sup>3</sup>	12.14	80	IS : 5182 (Part- 6)- 2006
5	Ammonia (Air)	µg/m <sup>3</sup>	< 7.0	400	IS 5182 Part-25: 2018
6	Lead (as Pb)	µg/m <sup>3</sup>	< 0.5	6.0	APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017
7	Arsenic (as As)	ng/M <sup>3</sup>	< 0.5	1.0	CPCB Guidline manual
8	Nickel (as Ni)	ng/M <sup>3</sup>	< 0.5	20	NAAQMS/36/2012-13 VOL-1: 2013 IS 5182 (Part 26) :2020



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

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ISO 14001 & ISO 45001 Certified Laboratory

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Barcode Id f973ca59bd Report No/Sample ID TC814122000000468F Report Date 28-Feb-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR(STATION-2)(NABL)		
Sample Quantity:	25 ml	Sampling Date:	02-Feb-2022
Sampling Location:	OPP.OF C6LW4	Sample Received Date:	02-Feb-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	03-Feb-2022
Fuel:	--	Analysis Completion Date:	28-Feb-2022
Sampling Start Date & Time:	02-FEB-22 13:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-FEB-22 13:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m <sup>3</sup>	79.0	100	IS 5182 Part 23: 2006
2	PM 2.5	µg/m <sup>3</sup>	26.74	60	IS 5182 : Part 24 : 2019
3	Sulphur Dioxide	µg/m <sup>3</sup>	23.93	80	IS:5182(Part-2), 2001
4	Nitrogen Dioxide	µg/m <sup>3</sup>	12.14	80	IS : 5182 (Part- 6)- 2006
5	Ammonia (Air)	µg/m <sup>3</sup>	< 7.0	400	IS 5182 Part-25: 2018
6	Lead (as Pb)	µg/m <sup>3</sup>	< 0.5	6.0	APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017
7	Arsenic (as As)	ng/M <sup>3</sup>	< 0.5	1.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
8	Nickel (as Ni)	ng/M <sup>3</sup>	< 0.5	20	IS 5182 (Part 26) :2020



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

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ISO 14001 & ISO 45001 Certified Laboratory


Page: 2 of 2

Barcode Id f973ca59bd Report No/Sample ID TC814122000000468F Report Date 28-Feb-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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ISO 14001 & ISO 45001 Certified Laboratory

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Barcode Id 5f0c1a79e2

Report No/Sample ID TC814122000000469F

Report Date 28-Feb-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist ; Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR(STATION-3)(NABL)		
Sample Quantity:	25 ml	Sampling Date:	02-Feb-2022
Sampling Location:	P.P PLANT NEAR SECURITY TOWER	Sample Received Date:	02-Feb-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:11255
Packing Details:	--	Analysis Start Date:	03-Feb-2022
Fuel:	--	Analysis Completion Date:	28-Feb-2022
Sampling Start Date & Time:	02-FEB-22 13:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-FEB-22 13:30	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m <sup>3</sup>	71.0	100	IS 5182 Part 23: 2006
2	PM 2.5	µg/m <sup>3</sup>	22.15	60	IS 5182 : Part 24 : 2019
3	Sulphur Dioxide	µg/m <sup>3</sup>	21.49	80	IS:5182(Part-2), 2001
4	Nitrogen Dioxide	µg/m <sup>3</sup>	15.77	80	IS : 5182 (Part- 6)- 2006
5	Ammonia (Air)	µg/m <sup>3</sup>	< 7.0	400	IS 5182 Part-25: 2018
6	Lead (as Pb)	µg/m <sup>3</sup>	< 0.5	6.0	APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017
7	Arsenic (as As)	ng/M <sup>3</sup>	< 0.5	1.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
8	Nickel (as Ni)	ng/M <sup>3</sup>	< 0.5	20	IS 5182 (Part 26) :2020





# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Civil Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT



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ISO 14001 & ISO 45001 Certified Laboratory

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Barcode Id 5f0c1a79e2

Report No/Sample ID TC814122000000469F

Report Date 28-Feb-22

Remarks:

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

For BEIL Infrastructure Ltd.

*Sathish*  
AUTHORIZED SIGNATORY  
MR. SATHISHKUMAR GADDAM  
(TECHNICAL MANAGER)



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

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Barcode Id 5c7ffdc427

Report No/Sample ID TC814122000001031F

Report Date 23-Mar-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16,GIDC Estate Ankleshwar,Dist : Bharuch,Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR(STATION-3)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	P.P PLANT NEAR SECURITY TOWER	Sample Received Date:	23-Mar-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	03-Mar-2022
Fuel:	--	Analysis Completion Date:	23-Mar-2022
Sampling Start Date & Time:	02-Mar-2022 13:00	Sample Type:	Air Sample
Sampling End Date & Time:	03-Mar-2022 13:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m <sup>3</sup>	68	100	IS 5182 Part 23: 2006
2	PM 2.5	µg/m <sup>3</sup>	25.56	60	IS 5182 : Part 24 : 2019
3	Sulphur Dioxide	µg/m <sup>3</sup>	17.34	80	IS:5182(Part-2), 2001
4	Nitrogen Dioxide	µg/m <sup>3</sup>	22.55	80	IS : 5182 (Part- 6)- 2006
5	Ammonia (Air)	µg/m <sup>3</sup>	< 7.0	400	IS 5182 Part-25: 2018
6	Lead (as Pb)	µg/m <sup>3</sup>	< 0.5	6.0	APHA 3111-PB-B, 3-20 TO 3-21,23RD ED.:2017
7	Arsenic (as As)	ng/M <sup>3</sup>	< 0.5	1.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
8	Nickel (as Ni)	ng/M <sup>3</sup>	< 0.5	20	IS 5182 (Part 26) :2020
9	Benzene C6H6 (Air)	µg/m <sup>3</sup>	< 0.01	5.0	IS:5182 (PART XI) 2006
10	Benzo(a)pyrene(BaP) (Air)	ng/M <sup>3</sup>	< 0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013
11	Ozone	µg/m <sup>3</sup>	10.86	180	IS 5182 Part 9 :1974 (Ree: 2019)
12	CO (AIR)	mg/m <sup>3</sup>	< 1.0	4.0	NDIR Digital Gas Analyzer



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

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Barcode Id 5c7ffc427

Report No/Sample ID TC814122000001031F

Report Date 23-Mar-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 33b1ffce3f

Report No/Sample ID TC81412200001032F

Report Date 23-Mar-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	AMBIENT AIR(STATION-4)		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	ON THE ROOF OF INCINERATION PLANT-	Sample Received Date:	23-Mar-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	03-Mar-2022
Fuel:	--	Analysis Completion Date:	23-Mar-2022
Sampling Start Date & Time:	02-Mar-2022 12:30	Sample Type:	Air Sample
Sampling End Date & Time:	03-Mar-2022 13:00	Sampling Duration:	24:00 Hrs

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	RSPM (PM10)	µg/m <sup>3</sup>	70	100	IS 5182 Part 23: 2006
2	PM 2.5	µg/m <sup>3</sup>	30.16	60	IS 5182 : Part 24 : 2019
3	Sulphur Dioxide	µg/m <sup>3</sup>	3.51	80	IS:5182(Part-2), 2001
4	Nitrogen Dioxide	µg/m <sup>3</sup>	19.79	80	IS : 5182 (Part- 6)- 2006
5	Ammonia (Air)	µg/m <sup>3</sup>	< 7.0	400	IS 5182 Part-25: 2018
6	Lead (as Pb)	µg/m <sup>3</sup>	< 0.5	6.0	APHA 3111-PB-B, 3-20 TO 3-21, 23RD ED., 2017
7	Arsenic (as As)	ng/M <sup>3</sup>	< 0.5	1.0	CPCB Guidline manual NAAQMS/36/2012-13 VOL-1: 2013
8	Nickel (as Ni)	ng/M <sup>3</sup>	< 0.5	20	IS 5182 (Part 26) :2020
9	Benzene C <sub>6</sub> H <sub>6</sub> (Air)	µg/m <sup>3</sup>	< 0.01	5.0	IS-5182 (PART XI) 2006
10	Benzo(a)pyrene(BaP) (Air)	ng/M <sup>3</sup>	< 0.01	1.0	CPCB Method NAAQMS-2012-13 VOL-1: 2013
11	Ozone	µg/m <sup>3</sup>	13.8	180	IS 5182 Part 9 :1974 (Res: 2019)
12	CO (AIR)	mg/m <sup>3</sup>	< 1.0	4.0	NDIR Digital Gas Analyzer



# BEIL INFRASTRUCTURE LIMITED

(Formerly known as Bharuch Enviro Infrastructure Ltd.)

ANALYTICAL RESEARCH LABORATORY

TEST REPORT



MoEF&CC Recognized Laboratory

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Barcode Id 33b1f3ce3f

Report No/Sample ID TC814122000001032F

Report Date 23-Mar-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 4b31e60142 Report No/Sample ID TC814122000001087F Report Date 24-Mar-22

Name Of Customer:	BEIL INFRASTRUCTURE LIMITED		
Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	FINAL STACK		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	INCINERATOR-1	Sample Received Date:	17-Mar-2022
Sample Collected By:	BY BEIL	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	17-Mar-2022
Fuel:	--	Analysis Completion Date:	24-Mar-2022
Sampling Start Date & Time:	17-Mar-22 (16:35)	Sample Type:	Stack Emission Sample
Sampling End Date & Time:	17-Mar-22 (17:05)	Sampling Duration:	00:30 Hr.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
1	Stack Temp	dC	65	---	IS:11255(Part-3), 2008
2	Stack Velocity	m/sec	5.55	---	IS 11255 (Part 3): 2008
3	Particulate Matter (PM)	mg/Nm <sup>3</sup>	33.16	50	IS:11255(Part-1),1985(Reaf.1999)
4	SO <sub>2</sub>	mg/Nm <sup>3</sup>	17.0	200	IS 11255(Part 2),1985(Reaf. 2019)
5	NO <sub>x</sub>	mg/Nm <sup>3</sup>	17.55	400	IS:11255(Part-7),2005
6	Ammonia (Stack)	mg/Nm <sup>3</sup>	< 0.5	175	IS 11255 (Part 6)-1999
7	HCl	mg/Nm <sup>3</sup>	12.12	50	USEPA -0050: 1996
8	H <sub>2</sub> S	mg/Nm <sup>3</sup>	< 0.5	50	IS: 5182 PART VII

Remarks:

END OF REPORT

For BEIL Infrastructure Ltd.

AUTHORIZED SIGNATORY

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CIN NO : U45300GJ1997PLC032696

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# 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

Page: 1 of 1

Barcode Id 740220adbb Report No/Sample ID TC814122000000892F Report Date 15-Mar-22

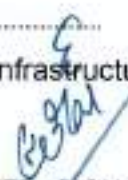
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Address Of Customer:	Plot No 9701-16, GIDC Estate Ankleshwar, Dist : Bharuch, Gujarat Ankleshwar - 393002		
Sample Description:	FINAL STACK		
Sample Quantity:	25 mL	Sampling Date:	
Sampling Location:	INCINERATOR-2	Sample Received Date:	06-Mar-2022
Sample Collected By:	Ajay Patel	Sampling Procedure:	IS:11255
Packing Details:	---	Analysis Start Date:	06-Mar-2022
Fuel:	--	Analysis Completion Date:	15-Mar-2022
Sampling Start Date & Time:	06-Mar-22 (15:30)	Sample Type:	Stack Emission Sample
Sampling End Date & Time:	06-Mar-22 (16:00)	Sampling Duration:	00:30 Hr.

Sr. No	Parameters	Unit	Result	Permissible Limit	Method Ref.
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2	Stack Velocity	m/sec	5.35	---	IS 11255 (Part 3): 2008
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4	SO <sub>2</sub>	mg/Nm <sup>3</sup>	8.74	200	IS 11255(Part 2),1985(Reaf. 2019)
5	NO <sub>x</sub>	mg/Nm <sup>3</sup>	13.72	400	IS:11255(Part-7),2005
6	Ammonia (Stack)	mg/Nm <sup>3</sup>	< 0.5	175	IS 11255 (Part 6)-1999
7	HCl	mg/Nm <sup>3</sup>	6.78	50	USEPA -0050: 1996
8	H <sub>2</sub> S	mg/Nm <sup>3</sup>	< 5.0	50	IS : 5182 PART VII

Remarks:

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

For BEIL Infrastructure Ltd.

  
AUTHORIZED SIGNATORY  
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CIN NO : U45300GJ1997PLC032696

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January 2022

Final Report

## Geo-hydrological study for the TSDF facility of BEIL at Ankleshwar



**Sponsor**

**M/s. BEIL Infrastructure Limited, Ankleshwar, Gujarat**



**National Environmental Engineering Research  
Institute (CSIR-NEERI)**

**Nehru Marg, Nagpur - 440020**

*(Under Council of Scientific and Industrial Research, New Delhi, India)*



January 2022

Final Report

## Geo-hydrological study for the TSDF facility of BEIL at Ankleshwar



**Sponsor**

M/s. BEIL Infrastructure Limited, Ankleshwar, Gujarat



नीरी  
NEERI

National Environmental Engineering Research  
Institute (CSIR-NEERI)

Nehru Marg, Nagpur - 440020

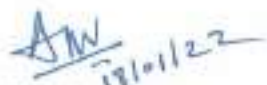
*(Under Council of Scientific and Industrial Research, New Delhi, India)*

## FOREWORD

M/s BEIL Infrastructure Limited (BEIL) has been operating a centralized secured landfill site since 1997 on Build, Operate and Own (BOO) basis at Gujarat Industrial Development Corporation (GIDC), Ankleshwar, Gujarat. The site was established specifically for the safe and secure disposal of hazardous waste from its member industrial units in Gujarat. CSIR-National Environmental Engineering Research Institute (CSIR-NEERI) was assigned to carry out the Geo-hydrological study for the TSDF facility of BEIL at Ankleshwar, Gujarat. The study was conducted within 10km radius of the TSDF facility of BEIL at Ankleshwar.

The study aimed at understanding the impact of TSDF site operations on groundwater and surface water quality. The study included monitoring surface water and groundwater quality and groundwater level fluctuations in the study area. Groundwater Flow Modelling and Pathlines simulations were done for the next 50 years. In addition, study also included assessment of the sea water intrusion in the area. This report presents the results of this study.

CSIR-NEERI acknowledges support from the BEIL management and the staff of the BEIL Ankleshwar site.

  
18/10/22  
(A.N. Vaidya)



---

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## ACKNOWLEDGEMENT

The study entitled "Geo-hydrological Study for the TSDF facility of BEIL at Ankleshwar" was Sponsored by M/s. BEIL Infrastructure Limited, Ankleshwar, Gujarat, was carried out by CSIR-National Environmental Engineering Research Institute (CSIR-NEERI), Nagpur, during the period August 2020 to November 2021.

In this connection, the team of CSIR-NEERI visited the project site of TSDF at Ankleshwar, Gujarat. During the fieldwork, excellent co-operation was extended by the Management and staff of M/s. BEIL Infrastructure Limited, Ankleshwar, Gujarat. The support and encouragement of the Director CSIR-NEERI is acknowledged.

  
(Dr. Paras Ranjan Pujari)

Place: Nagpur

Date: 17.01.2022



## EXECUTIVE SUMMARY

The BEIL Infrastructure Limited (BEIL) has a Treatment Storage and Disposal Facility (TSDF) at the Gujarat Industrial Development Corporation (GIDC) cluster in Ankleshwar. The facility has been operational since 1997. The BEIL desired CSIR-NEERI to carry out a hydrogeological study for the TSDF site. The broad objective was to study any impact of TSDF site operation on groundwater quality and develop an implementable action plan to mitigate the short- and long-term impacts.

A detailed surface water and groundwater characterisation for the pre-monsoon (May 2021) and post-monsoon (October 2021) seasons were carried out within a 10 km radius from the TSDF site. The simulation of particle pathlines movement for 10 years, 20 years and 50 years was attempted by the: VisualModflow Flex (7.0) Model.

The groundwater chemistry in the study area indicates the impact of salinity with TDS ranging from 240 mg/L (ANG-7) to 4220 mg/L (ANG-11) in post-monsoon 2020 and 423 mg/L (ANG-7) to 3792 mg/L (ANG-14) in pre-monsoon 2021. The salinity in the groundwater is due to the seawater intrusion in the study area. This was confirmed from the Geochemical indicators like Bromide ( $\text{Br}^-$ ) above 1mg/L concentration in the groundwater samples. Other indicators like a higher  $\text{Cl}/\text{HCO}_3$  ratio  $> 1$  (an indicator of seawater intrusion) was also observed in groundwater samples collected from the BEIL premises. No Bromide ( $\text{Br}^-$ ) was detected in the Leachate samples of the TSDF site (indicating high TDS is due to seawater intrusion). Furthermore, the Piper diagram of both seasons shows the dominance of sodium-potassium and chloride ions in more than 70% of groundwater samples, and the water is sodium-chloride type (seawater intruded).

The Leachate samples collected from the BEIL do not have a significant concentration of Heavy metals of concern, like As, Hg. However, the leachate has very high TDS. It is being treated in the MEE, and the sludge is being landfilled.

The Modpath simulation indicated directions of movement of the particle pathlines and indicated that the particles could travel approximately 340m for a simulation of 50 years. Based on the results, it is recommended that BEIL should regularly



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monitor the groundwater observation wells in the indicated zones to track any future contamination. The monitoring of groundwater quality should include COD and Bromide ( $\text{Br}^-$ ) in addition to the major cations/anions and trace elements.

The overall results indicate that TSDF site operation does not have any impact on the groundwater quality.



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# Chapter 1: Introduction

## 1.1 Preamble

The BEIL Infrastructure Limited (BEIL) has a Treatment Storage and Disposal Facility (TSDF) at the Gujarat Industrial Development Corporation (GIDC) cluster in Ankleshwar. The facility is operational since 1997. Initially, the TSDF facility was started in 1997, with an area of 18 acres of Land. Subsequently, 50 acres of land was obtained from GIDC. The TSDF site is located at 21° 37' 5.92" N & 73° 2' 54.55" E.

- The BEIL desired CSIR-NEERI to carry out a hydrogeological study for the TSDF site with the following objectives.
- The potential of leaching of toxic metals and trace elements from the TSDF facility.
- The fate and transport of trace elements leaching from the TSDF and impacts on surface and ground water bodies, if any.
- Assessment of any relationship between the TSDF operations and the ground- water quality in its vicinity.
- Develop an implementable action plan to mitigate the short term and long-term impacts (if any).

## 1.2 Approach of the study

In order to meet the overall objectives of the assignment, the approach of the work has been encompassed into specific tasks as presented below. The study is based on primary data being collected by the CSIR-NEERI team. Relevant secondary data (collected by Central Groundwater Board, Gujarat State Water Resources Department) have also been used for analysis purposes when required. The 10 km buffer zone surrounding the facility constitutes the study area. The study covers pre-monsoon as well as post-monsoon seasons. These data will represent one complete hydrological cycle.

- High-resolution satellite imagery (Sentinel 2) to be used for land use land cover analysis.
- Study of detailed Geological features of plant area.
- Mapping the drainage pattern in the 10 km buffer of the TSDF site.
- A network of observations will be set up for water level measurement and groundwater sampling in post-monsoon (October 2020) and pre-monsoon (May 2021).
- The groundwater samples are to be analysed for major cations ( $\text{Ca}^{++}$ ,  $\text{Na}^+$ ,  $\text{Mg}^{++}$ ,  $\text{K}^+$ ), anions ( $\text{Cl}^-$ ,  $\text{SO}_4^-$ ,  $\text{NO}_3^-$ ,  $\text{HCO}_3^-$ ,  $\text{CO}_3^-$ ,  $\text{Br}^-$ ) and trace elements (As, Pb, Cr, Hg, Co, Fe, Mn, Se).
- Groundwater level measurement in the post-monsoon and pre-monsoon seasons and deciphering the groundwater flow direction.
- Groundwater flow modelling for simulating the particle pathlines from the TSDF site.

### 1.3 The layout of the report

- Chapter II:** Provides an overview of the TSDF site.
- Chapter III:** This chapter briefly describes the study area details pertaining to regional Geology, Physiography, Topography, Hydrometeorology and climate.
- Chapter IV:** Briefly outlines the methodology for data collection (Groundwater level measurement, sampling and analysis, Remote sensing Analysis).
- Chapter V:** The results are discussed.
- Chapter VI:** The major findings and recommendations are outlined

## Chapter 2: Brief description of BEIL TSDF Facility at Ankleshwar

### 2.1 Background

M/s BEIL Infrastructure Limited (BEIL) is operating a centralized secured landfill site since, 1997 on Build, operate and Own (BOO) basis at GIDC, Ankleshwar. The site was established specifically for the safe and secure disposal of hazardous waste provided by its member industrial units (Table 2.1) in Gujarat state.

Table 2.1: Number and types of industries providing industrial waste to BEIL

Category and Landfill Members (Upto March 2020)	Number of Industries
Drugs & Pharma	94 Nos
Dyes & Intermediate	144 Nos
Inorganic	120 Nos
Organic	146 Nos
Pesticides	44 Nos
Others	119 Nos
Total	667 Nos

The landfill is spread over an area of 141274 m<sup>2</sup> in Ankleshwar (Lat: 21° 36' 57.80"N; Long: 73° 2' 54.92"E). The TSDF facility is utilised by 667 nos. of member industries, while the common incineration system is used by 681 members. This is the first hazardous waste management facility in India to be certified under ISO 14001- 2004 and OHSAS 18001 - 2007, amongst a few elite facilities in the world to have been awarded this certification. BEIL laboratory is approved by MoEF & CC and is NABL accredited. The water requirement of the TSDF is entirely met by GIDC water supply. There is no groundwater withdrawal by the BEIL for the site requirements.

## 2.2 Description of the TSDF facility

### 2.2.1 Waste characteristics and storage

The landfill facility is developed in 3 phases. The Capacity of Phase I, II & III are:

- Phase I - 6 Lakh MT
- Phase II - 17 Lakh MT
- Phase III - 14.58 Lakh MT

The total quantity disposed in Landfill till 31st July is 35.734 Lakh MT of waste. The total waste incinerated upto 31st July 2021 is 280292 MT.

### 2.2.2 Landfill design

A current layout of the landfill facility is presented (Figure 2.1). The landfill facility is designed following CPCB's guidelines (CPCB, 2001). According to this guideline, a double liner system with the synthetic membrane and clay liner is provided. The baseliner side liner design is depicted in Figure 2.2.

The site has monitoring wells (12 nos). Six (6 nos) of leachate collection wells are constructed around Phase-I, while seven (7nos) of leachate collection wells around Phase-II and three (3 nos) leachate collection wells are constructed around Phase-III of the facility. The Leachate generated from the facility is collected in these wells and is taken to multiple evaporation (MEE) systems for treatment. Whenever MEE is not operational, it is sent to the common effluent treatment plant in Ankleshwar. The leachate analysis reports generated by BEIL pointed out that the major parameters of concern are TDS, Chlorides, Sulphate, Ammoniacal Nitrogen, COD, BOD and Phenol. Heavy metals are present only in traces, maybe due to the type of industries disposing waste at BEIL.

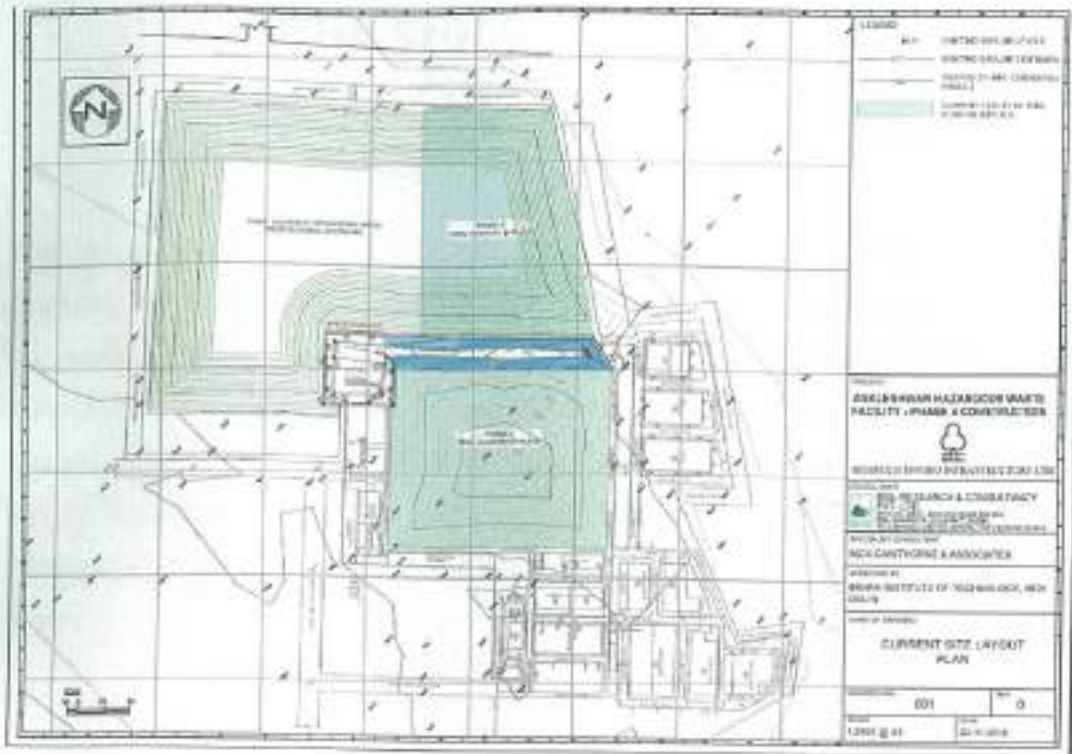


Figure 2.1: Layout of the three phases



Figure 2.2: Baseline and side liner design of Landfill

## Chapter 3: The Study Area

### 3.1 Location of the study area

The study area (Figure 3.1) is located in the Bharuch district in the state of Gujarat. The nearest major cities are Surat ( $\approx 62$  km in the South direction) and Vadodara ( $\approx 88$  km in the North direction). The nearest railway station, Ankleshwar Junction, is 4.6 km, whereas the nearest Airport, Surat International Airport (Surat), is 77 km from the TSDf facility. The study area lies between latitudes of  $21^{\circ} 31' 36''\text{N}$  and  $21^{\circ} 42' 40''\text{N}$ , and longitudes of  $73^{\circ} 8' 59''\text{E}$  and  $72^{\circ} 55' 48''\text{E}$ , and it is covered by the Survey of India (Sol) toposheet, 46 C/14 and 46 G/2 at 1:50,000 scale.

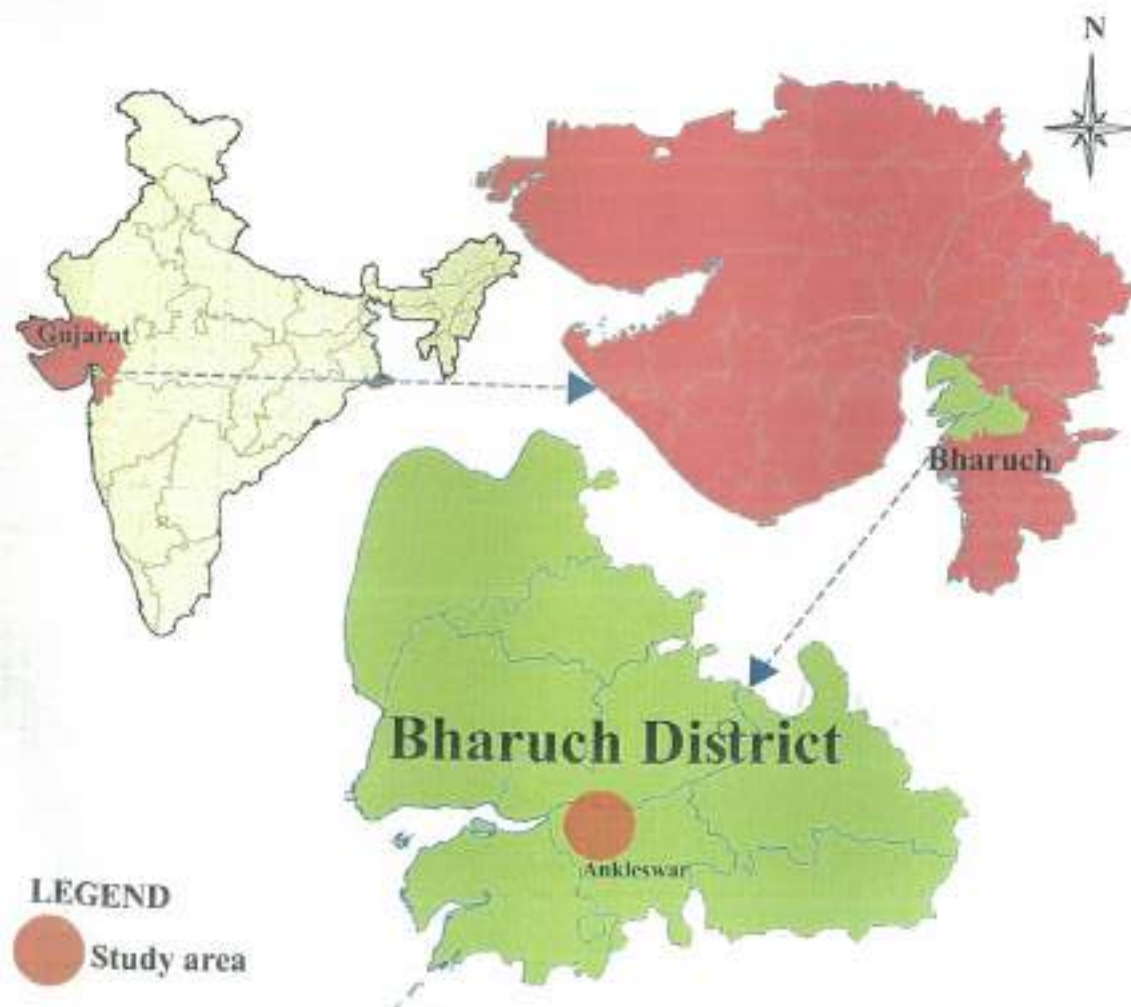


Figure 3.1: Proposed study area of 10 km radius, Ankleshwar, Bharuch District, Gujarat



### 3.2 Topography

The topography of the 10 km buffer study area, in general, is gently undulating. Careful observation reveals that it is slightly sloping towards North-West direction. The topography (Figure 3.2) ranges from 0 m to 59 m (above mean sea level-amsl). The Drainage Pattern is dendritic in nature. The elevation in the South-East direction goes up to a maximum of 59 m, whereas that in the North-West direction is 1 m. The Narmada River is the major drainage system in the northern part of the study area. It flows in the South-West direction and drains into the Arabian Sea, which is approximately 45 km from the TSDF site.

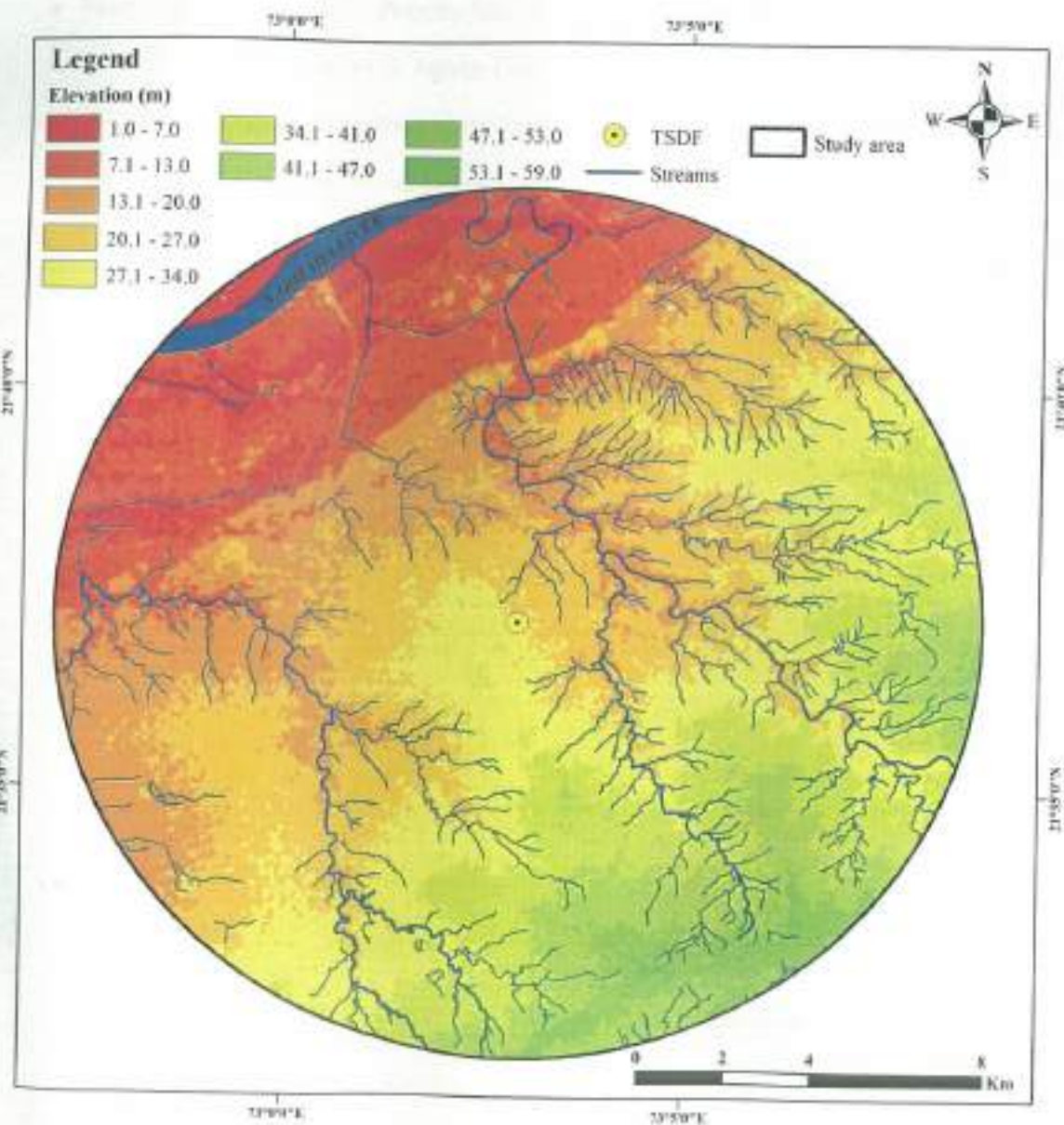


Figure 3.2: Topography map of the study area

### 3.3 Geology

The geology of the study area covers the ages such as Miocene- Pliocene, Holocene, Miocene, Eocene-Oligocene. The region near the TSDf site is primarily laminated plastic clay, silt and sand. The study area (Figure 3.3) is characterised by the following lithology. Sandstone, Siltstone, Conglomerate with Agate Pebble

- Sand & Silt, Clay, Silt & Sand
- Laminated Plastic Clay, Silt & Sand
- Clay with Fossiliferous Limestone & Marl, Ferru Sandstone
- Ferru Sandstone, Clay, Pebbly Sandstone & Agate Bear Conglomerate
- Clay, Pebbly Sandstone & Agate Bear Conglomerate
- Bentonitic Clay & Claystone with Sandstone

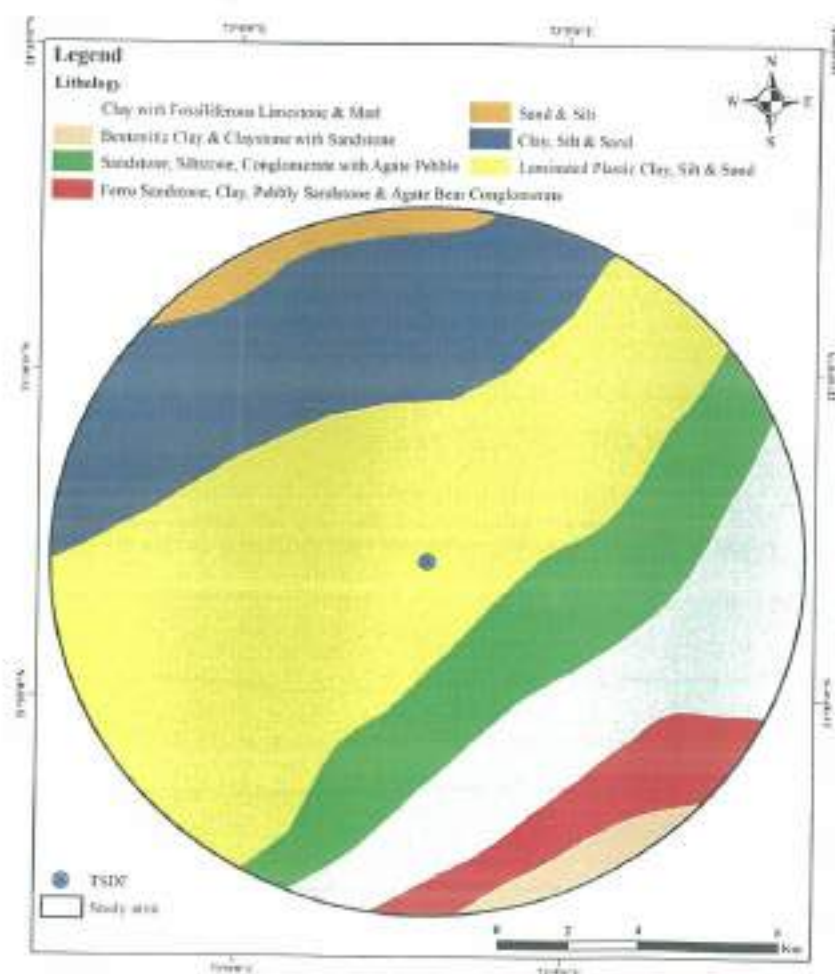


Figure 3.3: Geological map of the study area

(Source: [www.bhujkosh.gsi.gov.in/Bhujkosh/MapViewer.aspx](http://www.bhujkosh.gsi.gov.in/Bhujkosh/MapViewer.aspx))

### 3.4 Hydrogeology:

In this study area, groundwater occurs under unconfined conditions in the limestone and sandstone aquifers. Groundwater movement and occurrence is restricted mainly to the fractures and joints in the limestones and sandstones. The discharge in dug wells varies from 30 to 50 m<sup>3</sup> /day. The sandstone is the main aquifers in the Tertiary formations, but the limestone also yields significant quantities of groundwater wherever karstic developments have taken place.

The groundwater level varied between 0.63 to 33.1 meters (bgl). The groundwater flow direction is towards the southeast to the north-west.

The stage of groundwater extraction is 25.31% (Safe category) for the Ankleshwar block.

### 3.5 Hydro-meteorology

Hydro-Meteorology and its details are essential for any hydrological studies to establish the various controlling factors, as they govern the occurrence and movement of surface as well as groundwater in the study area.

#### 3.5.1 Temperature

The climatic condition of the region is Tropical, and the average temperature (Figure 3.4) during the year 2009-2019 was 28.47°C. The temperatures in the study area range from a minimum of 16°C (during the winter season: January) to and maximum goes up to 41°C (during the summer season: April & May).

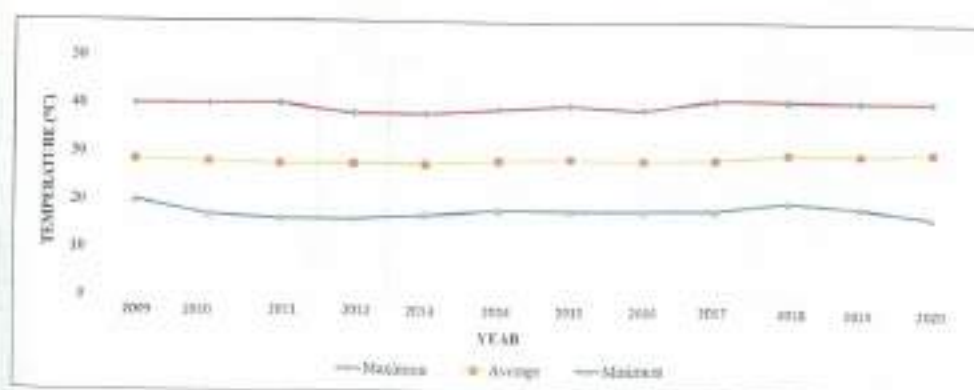
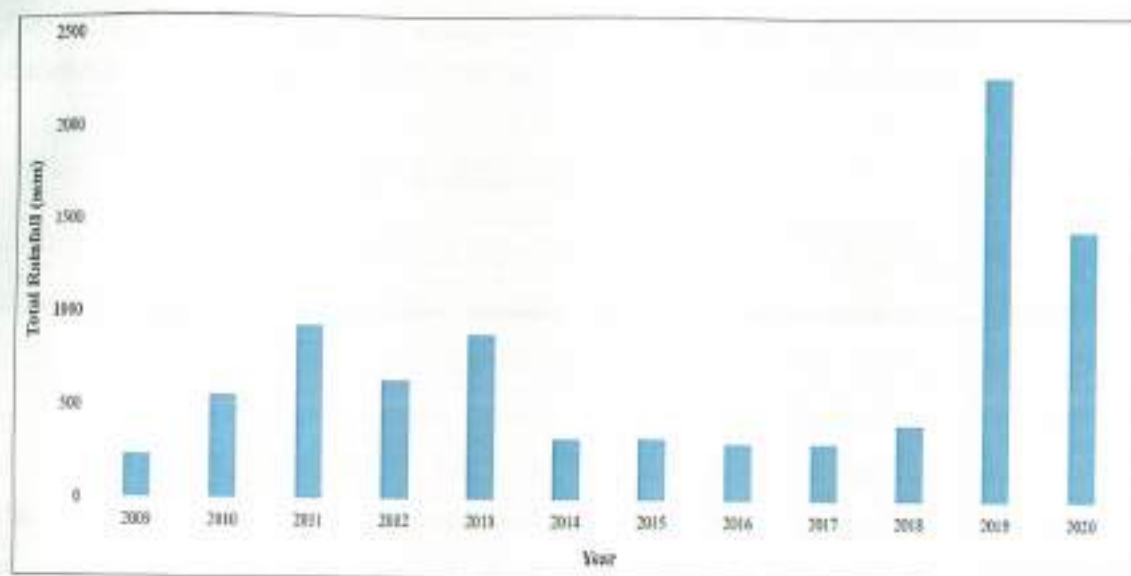


Figure 3.4: Average, Maximum & Minimum Temperature of the study area (2009-2019)

(Source: [www.worldweatheronline.com/land/on-in/ankleshwar-weather-history/gujarat/in.aspx](http://www.worldweatheronline.com/land/on-in/ankleshwar-weather-history/gujarat/in.aspx))

### 3.5.2 Rainfall

The study area experiences monsoon during the period June-October. The average rainfall during the period 2009-2019 was approximately 651 mm, with a minimum (236.44mm) and maximum (2241mm) (Figure 3.5). The maximum rainfall takes place during the month of July with an average of 280 mm. On average, the area has 87 rainy days.



**Figure 3.5: Average rainfall (2009-2019) of the study area**

(Source: [www.worldweatheronline.com/lang/en-in/ankleshwar-weather-history/gujarat/in.aspx](http://www.worldweatheronline.com/lang/en-in/ankleshwar-weather-history/gujarat/in.aspx))

## Chapter 4: Methodology for data collection

### 4.1 General

The study is based on the primary data collected during the post-monsoon (October 2020) and pre-monsoon season (May 2021). The hydrogeological data (groundwater level, groundwater chemistry) have been generated for the post-monsoon season (October 2020) and pre-monsoon season (May 2021).

### 4.2 Landuse/Landcover (LULC) Classification

Satellite imagery of Sentinel-2A for the date '02 February 2020' has 10 m spatial resolution was used for the LULC classification. The LULC classification (Figure 4.1) was done with the help of Erdas Imagine 15 and ArcGIS 10.5 software, where unsupervised classification was carried. Classes were divided into seven classes namely 'Agriculture', 'Barren', 'Built-up', 'Orchards', 'Vacant land', 'Vegetation' and 'Waterbodies'. The area distribution from LULC classification (Figure 4.2) of the study area (total of 314.28 km<sup>2</sup>) is as follows:

- Agriculture: 61.96% (194.85 km<sup>2</sup>)
- Barren: 3.41% (10.73 km<sup>2</sup>)
- Built-up: 10.96% (34.49 km<sup>2</sup>)
- Orchards: 1.16% (3.66 km<sup>2</sup>)
- Vacant land: 10.81% (34.01 km<sup>2</sup>)
- Vegetation: 9.21% (28.98 km<sup>2</sup>)
- Waterbodies: 2.45% (7.73 km<sup>2</sup>)

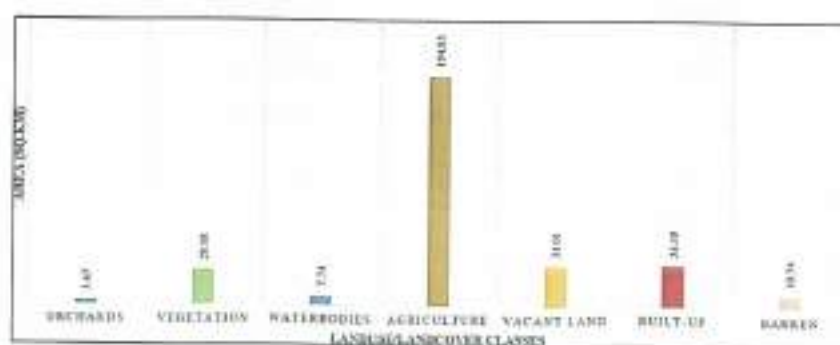


Figure 4.1: Area distribution between different landuse/landcover classes in the study area

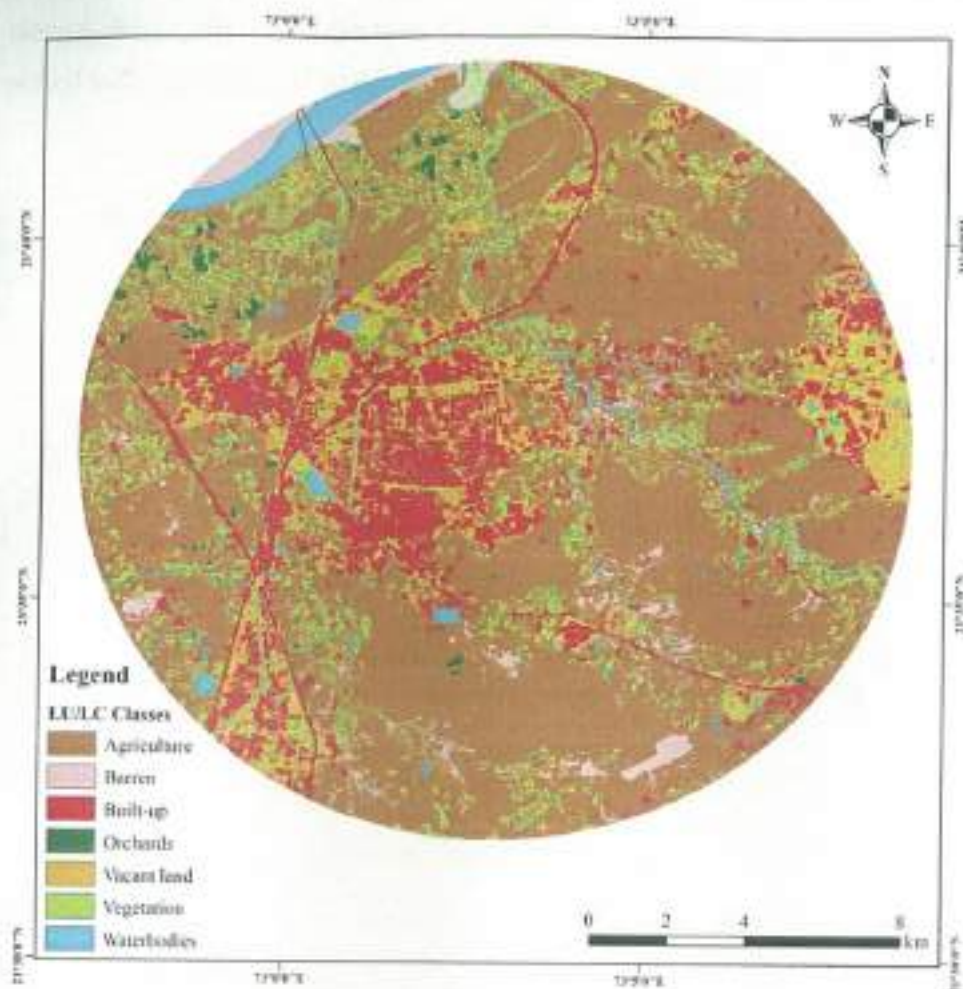


Figure 4.2: Landuse/Landcover (LULC) Classification of the study area

### 4.3 Ground water level measurement

The study area has been delineated on the basis of 10 km buffer zone (Figure 4.3) with the TSDf facility as the centre. A network of observation wells was set up for monitoring the groundwater level and groundwater quality (major cations/anions/heavy metal) in post-monsoon and pre-monsoon season. India Mark-II hand pumps and a few open wells were included in the well network. The water level (BGL-Below ground level) from the observation well network was obtained using Automatic water level indicator (Figure 4.4). A reduced Level (RL) survey has been carried out with the help of Differential GPS. The water level measured as below ground level has been converted to water level (above mean sea level) by subtracting the water level (bgl) from the RL of the well. Based on the groundwater level (above mean sea level), the groundwater flow direction has

been deciphered. The co-ordinates (latitude/longitude) of the observation wells were noted with the help of hand-held GPS of Garmin make.

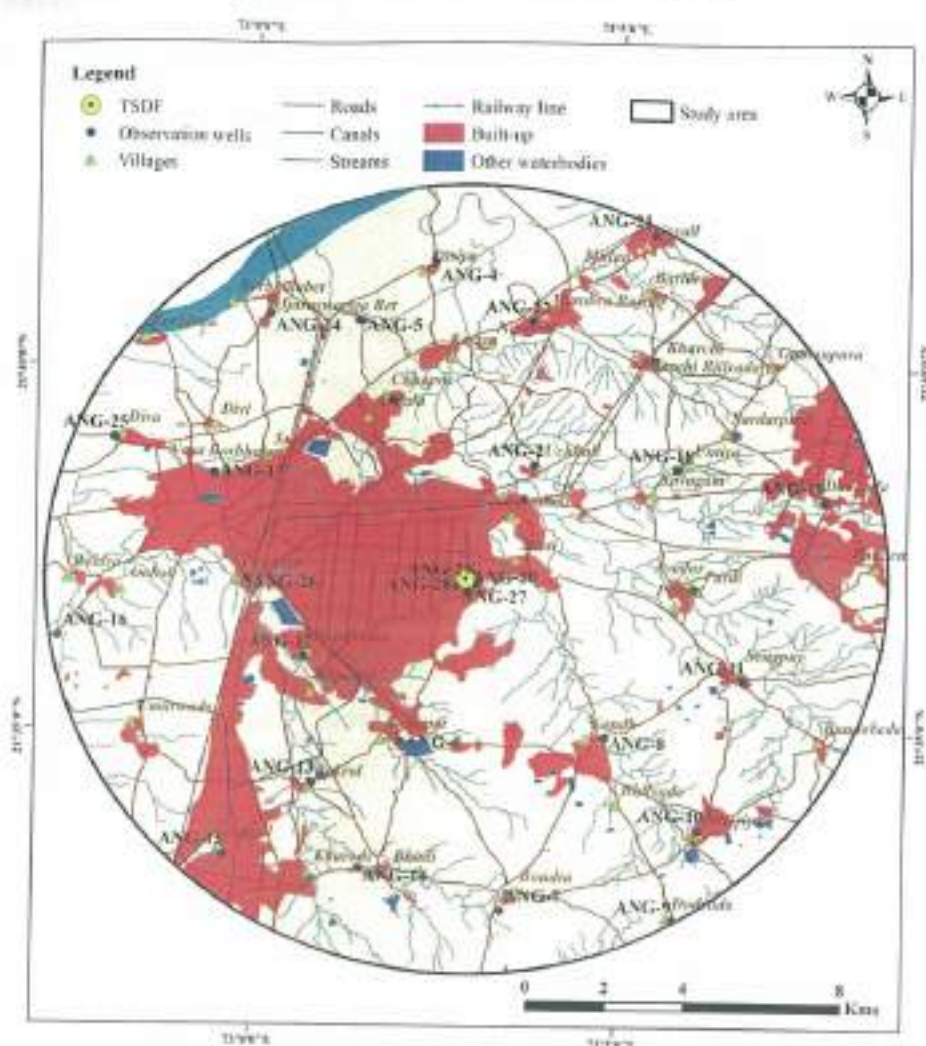


Figure 4.3: Base map of the study area



Figure 4.4: Measurement of groundwater level using automatic water level indicator

#### 4.4 Groundwater, surface water, and leachate sampling & analysis

Groundwater samples (30nos-Table 4.1) and surface water samples (4nos-Table 4.2) were collected from the well network in the study area. The groundwater sources consisted of Bore well (17nos), Hand pump (7nos), Dug well (6nos). Surface water samples were collected from Narmada River and Sea (Table 4.2). Besides, samples were collected from the leachate collection wells (2nos) located in the TSDF site (Table 4.3).

For physicochemical parameters and heavy metal analysis, the samples were collected in pre-cleaned 500 ml and 100 ml polyethylene bottles, respectively. Concentrated HNO<sub>3</sub> was added to the heavy metal samples for preservation. Parameters, namely, pH and temperature, were measured in the field itself using portable probes.

The physicochemical parameters were analyzed by following the standard protocol (APHA, 2017). The heavy metal analysis was done by ICP-OES (Model: iCAP 6300 DUO, Make: Thermo Fischer). Samples, namely, ANG-2, ANG-17, ANG-25 and ANG-26 have been analysed for COD also.

Table 4.1: Observation well location details

Sr. No.	Sample Code	Source	Latitude	Longitude	Remarks
1.	ANG-1	BW	21°28'11.6"N	73°03'41.5"E	Dadhhal Bus stop
2.	ANG-2	HP	21°38'39.7"N	73°03'49.7"E	Uchhali
3.	ANG-3	DW	21°36'59.2"N	73°06'02.2"E	Awadar Masjid
4.	ANG-4	HP	21°41'27.0"N	73°02'26.8"E	Kashiya
5.	ANG-5	HP	21°40'39.3"N	73°01'25.9"E	Juna Chhapra
6.	ANG-6	HP	21°34'51.4"N	73°02'02.6"E	Kosamdi
7.	ANG-7	BW	21°32'33.2"N	73°03'26.5"E	Boidra (Kondh)
8.	ANG-8	DW	21°34'55.7"N	73°04'50.3"E	Kondh
9.	ANG-9	DW	21°32'25.6"N	73°05'47.6"E	Dodvada
10.	ANG-10	HP	21°33'40.0"N	73°06'7.7"E	Vatariya
....					
11.	ANG-11	DW	21°35'43.1"N	73°06'43.4"E	Sengpur
12.	ANG-12	HP	21°36'0.9"N	73°00'42.0"E	Bharkodara
13.	ANG-13	BW	21°34'17.3"N	73°00'50"E	Bakrol
14.	ANG-14	BW	21°33'6.9"N	73°01'29.3"E	Bhadi
15.	ANG-15	DW	21°33'17.4"N	72°59'47.3"E	Sanjalli
16.	ANG-16	BW	21°36'15.9"N	72°57'18.3"E	Boidara (Amboli)
17.	ANG-17	BW	21°38'31.4"N	72°59'26.6"E	Diwa Road, Sai Residency
18.	ANG-18	BW	21°38'37.6"N	73°05'47.5"E	Untiya
19.	ANG-19	BW	21°38'11.8"N	73°07'49.7"E	Dadheda



Sr. No.	Sample Code	Source	Latitude	Longitude	Remarks
20.	ANG-20	DW	21°40'7.2"N	73°05'27.7"E	Kharchi
21.	ANG-21	BW	21°41'50.6"N	73°05'26.8"E	Govall
22.	ANG-22	HP	21°40'37.8"N	73°03'47.6"E	Mandva
23.	ANG-23	BW	21°39'32.9"N	73°01'53"E	Andada
24.	ANG-24	BW	21°40'43.9"N	73°00'11"E	Borbetta Bet
25.	ANG-25	BW	21°38'59.5"N	72°58'03.3"E	Diwa
26.	ANG-26	BW	21°37'4.9"N	72°59'54.7"E	Pirman
27.	ANG-27	BW	21°36'59.9"N	73°02'47.5"E	Phase 2, U/S, EB-9
28.	ANG-28	BW	21°37'10.1"N	73°02'59.4"E	Phase 2, D/S, EB-7
29.	ANG-29	BW	21°37'1.7"N	73°03'3.7"E	Phase 1, D/S, EB-3
30.	ANG-30	BW	21°36'55.6"N	73°02'56.2"E	Phase 1, U/S, EB-5

BW-Bore well, HP-Hand Pump, DW-Dug Well

**Table 4.2: Surface water sample location details**

Sr. No.	Sample Code	Latitude	Longitude	Remarks
1.	ANS-1	21°39'32.8"N	72°33'38.7"E	Sea water near Dahej
2.	ANS-2	21°40'52.5"N	72°50'43.7"E	Narmada river, Bhadbhut village
3.	ANS-3	21°46'5.1"N	73°08'6.7"E	Narmada river, Upstream of Kabirwada
4.	ANS-4	21°41'29.8"N	73°00'24.4"E	Narmada river, Golden Bridge

**Table 4.3: Leachate well location details**

Sr. No.	Sample code	Latitude	Longitude	Remarks
1.	ANL-1	21° 36' 55.5"N	73° 02' 57.2"E	Phase 1, (LW-6)
2.	ANL-2	21° 37' 9.8"N	73° 02' 58.6"E	Phase 2, (LW-2)

#### 4.5 Groundwater Flow Modelling and Solute Transport

A steady state Groundwater Flow modelling has been attempted for the watershed surrounding the TSDF site. Visual MODFLOW Flex Version 7.0 (McDonald & Harbaugh, 1984; Pollock, 2012) has been used to simulate the flow Model. Based on the flow model, the movement of particles is simulated by the MODPATH module.

##### 4.5.1 Groundwater Flow Equations

The groundwater flow is governed by the Darcy's law and the conservation of mass. The governing mathematical equations for groundwater flow are developed from



the fundamental principle of conservation of mass of fluid and the Darcy's law. A general equation for conservation of mass may be expressed as:

$$\text{Rate of mass inflow} - \text{rate of mass outflow} + \text{rate of mass reduction/consumption} = \text{rate of mass accumulation}$$

The Darcy's law states that the flow per unit area per unit time is directly proportional to the Change in head and inversely proportional to the length of the flow path.

$$V = K (\partial h / \partial x) \dots \dots \dots (4.2)$$

Where,

V = flow per unit area per unit time

K = hydraulic conductivity

$\partial h / \partial x$  = hydraulic gradient

In steady state condition, the groundwater flow equation is given by:

$$\frac{\partial}{\partial x} \left( \frac{K_{xx} \partial h}{\partial x} \right) + \frac{\partial}{\partial y} \left( \frac{K_{yy} \partial h}{\partial y} \right) + \frac{\partial}{\partial z} \left( \frac{K_{zz} \partial h}{\partial z} \right) + W = 0 \dots \dots \dots (4.3)$$

Where,

$K_{xx}$  = hydraulic conductivity in the x-direction

$K_{yy}$  = hydraulic conductivity in the y-direction

$K_{zz}$  = hydraulic conductivity in the z-direction

W = the source or sink term

h = the hydraulic head

#### 4.5.2 Simulating Particle Pathlines by MODPATH

MODPATH is a particle-tracking post-processing model that computes three-dimensional flow paths using output from groundwater flow simulations based on MODFLOW, the U.S. Geological Survey (USGS) finite-difference groundwater flow model. The MODPATH program is used for calculating the advective flow pathlines for forward tracking and backward tracking particles. MODPATH has run-time settings for Discharge Options which are used to tell MODPATH what to do with particles when they enter a grid cell where water is leaving the system.

#### *4.5.2.1 Model Conceptualization*

##### **Grid design**

The study area is delineated on the basis of watershed principle (ridge to valley) and is discretized into 40 rows and 20 columns (Figure 4.5) keeping the dimension of each cell 345m by 380m respectively. A single layered groundwater system is conceptualized by taking into account the hydrogeology of the study area.

#### *4.5.2.2 Boundary Conditions and Input Parameters*

Boundary conditions represent locations in the model where water flows into or out of the model region due to external factors. The selection of boundary conditions is dependent on hydrogeological conditions of aquifer of the study area and objectives of the model. The following boundary conditions are assigned to the present model.

1. Specified head
  - a. Constant Head (CHD)
2. Specified flux
  - a. Well package
  - b. Recharge package (RCH)

##### **Elevation**

The elevation of the study area is assigned to the model on the basis of Reduced Level (RL) survey conducted in the study area. The extracted elevation data has been projected to UTM projection and exported to the model. The topography of the watershed and the TSDF site has been considered and assigned to the model.

##### **Observation Wells & Pumping Wells**

A network of four observation wells (Figure 4.6) are selected for regular monitoring and the head has been assigned accordingly on the basis of the water level of observation wells. A pumping of 800 m<sup>3</sup>/day per each well has been assigned to the model through pumping wells.



### ***Hydraulic conductivity***

The hydraulic conductivity values i.e.,  $K_x = 5.78E-5$  m/s,  $K_y = 5.78E-5$  m/s and  $K_z = 5.78E-6$  m/s have been assigned to the model (whole study area).

### ***Recharge***

A recharge of 72 mm/yr (12 % of rainfall) has been assigned to the model according to the stipulations of GEC 2017.

### ***Constant Head***

The boundary condition constant head is assigned on the basis of the water level of the study area. The constant head has been assigned at extreme north and south of the study area.

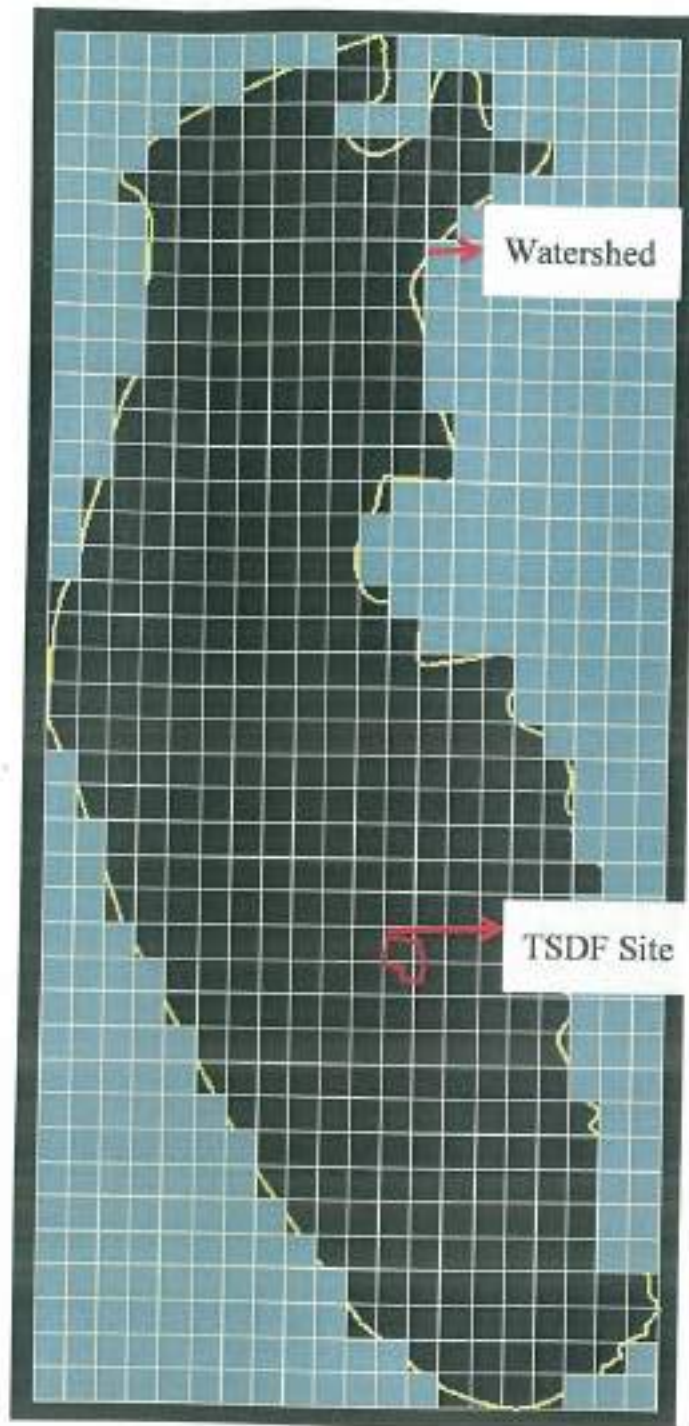


Figure 4.5: Grid design of the study area

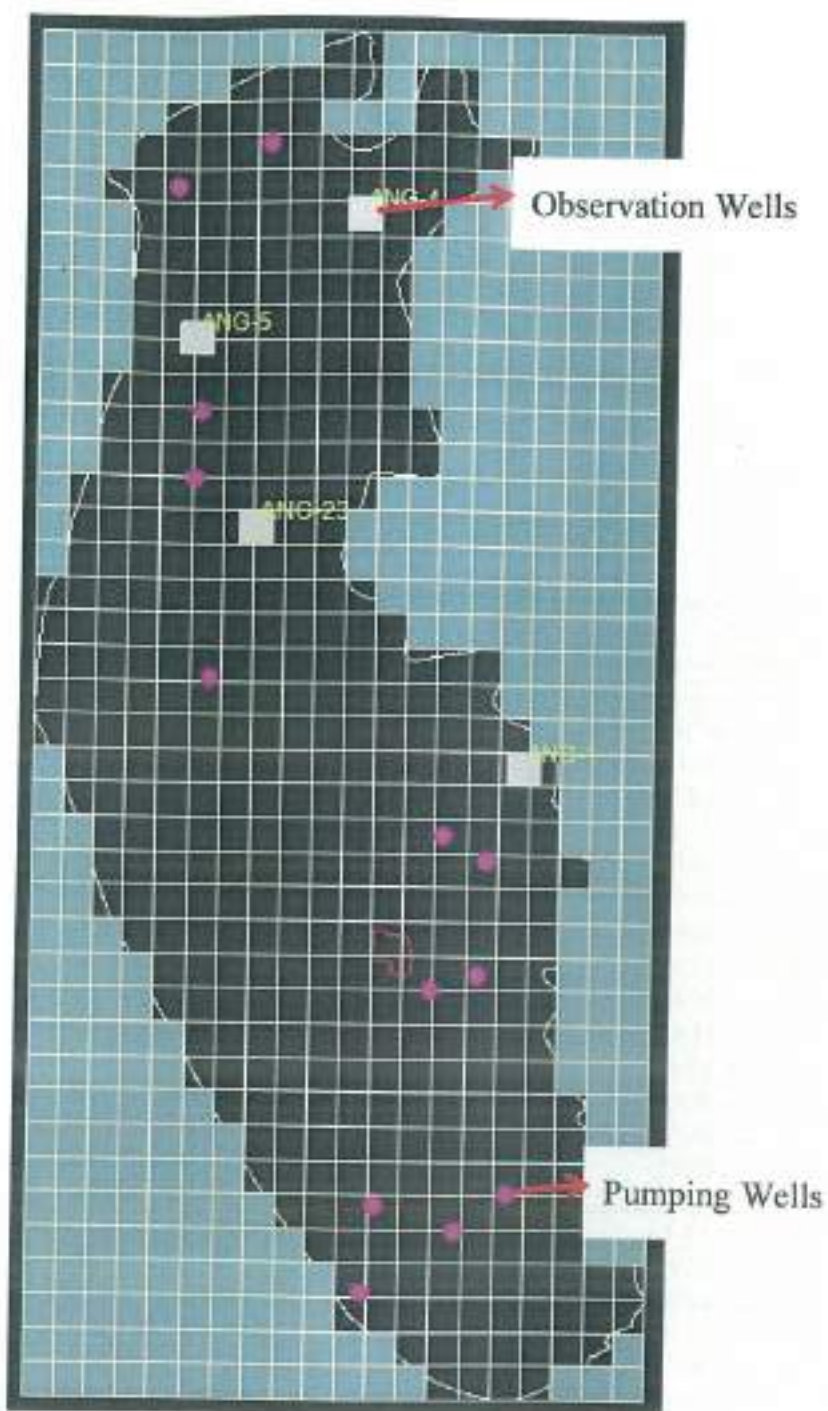


Figure 4.6: Assigned Observation Wells and Pumping Wells to the model

## Chapter 5: Results and Discussions

### 5.1 Groundwater level

The groundwater level (Table 5.1) in the 10 km buffer surrounding the TSDF Facility of BEIL was measured, and the water level varied between 0.63 to 33.1 meters (bgl). The groundwater level (amsl) contours (Figure 5.1) show that the flow direction is towards the south-east to north-west direction. Due to the heavy pumping of groundwater in the surrounding area, the levels of monitoring bore wells may vary. This can influence the flow direction evaluation.

**Table 5.1: Groundwater Level (bgl) in the study area (October 2020)**

Sr. No.	Sample Code	Source	Water level bgl (m)	Water level (amsl)
1.	ANG-1	BW	19.39	3.31
2.	ANG-2	HP	10.47	10.33
3.	ANG-3	DW	6.98	21.10
4.	ANG-4	HP	4.7	5.24
5.	ANG-5	HP	3.9	6.13
6.	ANG-6	HP	9.03	17.95
7.	ANG-7	BW	20.38	23.91
8.	ANG-8	DW	1.70	29.52
9.	ANG-9	DW	2.08	47.18
10.	ANG-10	HP	10.67	34.33
11.	ANG-11	DW	0.63	28.17
12.	ANG-12	HP	15.5	4.66
13.	ANG-13	BW	2.97	18.96
14.	ANG-14	BW	5.17	27.43
15.	ANG-15	DW	6.92	21.33
16.	ANG-16	BW	1.35	13.26
17.	ANG-17	BW	4.84	5.23
18.	ANG-18	BW	9.1	20.22
19.	ANG-19	BW	8.84	27.16
20.	ANG-20	DW	5.27	15.10
21.	ANG-21	BW	8.05	12.87
22.	ANG-22	HP	10.48	9.45
23.	ANG-23	BW	30.49	-9.61
24.	ANG-24	BW	3.38	6.02
25.	ANG-25	BW	1.82	7.18
26.	ANG-26	BW	9.52	5.58
27.	ANG-27	BW	12.03	18.30
28.	ANG-28	BW	17.28	12.48
29.	ANG-29	BW	33.10	-
30.	ANG-30	BW	32.83	-

BW-Bore well, HP-Hand Pump, DW-Dug Well

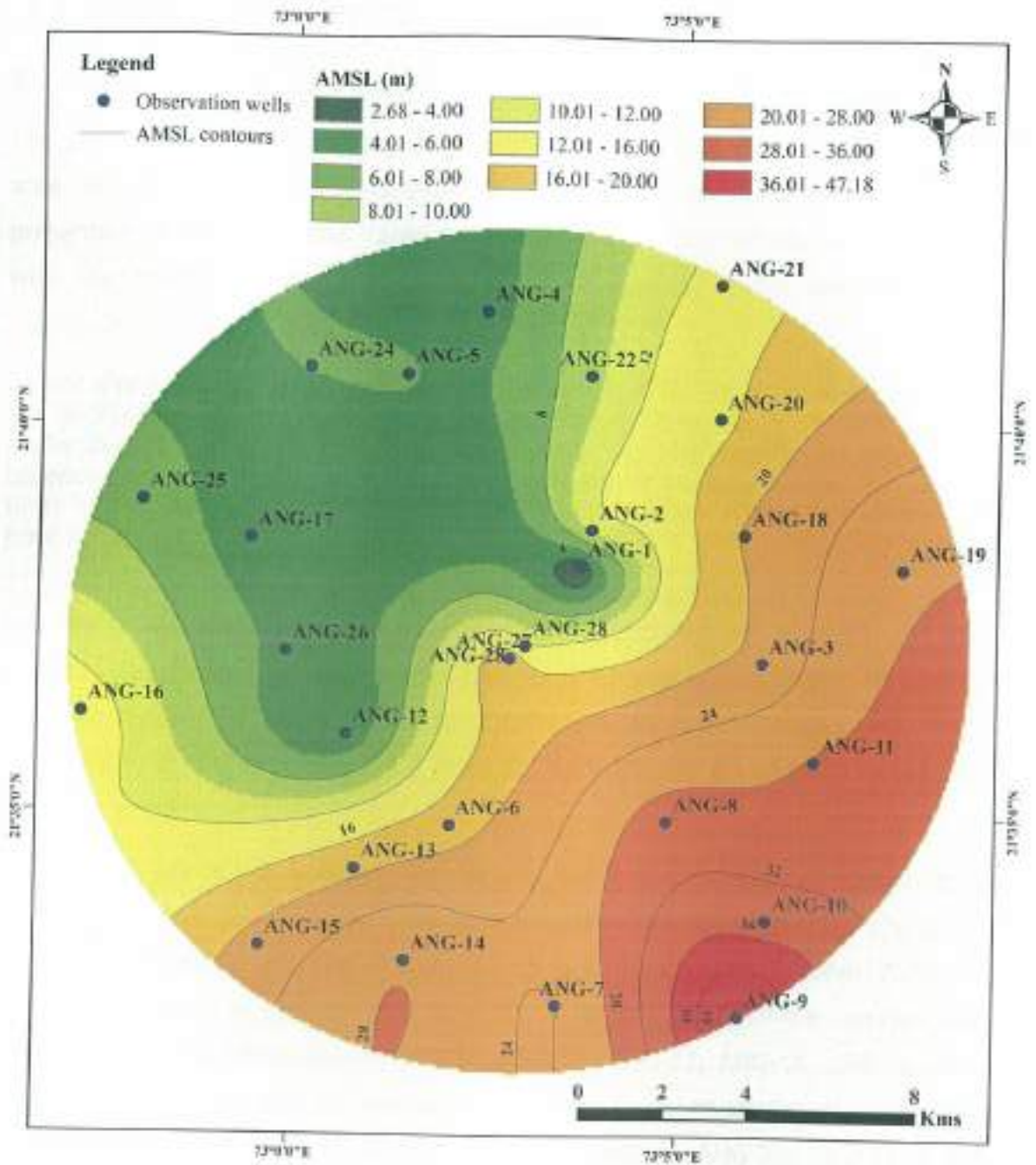


Figure 5.1: Groundwater level (AMSL) of the study area



## 5.2 Groundwater quality

### 5.2.1 Physicochemical parameters

The physicochemical parameters of groundwater samples collected from the study area during Post-monsoon (October 2020) and Pre-monsoon (May 2021) are presented in Table 5.2 and Table 5.3, respectively. The results were compared with the acceptable and permissible limits of drinking water specification BIS 10500:2012 (Amended in 2015).

As per the drinking water specification BIS 10500:2012, *"It is recommended that the acceptable limit is to be implemented. Values in excess of those mentioned under 'acceptable' render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under 'permissible limit in the absence of alternate source' in col 4, above which the sources will have to be rejected."*

**pH:** The results show that all the samples collected during pre-monsoon and post-monsoon season had pH well within the range of acceptable limits. In the Pre-monsoon season, pH was in the range of 6.9 (ANG-18) to 8.0 (ANG-6, ANG- 20). In comparison, it ranged between 6.9 (ANG-22, ANG-27) and 8.1 (ANG-6) in the post-monsoon season.

**TDS (Total Dissolved Solids):** The results show that nearly all the samples collected during pre-monsoon and post-monsoon seasons had TDS above the acceptable limits except ANG-7 and ANG-13 in Post monsoon (October 2020) and ANG-7 and ANG-15 in pre-monsoon (May 2021). Besides, most of the samples were within permissible limits except ANG-10, ANG-11, ANG-12, ANG-14, ANG-16, ANG-21, ANG-27, ANG-28, ANG-29, and ANG-30) in Post-monsoon season (October 2020) and ANG-2, ANG-10, ANG-11, ANG-12, ANG-14, ANG-16, ANG-23, ANG-27 in Pre-monsoon (May 2021) respectively. The TDS maps (Figures 5.2 & 5.3) show dilution in TDS during the post-monsoon season.

**Chloride:** The results show that most of the samples collected during both the seasons had higher chloride concentrations as compared to acceptable limits except sample ANG-6, ANG-7, ANG-8, ANG-13, ANG-15 in post-monsoon (October 2020) and ANG-6, ANG-7, ANG-8, ANG-13, ANG-15, and ANG-30 in pre-monsoon (May 2021). However, most of the samples in both the seasons had chloride

concentration under the permissible limits except samples ANG-11, ANG-27, ANG-28, ANG-29 in the post-monsoon (October 2020) and ANG-2, ANG-12, ANG-14, ANG-23, and ANG-27 in the pre-monsoon season (May 2021). The maps showing Chloride concentration in Groundwater of the study area for post-monsoon and pre-monsoon seasons are shown in Figure 5.4 and Figure 5.5, respectively.

**Sulphate:** Sulphate concentration in most of the samples of both the seasons was under acceptable limits excluding ANG-9, ANG-11, ANG-12, ANG-14, ANG-16 in post monsoon season and ANG-2, ANG-5, ANG-9, ANG-10, ANG-11, ANG-12, ANG-14, ANG-16, ANG-20, ANG-23, ANG-26, and ANG-30 in the pre-monsoon season (May 2020). Whereas, ANG-11, ANG-12, and ANG-14 in post-monsoon (October 2020) and ANG-12, and ANG-14 in the pre-monsoon season showed higher concentrations of sulphate as compared to the permissible limits.

**Nitrate:** Nitrate concentration in sixteen samples of post-monsoon season (ANG-2, ANG-3, ANG-5, ANG-11, ANG-12, ANG-14, ANG-16, ANG-18, ANG-19, ANG-21, ANG-23, ANG-26, ANG-27, ANG-28, ANG-29, ANG-30) and ten samples of pre-monsoon season (ANG-2, ANG-3, ANG-5, ANG-14, ANG-16, ANG-18, ANG-19, ANG-21, ANG-22, and ANG-26) had higher concentration as compared to the acceptable limits. There is no relaxation for Nitrates as permissible limits.

**Total Hardness:** The total hardness was higher as compared to the acceptable limits in most of the samples of both the seasons, excluding ANG-3, ANG-6, ANG-7, ANG-13, and ANG-16 of Post-monsoon (October 2020) and ANG-6, ANG-7, ANG-13, and ANG-15 of the pre-monsoon (May 2021) season. Furthermore, most of the samples were within permissible limits excluding ANG-2, ANG-5, ANG-11, ANG-12, ANG-14, ANG-15, ANG-29, ANG-25, ANG-28, ANG-29 of post-monsoon (October 2020) and ANG-2, ANG-5, ANG-11, ANG-12, ANG-14, ANG-17, ANG-22, ANG-27 of pre-monsoon (May 2021).

**Bromide:** Bromide is used as an indicator to infer seawater intrusion in the study area. The Bromide concentration in sea water is in the range 65-80 mg/L (Al-Mutaz, 2000). Generally, bromide concentration in freshwater ranges from trace amounts to about 0.5 mg/l (WHO, 2009). A high concentration of bromide in groundwater has thus been used to indicate seawater intrusion by many researchers (Baird et al., 2017). In the present study, except few samples of post-



monsoon (ANG-1, ANG-6, ANG-7, ANG-8, ANG-9, ANG-17, ANG-19, and ANG-21), all the samples of both the seasons had Br concentration exceeding 0.5 mg/L, thereby indicating the effect of seawater intrusion (Table 5.3). Br concentration exceeding >1 is found in the monitoring wells, ANG-27, ANG-28, ANG-29 and ANG-30 located in the BEIL premises in both seasons.

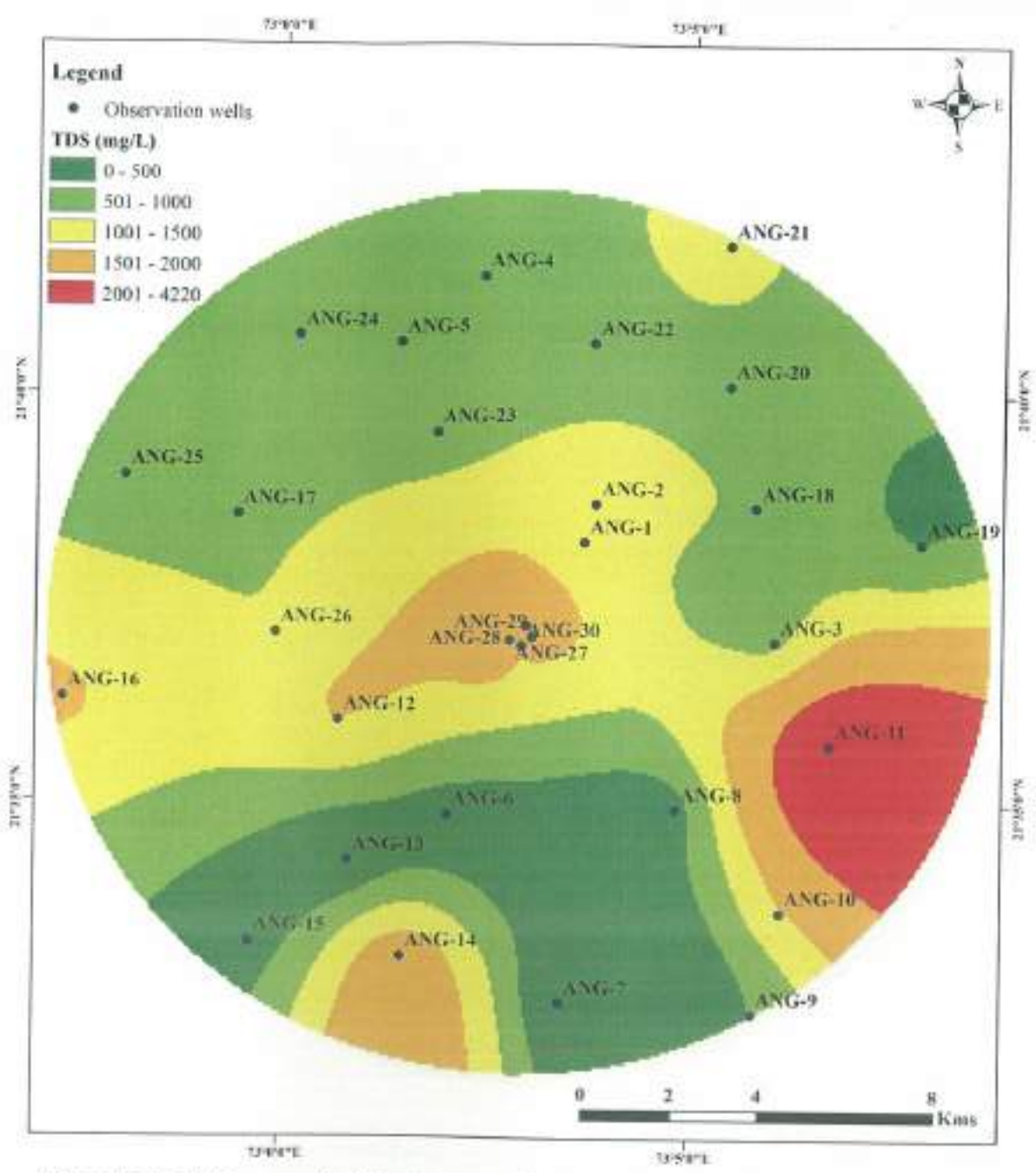


Figure 5.2: TDS concentration in groundwater of the study area during the Post-monsoon season (October 2020)

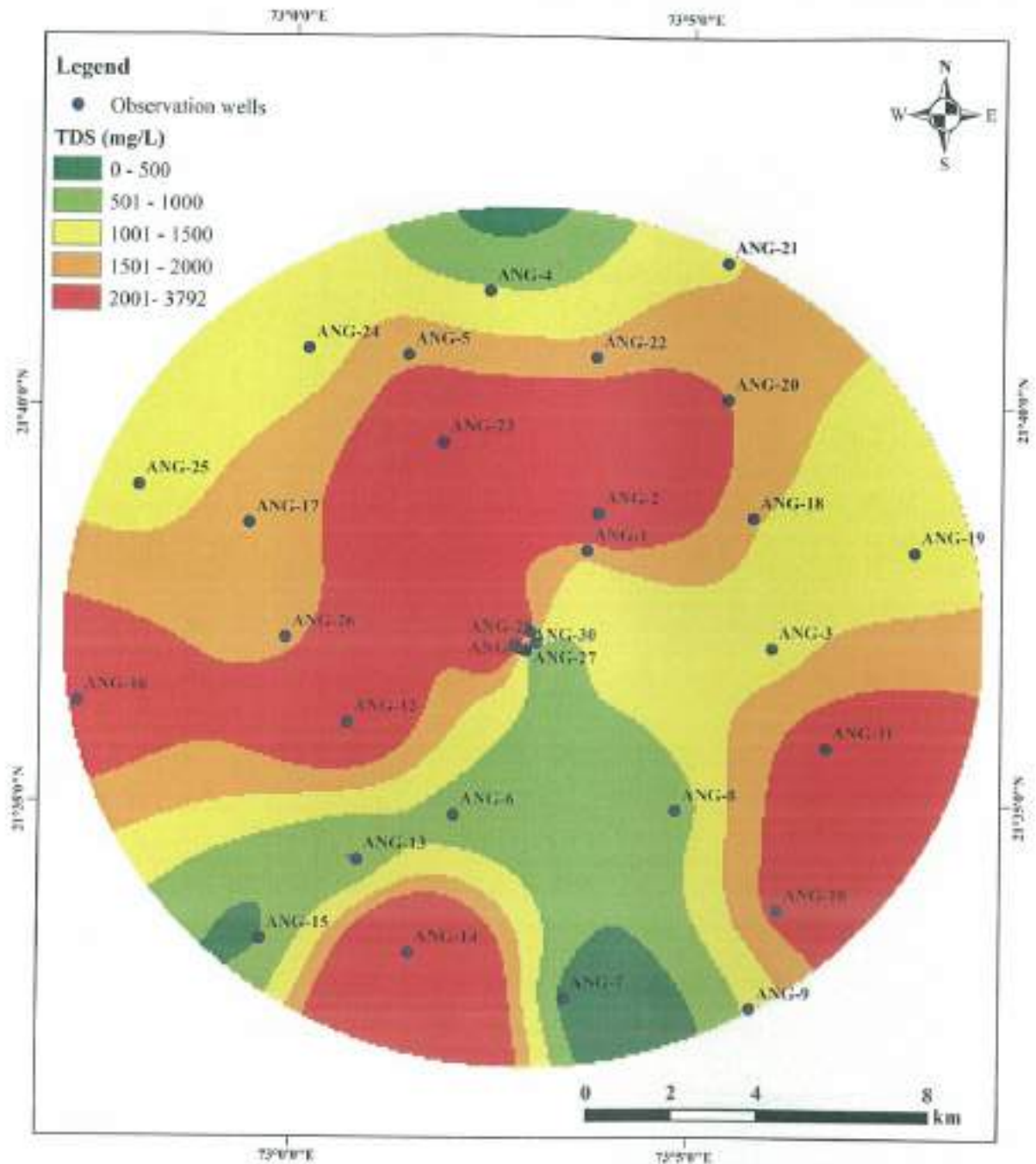


Figure 5.3: TDS concentration in groundwater of the study area during the pre-monsoon season (May 2021)

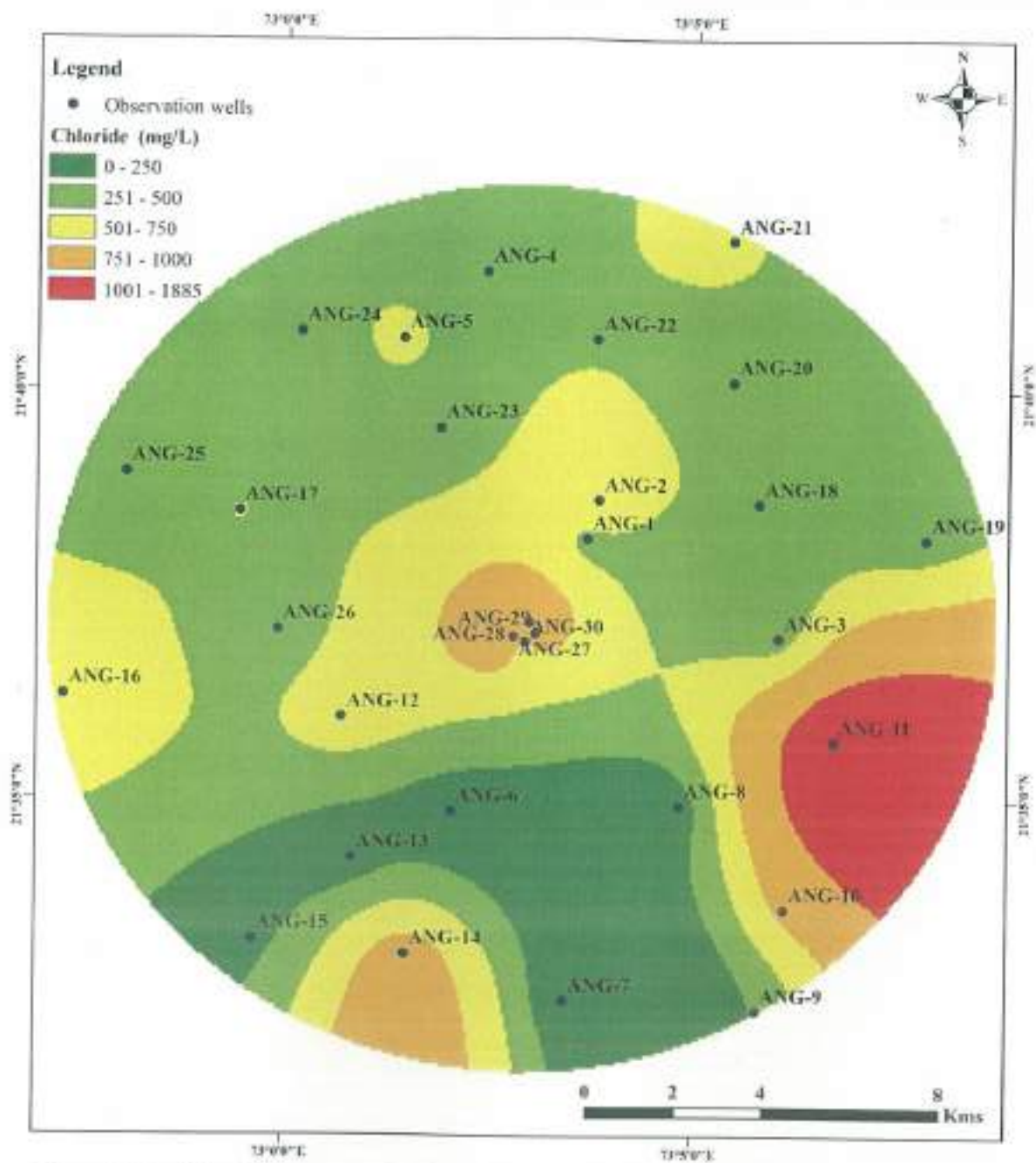


Figure 5.4: Chloride concentration in Groundwater of the study area during post monsoon season (October 2020)

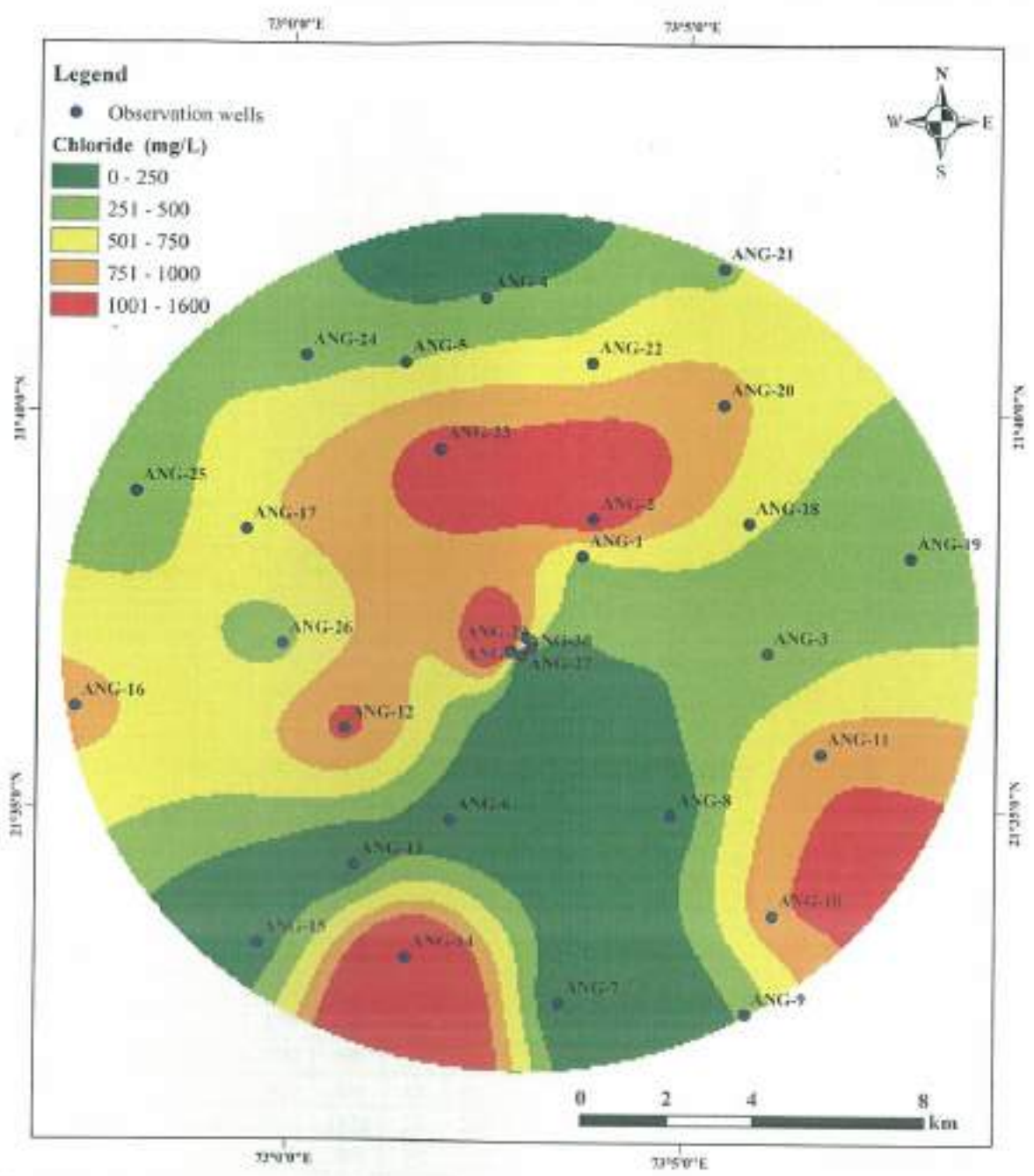


Figure 5.5: Chloride concentration in groundwater of the study area during pre-monsoon season (May 2021)

Table 5.2: Concentration of cations/anions in groundwater  
(Post-monsoon, October 2020)

Sample Code	pH	TDS	Total Hardness as CaCO <sub>3</sub>	Calcium as Ca <sup>2+</sup>	Magnesium Mg <sup>2+</sup>	Sodium	Potassium	Total alkalinity as CaCO <sub>3</sub>	Chloride	Sulphate	Nitrate	Phosphate as PO <sub>4</sub> <sup>3-</sup>	Bromide (Br <sup>-</sup> )
ANG-1	7.4	1651	580	64	101	649	3.7	800	480	136	41.5	0.7	0.08
ANG-2	7.1	1876	708	147	81.6	629	8.8	440	690	135	175	0.6	3.5
ANG-3	7.6	1387	152	43.2	11.3	776	10.9	780	420	92.3	53.1	2.5	4.6
ANG-4	7.3	1085	504	73.6	76.8	384	62.2	540	368	80.9	25.8	0.6	9.2
ANG-5	7.3	1310	760	136	101	481	199	688	560	129	53.7	0.5	2.2
ANG-6	8.0	605	88	16	11.5	359	3.8	480	88	68.5	36.9	0.6	ND
ANG-7	7.3	240	84	22.4	6.7	102	3.9	210	25	15.3	12.7	0.9	ND
ANG-8	7.5	675	280	36.8	45.1	265	4.2	460	108	76.8	14.7	0.9	0.02
ANG-9	7.2	888	376	118	19.2	260	6.2	168	260	208	19.2	0.8	0.4
ANG-10	7.2	2040	408	73.6	53.8	981	60.4	588	920	185	39.9	0.9	4.2
ANG-11	7.3	4220	1728	48	386	1595	25.9	480	1885	958	221	0.9	6.4
ANG-12	7.2	2130	720	104	221	162	4.6	520	660	403	50	1.5	2.5
ANG-13	7.6	400	200	40	24	170	5.9	288	110	11.7	14.3	3.6	1.8
ANG-14	7.1	2580	1700	60	404	825	5	698	986	545	320	2.1	3.7
ANG-15	7.7	592	1300	24	125	100	2.8	340	168	50.9	17.1	2.3	11.3
ANG-16	7.6	2220	120	40	4.8	1144	5.2	680	782	206	128	2.6	2.8
ANG-17	7.5	1358	350	52	52.8	444	23.6	370	525	70.5	34.8	2	ND
ANG-18	6.9	1413	600	64	106	458	2.9	462	438	132	89.6	1.5	1.7
ANG-19	7.9	879	680	40	139	352	64.5	564	374	75.2	68.4	3.1	0.3
ANG-20	8.0	1228	400	60	60	432	6.5	462	335	130	19.4	1.1	1.1
ANG-21	7.1	2030	380	96	90.7	324	7.5	400	680	83.8	260	1.7	0.3
ANG-22	7.7	1122	1030	28	230	264	7.4	538	498	26.6	25.3	1.8	1
ANG-23	7.9	1311	500	32	101	485	13.4	540	420	93.1	50.2	2.8	1
ANG-24	7.3	1262	240	144	14.4	170	18.3	350	380	84.4	28.3	1.8	0.8
ANG-25	7.4	1094	880	56	81.6	260	114	438	300	78.9	36.3	0.8	0.8
ANG-26	7.4	1578	300	36	50.4	436	12.3	430	365	258	143	1.5	1.1
ANG-27	7.0	2740	440	192	43.2	540	7.1	340	1155	175	160	1.2	1.8
ANG-28	7.1	2590	1220	40	269	715	7.7	388	1010	339	84.1	1.1	1.2
ANG-29	7.0	2730	850	132	125	584	8.8	370	1120	208	109	1.3	13.8
ANG-30	7.2	2240	500	44	94	557	7.9	450	810	127	135	0.9	2.3

\* All values are in mg/L except pH  
 \* Concentrations above acceptable limits are in BOLD and above permissible limits are in BOLD and underlined  
 \*Amended in 2015



Table 5.3: Cations/anions concentration in groundwater samples during (Pre-monsoon, May 2021)

Sample ID		pH	Total Dissolved Solids	Total Hardness	Calcium Ca <sup>2+</sup>	Magnesium Mg <sup>2+</sup>	Sodium	Potassium	Total alkalinity	Sulphate	Chloride	Nitrate	Fluoride	Bromide (Br <sup>-</sup> )	Phosphate as PO <sub>4</sub> <sup>3-</sup>
BIS 10500:2012*	Acceptable Limits	6.5-8.5	500	200	75	30	-	-	200	200	250	45	1.0	-	-
	Permissible Limits	NR	<u>2000</u>	<u>600</u>	<u>200</u>	<u>100</u>	-	-	<u>600</u>	<u>400</u>	<u>1000</u>	NR	<u>1.5</u>	-	-
ANG-1		7.4	1644	500	36	98.4	415	5	500	168	495	33	1.3	4.6	0.6
ANG-2		7.0	3155	<u>1390</u>	172	<u>230</u>	578	11	420	289	<u>1170</u>	<u>348</u>	0.4	4.7	1.6
ANG-3		7.5	1285	210	20	38	389	6	540	71	260	<u>81</u>	0.9	2.6	0.6
ANG-4		7.5	1035	520	24	<u>110</u>	201	25	320	77	270	22	0.2	3.1	0.5
ANG-5		7.6	1874	<u>820</u>	72	<u>153</u>	353	139	450	242	475	<u>65</u>	0.1	3.4	0.4
ANG-6		8.1	788	90	16	12	271	6	430	32	75	5	<u>1.6</u>	2.4	0.5
ANG-7		7.7	423	80	16	10	129	5	180	68	30	7	1.1	0.6	0.6
ANG-8		7.6	746	370	20	76	158	4	430	56	55	16	<u>1.7</u>	2.1	0.7
ANG-9		7.5	1066	420	60	64	246	10	220	204	300	8	0.6	2.6	0.7
ANG-10		7.6	<u>2135</u>	350	32	64	637	77	260	219	915	1	0.4	4.2	0.8
ANG-11		7.6	<u>2388</u>	<u>620</u>	28	<u>132</u>	681	23	510	250	890	0	<u>1.6</u>	3.9	0.7
ANG-12		7.3	<u>2742</u>	<u>780</u>	40	<u>163</u>	649	8	520	<u>406</u>	<u>1050</u>	0.8	0.6	3.5	1.4
ANG-13		7.8	520	200	12	41	138	10	280	33	75	7	0.8	1.5	1.3
ANG-14		7.3	<u>3792</u>	<u>1300</u>	24	<u>297</u>	828	12	440	<u>414</u>	<u>1600</u>	<u>235</u>	0.6	5.2	1.5
ANG-15		7.7	488	100	16	14	158	4.3	170	56	95	8	0.8	1.6	1.4
ANG-16		7.7	<u>2444</u>	300	24	57	698	6.8	670	285	825	<u>50</u>	1.3	2.7	1.4
ANG-17		7.7	1725	<u>790</u>	36	<u>168</u>	343	30	380	159	685	0	0.3	3.2	1.3
ANG-18		7.2	1568	380	16	82	331	6	370	112	550	<u>131</u>	0.4	3.2	0.9
ANG-19		7.3	1172	390	16	84	250	34	420	100	275	<u>133</u>	0.6	0.8	3.3
ANG-20		7.4	1998	500	28	<u>103</u>	450	12	440	220	825	14	0.4	3.4	1
ANG-21		7.3	1435	430	8	98	268	7	400	101	435	<u>181</u>	0.1	2.3	1.9
ANG-22		6.9	1720	<u>630</u>	16	<u>141</u>	293	8	490	122	640	<u>62</u>	0.2	3.3	1.9
ANG-23		7.6	<u>2552</u>	300	12	65	695	23	430	242	<u>1115</u>	8	0.1	4.4	2.7
ANG-24		7.3	1176	590	32	<u>122</u>	158	21	420	88	400	16	0.06	1.8	1.6
ANG-25		7.6	1252	300	20	60	257	105	380	104	300	7	0.1	2.1	0.9
ANG-26		7.3	1866	330	16	69	409	21	470	371	430	<u>105</u>	0.2	2.7	1
ANG-27		6.9	<u>2570</u>	<u>850</u>	40	<u>180</u>	476	8	390	138	<u>1265</u>	38	0.4	1.6	1
ANG-28		7.3	1945	440	20	93	471	8	450	144	775	12	0.3	1.3	1.2
ANG-29		7.4	1208	360	20	74	296	10	340	136	375	2.1	0.4	2.7	1
ANG-30		7.1	1216	270	16	55	360	7	500	210	85	35	0.3	4.6	1.1

\* All values are in mg/L except pH  
 \* Concentrations above acceptable limits are in BOLD and above permissible limits are in BOLD and underlined  
 \* Amended in 2015

### 5.2.2 Heavy metals

Groundwater samples collected during post-monsoon and pre-monsoon seasons were compared with the acceptable and permissible limits of drinking water specification BIS10500:2015 (Table 5.4 and Table 5.5, respectively). The results show that more than 50% of the collected samples had higher Aluminium concentrations than the acceptable limits. Iron was detected above acceptable limits in two samples (ANG-6, ANG-12) of post-monsoon and five samples (ANG-4, ANG-6, ANG-12, ANG-22, ANG-29) of pre-monsoon season. Manganese was detected above acceptable limits in three samples (ANG-4, ANG-24 and ANG-27) of post-monsoon and four samples (ANG-12, ANG-22, ANG-24, ANG-27) of pre-monsoon season. Zinc was higher than the acceptable limit in ANG-12 in both seasons. Lead was also detected in five samples (ANG-6, ANG-9, ANG-12, 1 ANG-7, ANG-19) of post-monsoon and one sample (ANG-12) of pre-monsoon season. Nickel was detected above acceptable limits in all the samples except ANG-6 of post-monsoon season; however, in the pre-monsoon season, Nickel was not detected in any of the samples. Parameters of concern, namely Arsenic, Cadmium, Chromium, Lead and Mercury, were not detected in any sample. The study area has sandstone, and the presence of Al in a few samples can be due to the Al bearing plagioclase and Biotite minerals in the sandstone.



Table 5.4: Concentration of trace element in groundwater (Post-monsoon October 2020)

Sr. No	Sample code	mg/L													
		As	Al	Ba	Cd	Cr	Cu	Fe	Mn	Ni	Pb	Zn	Hg		
BIS 10500:2012	Acceptable Limit	0.01	0.03	0.7	0.003	0.05	0.05	1.0	0.10	0.02	0.01	5.0	0.001		
	Permissible Limit	<u>0.05</u>	<u>0.2</u>	NR	NR	NR	<u>1.5</u>	NR	<u>0.3</u>	NR	NR	<u>15</u>	NR		
ICP detection Limit		0.007	0.00001	0.0001	0.0001	NR	0.0004	0.0003	0.0001	0.005	0.009	0.001	0.057		
1	ANG-1	0.005	0.01	0.02	0.001	0.01	ND	0.001	0.01	<u>0.1</u>	0.01	0.01	ND		
2	ANG-2	0.003	0.02	0.05	0.001	BDL	ND	0.01	0.01	<u>0.1</u>	0.01	0.01	ND		
3	ANG-4	0.002	0.004	0.1	0.001	BDL	BDL	0.01	<u>0.5</u>	<u>0.04</u>	0.01	0.5	ND		
4	ANG-6	0.002	<u>0.2</u>	0.03	0.002	0.01	0.05	<u>1.5</u>	0.1	0.01	<u>0.01</u>	1	ND		
5	ANG-8	0.002	0.03	0.01	0.0001	BDL	ND	0.005	0.03	<u>0.03</u>	0.01	0.02	ND		
6	ANG-9	0.001	<u>0.1</u>	0.2	0.001	BDL	0.002	0.3	0.03	<u>0.05</u>	<u>0.01</u>	0.03	ND		
7	ANG-12	0.001	<u>0.06</u>	0.06	0.001	BDL	0.03	<u>2.0</u>	0.1	<u>0.1</u>	<u>0.01</u>	<u>9.0</u>	ND		
8	ANG-14	0.002	<u>0.1</u>	0.03	0.0003	BDL	0.001	0.3	0.04	<u>0.2</u>	0.01	0.02	ND		
9	ANG-17	0.003	<u>0.1</u>	0.03	0.0003	BDL	0.0005	0.3	0.03	<u>0.04</u>	<u>0.01</u>	0.02	ND		
10	ANG-19	0.004	<u>0.09</u>	0.01	0.0004	BDL	ND	0.6	0.01	<u>0.04</u>	<u>0.01</u>	0.02	ND		
11	ANG-22	0.002	0.01	0.02	0.0003	ND	0.003	0.1	0.1	<u>0.03</u>	0.01	0.8	ND		
12	ANG-24	0.003	0.03	0.4	0.0003	BDL	0.001	0.4	<u>2.5</u>	<u>0.03</u>	0.01	0.03	ND		
13	ANG-27	0.003	<u>0.04</u>	0.04	0.0003	BDL	BDL	0.3	<u>0.4</u>	<u>0.1</u>	0.01	0.6	ND		
14	ANG-28	0.002	<u>0.1</u>	0.01	0.0002	ND	ND	0.2	0.1	<u>0.1</u>	0.01	0.01	ND		
15	ANG-29	0.002	0.001	0.01	0.0001	ND	ND	0.002	0.003	<u>0.1</u>	0.01	ND	ND		
16	ANG-30	0.002	0.01	0.01	0.0001	ND	ND	0.0004	0.02	<u>0.1</u>	0.01	0.003	ND		

• ND- Not Detected, BDL- Below Detection Limit, NR-No relaxation, All values are in ppm (mg/L)  
 • Concentrations above acceptable limits are in BOLD and above permissible limits are in BOLD and underlined



Table 5.5: Concentration of trace elements the groundwater samples collected during pre-monsoon (May 2021)

Sr. No	Sample code	As	Al	Ba	Cd	Cr	Cu	Fe	Mn	Ni	Pb	Zn	Hg
BIS 10500:2012	Acceptable Limit	0.01	0.03	0.7	0.003	0.05	0.05	1.0	0.10	0.02	0.01	5.0	0.001
	Permissible Limit	0.05	0.2	NR	NR	NR	1.5	NR	0.3	NR	NR	15	NR
ICP detection Limit (ppm)		0.007	0.00001	0.0001	0.0001	0.01	0.0004	0.0003	0.0001	0.005	0.009	0.001	0.000001
1	ANG-1	ND	0.14	0.128	0.001	BDL	0.018	0.291	0.035	ND	BDL	0.077	ND
2	ANG-2	BDL	0.40	0.129	ND	BDL	0.014	0.294	0.035	ND	BDL	0.071	ND
3	ANG-4	ND	0.181	0.121	ND	0.024	0.057	28	0.807	ND	0.01	1.544	ND
4	ANG-6	BDL	0.70	0.118	ND	BDL	0.037	3.01	0.089	ND	0.01	0.904	ND
5	ANG-8	ND	0.52	0.126	0.001	BDL	0.021	0.412	0.064	ND	BDL	0.175	ND
6	ANG-9	BDL	0.35	0.239	ND	BDL	0.016	0.38	0.031	ND	BDL	0.103	ND
7	ANG-12	ND	0.36	0.175	0.001	BDL	0.317	14.0	0.176	ND	0.011	8.852	ND
8	ANG-14	BDL	0.30	0.097	ND	0.021	0.015	1.0	0.058	ND	ND	0.096	ND
9	ANG-17	BDL	0.60	0.102	ND	BDL	0.021	0.77	0.047	ND	BDL	0.09	ND
10	ANG-19	ND	0.182	0.050	ND	BDL	0.01	0.124	0.02	ND	0.01	0.055	ND
11	ANG-22	ND	0.131	0.083	ND	BDL	0.057	8.2	0.209	ND	BDL	2.296	ND
12	ANG-24	BDL	0.16	0.498	ND	BDL	0.013	0.233	2.12	ND	BDL	0.098	ND
13	ANG-27	ND	0.31	0.138	ND	BDL	0.019	0.474	0.434	ND	BDL	0.136	ND
14	ANG-28	BDL	0.46	0.127	ND	BDL	0.023	0.506	0.062	ND	BDL	0.182	ND
15	ANG-29	BDL	0.25	0.126	ND	BDL	0.016	1.1	0.092	ND	BDL	0.078	ND
16	ANG-30	ND	0.194	0.115	ND	BDL	0.017	0.211	0.041	ND	ND	0.079	ND

\* ND- Not Detected, BDL- Below Detection Limit, NR-No relaxation, All values are in ppm (mg/L)

\* Concentrations above acceptable limits are in BOLD and above permissible limits are in BOLD and underlined

### 5.2.3 Chemical Oxygen Demand (COD)

The COD values in samples (4 nos) located outside the TSDF premises (within 10 km radius) varied from 9 mg/L to 30 mg/L (Table 5.6).

**Table 5.6: COD in targeted samples (May 2021)**

Sr. No.	Sample Code	Chemical Oxygen Demand (COD) (mg/L)
1	ANG - 2	9
2	ANG - 17	16
3	ANG - 25	30
4	ANG - 26	11

### 5.2.4 Groundwater classification

The groundwater classification is done with the help of the piper diagram. The piper diagrams of post-monsoon (Figure 5.6) and pre-monsoon (Figure 5.7) seasons indicate that most of the samples have dominance of sodium-potassium and chloride ions, and the water is sodium-chloride type. Few samples viz. ANG-7, ANG-8, ANG-13 show no dominance of any ion and is mixed type water. The plot of the post-monsoon season shows that more than 70% of the samples are sodium-chloride type (seawater intruded) water. Few samples ANG-12, ANG-14, ANG-15 and ANG-22 showed calcium chloride type water (no saltwater intrusion).

In order to study the source of salinization in groundwater samples, the chloride/bicarbonate ratio has been estimated for the groundwater samples of both seasons. The  $Cl^-/HCO_3^-$  ratio has been used as an indicator to determine the effect of seawater on the groundwater samples. It is reported (Shin et al., 2020; Revelle, 1941) that a higher ratio of  $Cl^-/HCO_3^-$  is indicative of the effect of seawater on the groundwater resource (Table 5.7).

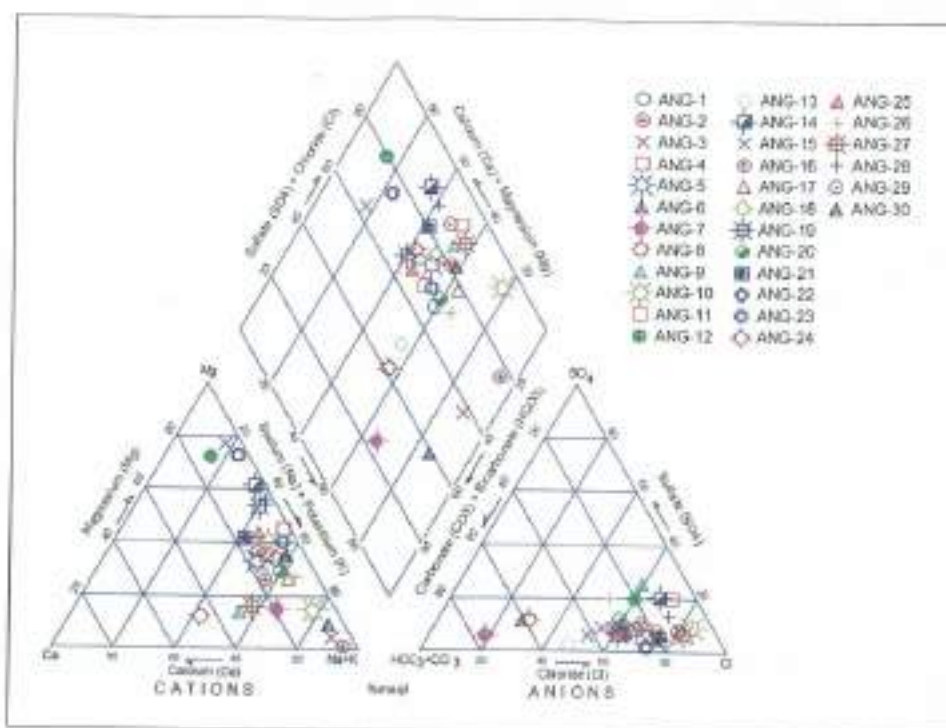


Figure 5.6: Piper Diagram for the groundwater samples of post-monsoon season (October 2020)

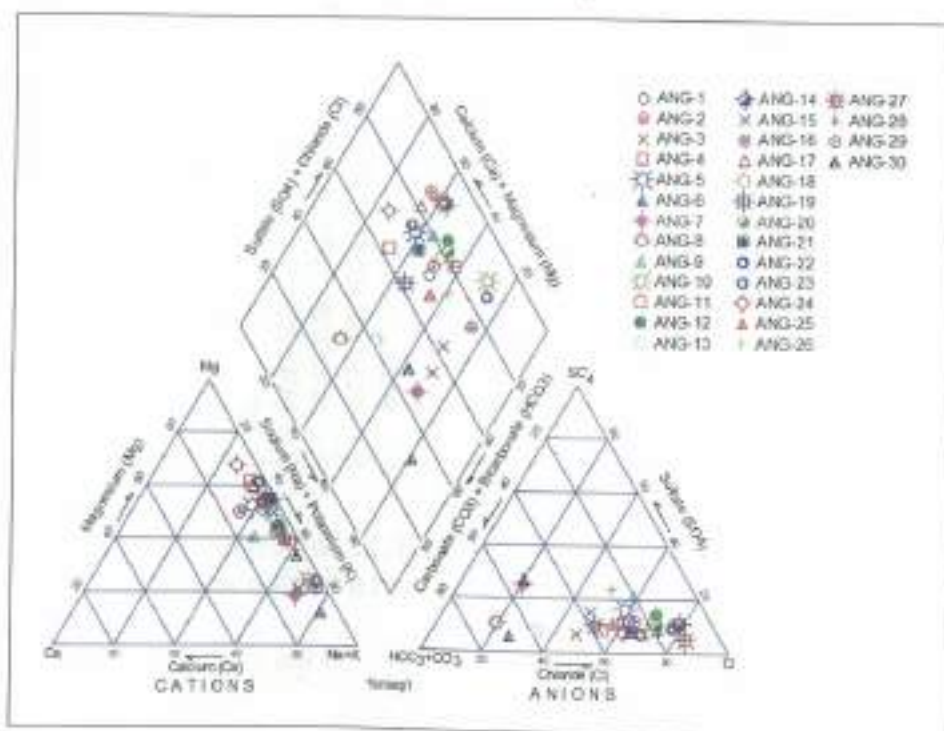
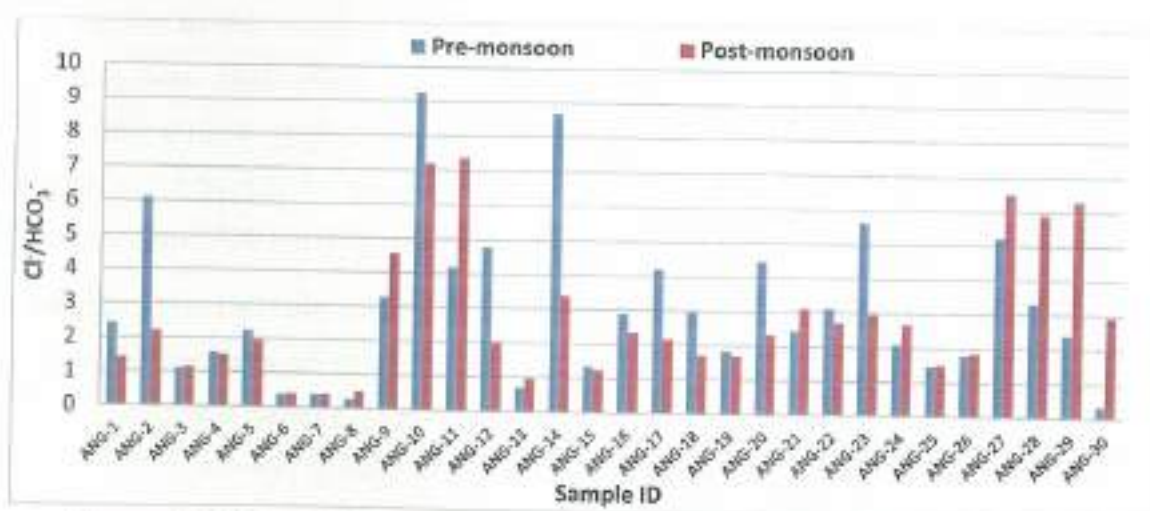


Figure 5.7: Piper Diagram for the groundwater samples of pre-monsoon season (May 2021)

**Table 5.7: Effect of sea water based on  $\text{Cl}^-/\text{HCO}_3^-$  (Shin et al, 2020; Revelle, 1941)**

$\text{Cl}^-/\text{HCO}_3^-$ ratio	Effect of seawater
0-0.5	No effect
0.5-1.3	Slight effect
1.3-2.8	Moderate
2.8-6.6	Severe effect
6.6 or more	Seawater

The  $\text{Cl}^-/\text{HCO}_3^-$  ratio of pre-monsoon and post-monsoon seasons was compared (Figure 5.8). The results show that the effect of saltwater intrusion is higher in pre-monsoon samples as compared to the post-monsoon. Most of the samples had a higher  $\text{Cl}^-/\text{HCO}_3^-$  ratio in the pre-monsoon season as compared to the post-monsoon except ANG-3, ANG-6, ANG-7, ANG-8. Samples namely; ANG-1, ANG-4, ANG-5, ANG-16, ANG-17, ANG-18, ANG-19, ANG-24, ANG-25, ANG-26 had moderate seawater intrusion. Significant effect of seawater intrusion was observed in ANG-9, ANG-10, ANG-11, ANG-12, ANG-27, ANG-28, and ANG-29 in both seasons.



**Figure 5.8: Comparison of  $\text{Cl}^-/\text{HCO}_3^-$  molar ratio of groundwater samples collected during pre-monsoon and post-monsoon**

### 5.3 Surface water quality

Surface water samples (4nos) were collected in the study area. Detailed surface water quality results are presented in Table 5.8.

### 5.3.1 Physico-chemical Parameters

**pH:** pH during pre-monsoon and the post-monsoon season was in the range of 7.6-8.1 and 7.9-8.3, respectively.

**TDS:** TDS of surface water samples in the pre-monsoon and post-monsoon seasons was in the range of 232 to 29102 mg/L and 263 to 19740 mg/L, respectively. TDS in the upstream of Narmada River (Approx. 55 Km u/s from the mouth) was 263 mg/L (post-monsoon) and 232 mg/L (pre-monsoon); however, TDS in Narmada river at approximately 10 km D/S of Bharuch city (ANS-2) was 1985 mg/L (post-monsoon) and 1864 mg/L (pre-monsoon). In the Post-monsoon season (October 2020), *ANS-1 was collected from the vicinity of the creek during the low TIDE conditions, hence the low TDS (19740 mg/L) as compared to the typical TDS observed in seawater samples (35,000 mg/L- 50,000 mg/L)*. In the pre-monsoon (May 2021) TDS of ANS-1 was observed to be 29102 mg/L. TDS in ANS-1 (Narmada River in the Bharuch city) was 371 mg/L (post-monsoon) and 302 mg/L (pre-monsoon).

**Sodium:** The concentration of sodium in the pre-monsoon and post-monsoon season was in the range of 48 mg/L to 7220 mg/L. Total Hardness of ANS-1 (creek sample) was 7220 mg/L (pre-monsoon) and 6551 mg/L (post-monsoon). In the upstream sample (ANS-3), it was 48 mg/L (pre-monsoon) and 67.4 mg/L (post-monsoon), however in the downstream sample (ANS-2), it was 534 mg/L (pre-monsoon) and 588 mg/L (post-monsoon).

**Chloride:** The chloride concentration in the pre-monsoon and post-monsoon season was in the range of 25 to 18900 mg/L and 40-890 mg/L, respectively. The Chloride in the upstream sample (ANS-3) was 80 mg/L (post-monsoon) and 25 mg/L (pre-monsoon). However, it was 40 mg/L (post-monsoon) and 875 mg/L (pre-monsoon) in the downstream sample (ANS-2).

**Sulphate:** The sulphate concentration in the pre-monsoon and post-monsoon season was in the range of 8.2 to 2105 mg/L and 13 to 530 mg/L, respectively.

**Nitrate:** The Nitrate concentration in the pre-monsoon and post-monsoon season was in the range of 0 to 4 mg/L and 10.5 to 362 mg/L, respectively.

**Total Hardness:** The Total Hardness in the pre-monsoon and post-monsoon season was in the range of 140 to 5620 mg/L and 200 to 3680 mg/L, respectively. Total



Hardness of ANS-1 (creek sample) was 5620 mg/L (pre-monsoon) and 3680 mg/L (post-monsoon). In the upstream sample (ANS-3), it was 140 mg/L (pre-monsoon) and 200 mg/L (post-monsoon); however in the downstream sample (ANS-2), it was 350 mg/L (pre-monsoon) and 480 mg/L (post-monsoon).

**Bromide:** Bromide in the pre-monsoon season was below 1 mg/L, and in post monsoon season, it is in the range of 0-3.5 mg/L.

**Table 5.8: Cations/anions concentration in surface water (October 2020, May 2021)**

Sample Code	pH	TDS	Total Hardness as CaCO <sub>3</sub>	Calcium as Ca <sup>2+</sup>	Magnesium Mg <sup>2+</sup>	Sodium	Potassium	Total alkalinity as CaCO <sub>3</sub>	Chloride	Sulphate	Nitrate NO <sub>3</sub> <sup>-</sup>	Phosphate as PO <sub>4</sub> <sup>3-</sup>	Bromide Br <sup>-</sup>
Unit	-	mg/L											
<b>Surface Water Quality</b>													
<b>Post-monsoon (October 2020)</b>													
ANS-1	7.9	19740	3680	200	763	6551	405	110	890	2105	362	1.8	1.5
ANS-2	8.3	1985	480	100	55	588	45.3	140	40	96	65.4	2.2	0.9
ANS-3	8.3	263	200	24	19	67.4	4.1	162	80	8.2	10.9	1.1	ND
ANS-4	8.1	371	250	52	29	99.7	5.3	170	368	16	10.5	1.1	0.6
<b>Pre-monsoon (May 2021)</b>													
ANS-1	7.6	29102	5620	236	1207	7220	550	120	18900	530	ND	2	1.3
ANS-2	7.8	1864	350	16	74	534	58	220	875	122	4	2	3.2
ANS-3	8.1	232	140	12	26	48	5	160	25	13	3	1.3	1
ANS-4	7.9	302	150	16	26	54	6	170	30	16	3.5	1.4	1.4

ND-Not Detected

#### 5.4 Leachate quality

The physico-chemical (Table 5.9) and Heavy metal concentration (Table 5.10) of the leachate samples indicate that the TDS is very high in the leachate samples. However, the heavy metal concentration is not significant. It needs to be mentioned that the leachate is not being used for any other purpose (like domestic/drinking), It is treated in the MEE, and the salt is sent to the TSDF site.



Table 5.9: Cations/anions concentration in leachate (October 2020, May 2021)

Sample Code	pH	TDS	Total Hardness as CaCO <sub>3</sub>	Calcium as Ca <sup>2+</sup>	Magnesium Mg <sup>2+</sup>	Sodium	Potassium	Total alkalinity as CaCO <sub>3</sub>	Chloride	Sulphate	Nitrate NO <sub>3</sub> <sup>-</sup>	Phosphate as PO <sub>4</sub> <sup>-3</sup>	Bromide Br <sup>-</sup>
Unit	-							mg/L					
Leachate Samples													
Post-monsoon (October 2020)													
ANL-1	7.7	87600	1520	180	353	26185	1511	2000	42137	11433	123	349	ND
ANL-2	7.3	111700	2980	344	509	39083	2082	3130	60331	16786	251	614	ND
Pre-monsoon (May 2021)													
ANL-1	7.7	81700	2200	236	386	33502	1850	3410	61320	5501	500	139	ND
ANL-2	7.4	111100	3240	396	540	52475	2460	4500	99065	5030	608	273	ND

ND-Not Detected

Table 5.10: Concentration of trace element in leachate (October 2020, May 2021)

Sr. No	Sample code	As	Al	Ba	Cd	Cr	Cu	Fe	Mn	Ni	Pb	Zn	Hg
Unit		mg/L											
ICP detection Limit (ppm)													
		0.007	0.00001	0.0001	0.0001	0.01	0.0004	0.0003	0.0001	0.005	0.009	0.001	0.000001
Post-Monsoon (October 2020)													
1.	ANL-1	0.001	0.01	0.1	0.001	BDL	ND	0.5	0.06	0.1	BDL	0.04	ND
2.	ANL-2	0.004	0.02	0.2	0.002	ND	ND	0.2	3	0.4	BDL	0.1	ND
Pre-monsoon (May 2021)													
3.	ANL-1	0.05	0.05	0.041	0.008	0.025	0.005	2.2	2.9	0.13	BDL	0.026	ND
4.	ANL-2	0.012	0.076	0.050	0.011	0.029	0.031	0.607	21	0.37	BDL	0.913	ND

ND-Not Detected, BDL- Below Detection Limit

## 5.5 Groundwater Flow Modelling and Pathlines simulation by MODPATH

A steady-state groundwater flow for the watershed surrounding the TSDF site has been simulated using the VisualModflow Flex (7.0). The simulation has been made for 1825 days (5 years). The model is calibrated for steady-state conditions (Figure 5.9). The prediction scenario has been simulated to infer the movement of pathlines over a period of 05 years, 10 years, 20 years, and 50 years (Figure 5.10, Figure 5.11, Figure 5.12, Figure 5.13, respectively). The particle tracking simulation indicates that the groundwater flow pathlines are in the indicated directions and travel for approximately 340m for a simulation of 50 years. It is necessary that the BEIL need to have monitoring wells in the zone indicated (Figure 5.13). Wells located in the indicated zone should be monitored in future.

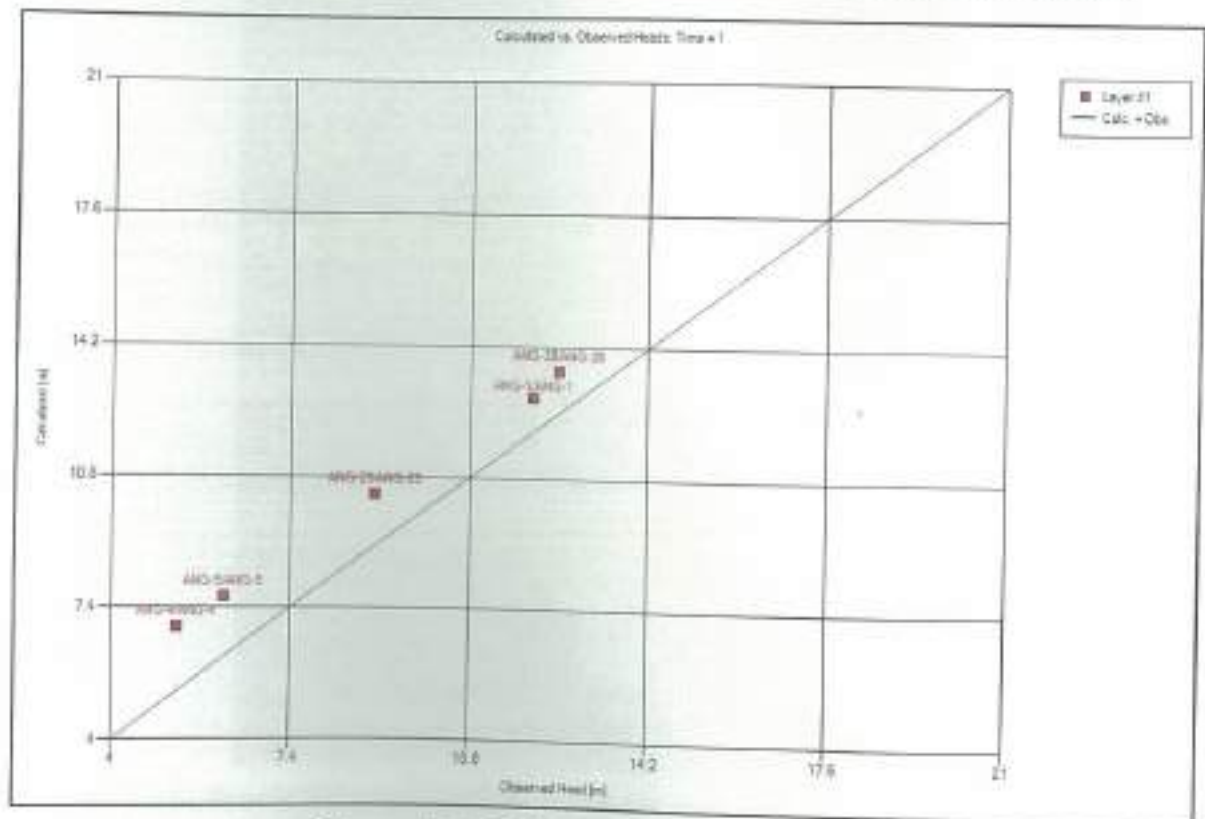


Figure 5.9: Calibration of the model

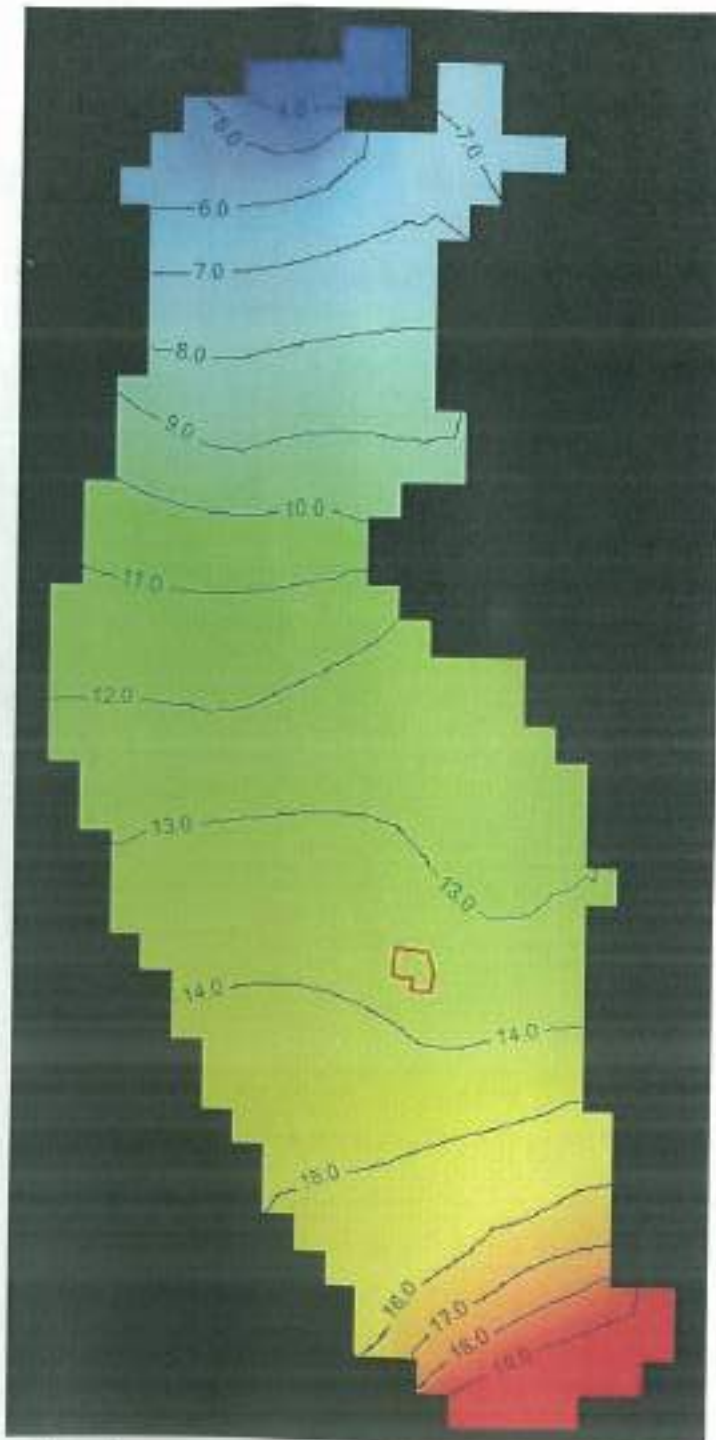


Figure 5.10: Predicted groundwater head for affected aquifer over a period of 5 years

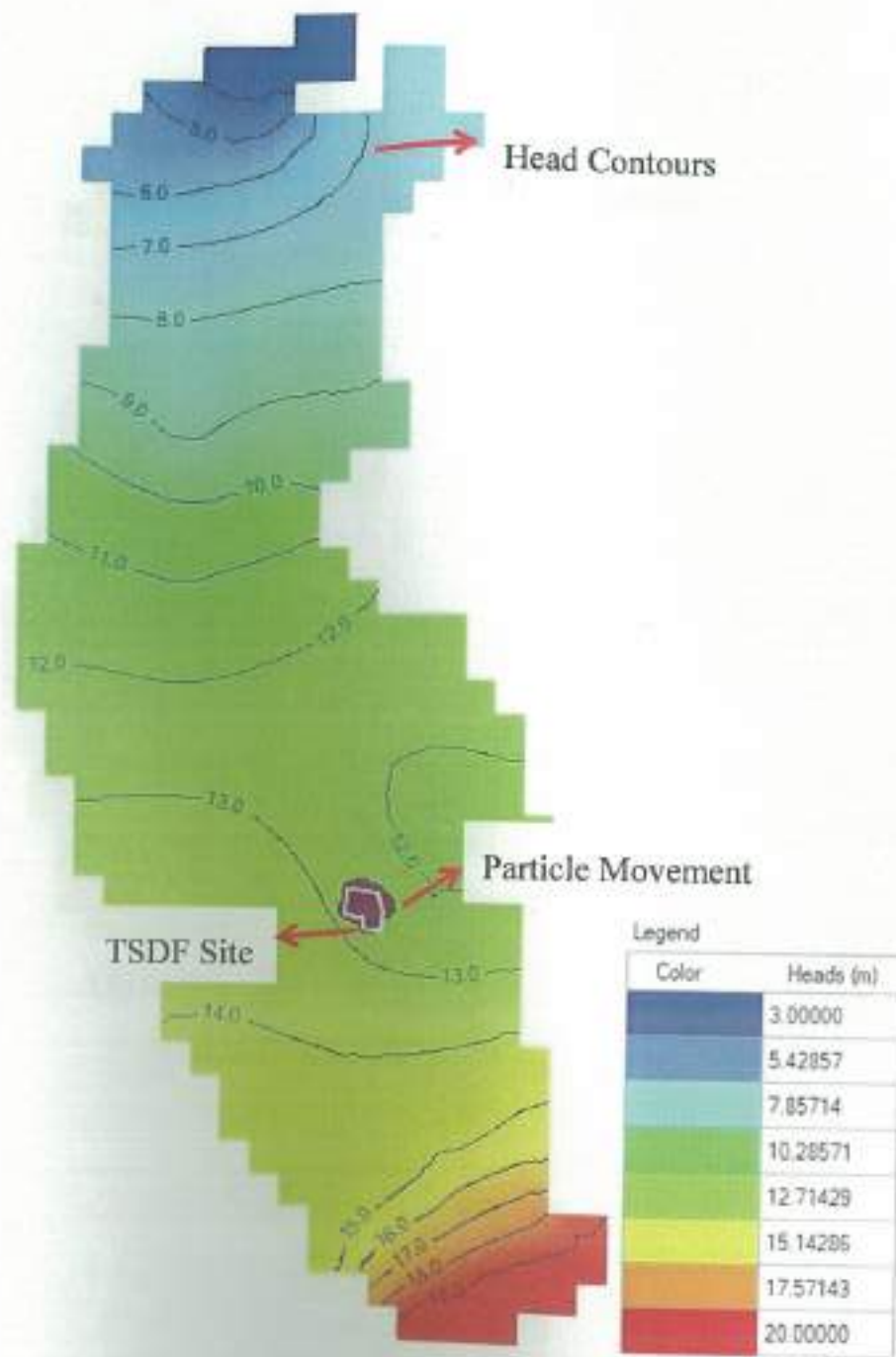


Figure 5.11: Predicted particle movement over a period of 10 years

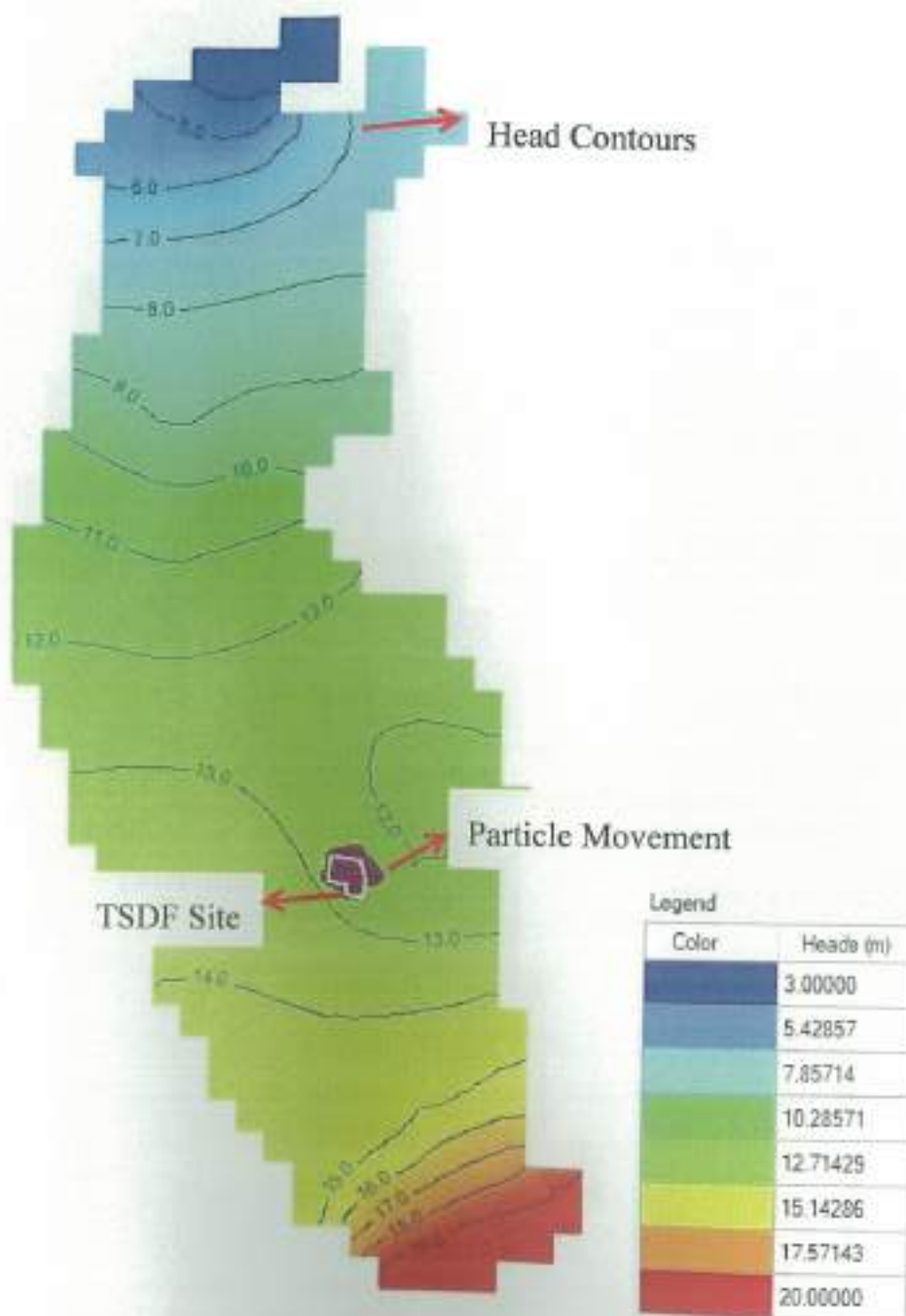


Figure 5.12: Predicted particle movement over a period of 20 years

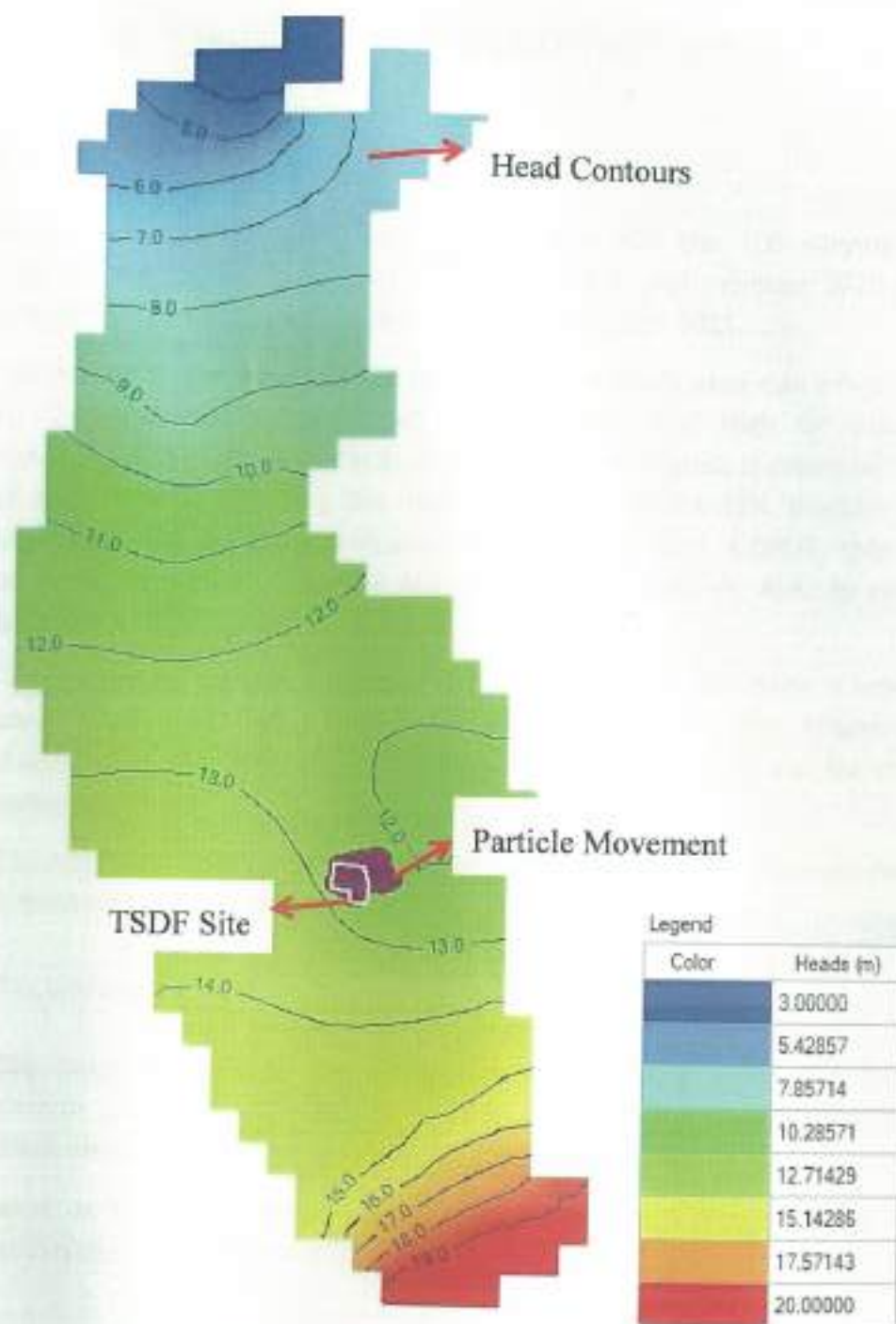


Figure 5.13: Predicted particle movement over a period of 50 years

## Chapter 6: Findings & Recommendations

### 6.1 Findings

- i) The groundwater chemistry indicates salinity with the TDS varying in the range 240 mg/L (ANG-7) to 4220 mg/L (ANG-11) in post-monsoon 2020 and 423 mg/L (ANG-7) to 3792 mg/L (ANG-14) in pre-monsoon 2021.
- ii) The salinity in the groundwater samples in the study area can be attributed to the Seawater intrusion, as evident from the High Br values. Br concentration exceeding 1 indicative of seawater ingress is observed in most of the samples, including the monitoring wells in the BEIL premises. It is also supported by other indicators like Cl/HCO<sub>3</sub> ratio. C/HCO<sub>3</sub> ratio > 1 is observed in samples, namely ANG-27, ANG-28, ANG-29, ANG-30 collected from the BEIL premises.
- iii) The Leachate samples collected from the BEIL do not have a significant concentration of Heavy metals of concern, like As, Hg. However, the leachate has very high TDS. It is being treated in the MEE, and the sludge is being landfilled.
- iv) The monitoring data indicate that the TSDF site operation does not have any impact on the groundwater quality.

### 6.2 Recommendations:

- BEIL need to continue the monitoring of the wells in its premises. The analysis should include COD, Br in addition to the major cations/anions and trace elements.
- Based on the MODPATH simulation, BEIL should also monitor wells located within the region indicated.





## References

- APHA (2017), Standard methods for the examination of water and Wastewater, Washington, D.C.
- Bureau of Indian Standards 10005:2012, Indian standard drinking water specifications (Second revision), Amendment number 1, June 2015.
- Central Pollution Control Board (2001), Criteria for hazardous waste landfills (Hazardous waste management series (HAZWAMS/17/2000-01)
- McDonald, M.G., and A.W. Harbaugh, 1984. A modular three dimensional finite difference groundwater flow model, U.S. Geological Survey Open-File Report 83-875.
- Pollock, D.W. (2012) User Guide for MODPATH Version 6—A Particle-Tracking Model for MODFLOW: U.S. Geological Survey Techniques and Methods 6-A41, 58 p.
- Revelle, R. (1941). Criteria for recognizing sea water in groundwater. American Geophysical Union Transactions, 22, 593-597.
- Shin, K., Koh, D.C., Jung, H., Lee, J. (2020), The Hydrogeochemical Characteristics of Groundwater Subjected to Seawater Intrusion in the Archipelago, Korea, Water , 12 (6)
- W.H.O. (2009), Bromide in Drinking-water Background document for development of WHO Guidelines for Drinking-water Quality

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0354</b>
	Issue Date :	<b>30/10/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045</b>
		<b>Dated:19.04.2021</b>

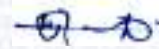
 Sampling Location : **EB-4 Up Stream**


Description of Sample :	<b>Ground Water sample</b>	Quantity/No. of Samples :	<b>05 Lit./One</b>
Date of Sampling :	<b>04/10/2021</b>	Sampling Procedure :	<b>IS:3025</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>QC/Env. Monitoring</b>
Sample Receipt Date :	<b>05/10/2021</b>	Lab ID. :	<b>BL/2110/04</b>
Packing/ Seal :	<b>Sealed</b>	Test Parameters :	<b>As per table</b>
Date of Starting of Test :	<b>05/10/2021</b>	Date of Completion of Test :	<b>14/10/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.03	IS 3025 (Part 11) 2019
2	Colour	Co-pt	10	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	5492	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.64	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	3570	IS 3025 (Part-16) 2019
7	TOC	mg/L	9.2	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	34	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1546	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	314	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.76	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1397	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	210	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	2.24	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.079	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.21	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.088	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.37	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	328	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)

Continue...

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

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

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



**TEST REPORT**

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0354</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location : **EB-4 Up Stream**

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	174.24	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	394	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	12	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	10.8	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list

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

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

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

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

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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

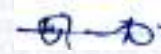
**M/s. BEIL INFRASTRUCTURE LIMITED .  
 PLOT NO.9701-16, GIDC ESTATE  
 POST BOX NO.82, ANKLESHWAR, 393002**

 Test Report No. : **PL/BL 0354**  
 Issue Date : **30/10/2021**  
 Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

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

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
32.1	Aldrin	µg/L	Absent	USEPA 508 1995
32.2	Dicofol	µg/L	Absent	
32.3	Dieldrin	µg/L	Absent	
32.4	Alpha Endosulfan	µg/L	Absent	
32.5	Beta Endosulfan	µg/L	Absent	
32.6	SulphateEndosulfan	µg/L	Absent	
32.7	Heptachlor	µg/L	Absent	USEPA 525.2 1995
32.8	Hexachlorobenzene (HCB)	µg/L	Absent	USEPA 508 1995
32.9	MethoxyChlor	µg/L	Absent	USEPA 525.2 1995
32.10	2,4 DDT	µg/L	Absent	USEPA 508 1995
32.11	2,4 DDD	µg/L	Absent	
32.12	4,4 DDE	µg/L	Absent	
32.13	4,4 DDT	µg/L	Absent	
32.14	Alpha-HCH	µg/L	Absent	
32.15	Beta-HCH	µg/L	Absent	
32.16	Gamma-HCH	µg/L	Absent	
32.17	σ-HCH	µg/L	Absent	
32.18	Chlorpyriphos	µg/L	Absent	USEPA 525.2 1995
32.19	Dimethoate	µg/L	Absent	
32.20	Ethion	µg/L	Absent	
32.21	Malathion	µg/L	Absent	
32.22	Monocrotophos	µg/L	Absent	
32.23	Parathion-Methyl	µg/L	Absent	
32.24	Phorate	µg/L	Absent	
32.25	Phosphamidon	µg/L	Absent	
32.26	Profenophos	µg/L	Absent	
32.27	Quinaphos	µg/L	Absent	
<b>Synthetic Pyrethroids(SPs)</b>				
32.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
32.29	Fenpropethrin	µg/L	Absent	
32.30	Fenvalerate	µg/L	Absent	
32.31	Alpha-Cypermethrin	µg/L	Absent	
32.32	Beta-Cyfluthrin	µg/L	Absent	
32.33	Cyhalothrin	µg/L	Absent	
<b>Herbicides</b>				
32.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
32.35	Butachlor	µg/L	Absent	
32.36	Fluchloralin	µg/L	Absent	
32.37	Pendimethalin	µg/L	Absent	

Pesticides:Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, SulphateEndosulfan: 0.1 µg/l, Heptachlor:100 µg/l,MethoxyChlor: 100 µg/l,Chlorpyriphos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l,Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, 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 &amp; conditions mentioned overleaf.

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .                  PLOT NO.9701-16, GIDC ESTATE                  POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0355</b>
	Issue Date :	<b>30/10/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045</b>
		<b>Dated:19.04.2021</b>

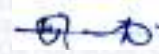
 Sampling Location : **EB5 Up Stream**

Description of Sample :	<b>Ground Water sample</b>	Quantity/No. of Samples :	<b>05 Lit./One</b>
Date of Sampling :	<b>04/10/2021</b>	Sampling Procedure :	<b>IS:3025</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>QC/Env. Monitoring</b>
Sample Receipt Date :	<b>05/10/2021</b>	Lab ID. :	<b>BL/2110/05</b>
Packing/ Seal :	<b>Sealed</b>	Test Parameters :	<b>As per table</b>
Date of Starting of Test :	<b>05/10/2021</b>	Date of Completion of Test :	<b>14/10/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.44	IS 3025 (Part 11) 2019
2	Colour	Hazen	5.0	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	3754	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.54	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	2450	IS 3025 (Part-16) 2019
7	TOC	mg/L	5.4	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	29	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	642	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	438	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.22	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	914	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	176	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	2.15	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.081	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.23	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.065	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.57	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	124	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)

Continue...

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

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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

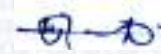
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0355</b>
	Issue Date :	<b>30/10/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045</b>
		<b>Dated:19.04.2021</b>

 Sampling Location : **EB5 Up Stream**
**RESULT TABLE**


SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	79.68	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	293	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	7.1	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	6.3	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

BDL\*: Below Detection Limit, Detection Limit : Pb : 0.005 mg/L, Cd : &lt; 0.002 mg/L, Cu : &lt; 0.02 mg/L, T. Cr : &lt; 0.025 mg/L, Hg : &lt; 0.0006 mg/L, Ni : &lt; 0.01 mg/L, CN : &lt; 0.001 mg/L, As : &lt; 0.005 mg/L, Ammonical nitrogen : &lt; 0.2 mg/L, Oil &amp; Grease : &lt; 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 &amp; conditions mentioned overleaf.

**TEST REPORT**

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

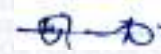
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0355</b>
	Issue Date :	<b>30/10/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045</b>
		<b>Dated:19.04.2021</b>

Sampling Location :	<b>EB5 Up Stream</b>
---------------------	----------------------


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
32.1	Aldrin	µg/L	Absent	USEPA 508 1995
32.2	Dicofol	µg/L	Absent	
32.3	Dieldrin	µg/L	Absent	
32.4	Alpha Endosulfan	µg/L	Absent	
32.5	Beta Endosulfan	µg/L	Absent	
32.6	SulphateEndosulfan	µg/L	Absent	
32.7	Heptachlor	µg/L	Absent	
32.8	Hexachlorobenzene (HCB)	µg/L	Absent	USEPA 508 1995
32.9	MethoxyChlor	µg/L	Absent	USEPA 525.2 1995
32.10	2,4 DDT	µg/L	Absent	USEPA 508 1995
32.11	2,4 DDD	µg/L	Absent	
32.12	4,4 DDE	µg/L	Absent	
32.13	4,4 DDT	µg/L	Absent	
32.14	Alpha-HCH	µg/L	Absent	
32.15	Beta-HCH	µg/L	Absent	
32.16	Gamma-HCH	µg/L	Absent	
32.17	σ-HCH	µg/L	Absent	
32.18	Chlorpyrifos	µg/L	Absent	USEPA 525.2 1995
32.19	Dimethoate	µg/L	Absent	
32.20	Ethion	µg/L	Absent	
32.21	Malathion	µg/L	Absent	
32.22	Monocrotophos	µg/L	Absent	
32.23	Parathion-Methyl	µg/L	Absent	
32.24	Phorate	µg/L	Absent	
32.25	Phosphamidon	µg/L	Absent	
32.26	Profenophos	µg/L	Absent	
32.27	Quinaphos	µg/L	Absent	
<b>Synthetic Pyrethroids(SPs)</b>				
32.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
32.29	Fenprothrin	µg/L	Absent	
32.30	Fenvalerate	µg/L	Absent	
32.31	Alpha-Cypermethrin	µg/L	Absent	
32.32	Beta-Cyfluthrin	µg/L	Absent	
32.33	Cyhalothrin	µg/L	Absent	
<b>Herbicides</b>				
32.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
32.35	Butachlor	µg/L	Absent	
32.36	Fluchloralin	µg/L	Absent	
32.37	Pendimethalin	µg/L	Absent	

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



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



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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0356</b>
	Issue Date :	<b>30/10/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>EB3 Down Stream (New)</b>
---------------------	------------------------------

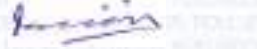
Description of Sample :	<b>Ground Water sample</b>	Quantity/No. of Samples :	<b>05 Lit./One</b>
Date of Sampling :	<b>04/10/2021</b>	Sampling Procedure :	<b>IS:3025</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>QC/Env. Monitoring</b>
Sample Receipt Date :	<b>05/10/2021</b>	Lab ID. :	<b>BL/2110/06</b>
Packing/ Seal :	<b>Sealed</b>	Test Parameters :	<b>As per table</b>
Date of Starting of Test :	<b>05/10/2021</b>	Date of Completion of Test :	<b>14/10/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.58	IS 3025 (Part 11) 2019
2	Colour	Hazen	5.0	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	2216	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.54	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	1440	IS 3025 (Part-16) 2019
7	TOC	mg/L	6.8	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	16	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	472	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	39.6	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.91	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	317	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	214	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	1.36	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.071	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.099	APHA (23rd Edition) 3500 Fe B 2017
25	Zinc as Zn	mg/L	0.16	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.63	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	92	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)

Continue...

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

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

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



## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0356</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location : **EB3 Down Stream (New)**

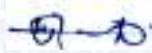
### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	58.08	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	294	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	8.94	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	3.6	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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.

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

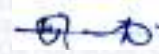
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0356</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---


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

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
32.1	Aldrin	µg/L	Absent	USEPA 508 1995
32.2	Dicofol	µg/L	Absent	
32.3	Dieldrin	µg/L	Absent	
32.4	Alpha Endosulfan	µg/L	Absent	
32.5	Beta Endosulfan	µg/L	Absent	
32.6	SulphateEndosulfan	µg/L	Absent	
32.7	Heptachlor	µg/L	Absent	USEPA 525.2 1995
32.8	Hexachlorobenzene (HCB)	µg/L	Absent	USEPA 508 1995
32.9	MethoxyChlor	µg/L	Absent	USEPA 525.2 1995
32.10	2,4 DDT	µg/L	Absent	USEPA 508 1995
32.11	2,4 DDD	µg/L	Absent	
32.12	4,4 DDE	µg/L	Absent	
32.13	4,4 DDT	µg/L	Absent	
32.14	Alpha-HCH	µg/L	Absent	
32.15	Beta-HCH	µg/L	Absent	
32.16	Gamma-HCH	µg/L	Absent	
32.17	σ-HCH	µg/L	Absent	
32.18	Chlorpyrifos	µg/L	Absent	USEPA 525.2 1995
32.19	Dimethoate	µg/L	Absent	
32.20	Ethion	µg/L	Absent	
32.21	Malathion	µg/L	Absent	
32.22	Monocrotophos	µg/L	Absent	
32.23	Parathion-Methyl	µg/L	Absent	
32.24	Phorate	µg/L	Absent	
32.25	Phosphamidon	µg/L	Absent	
32.26	Profenophos	µg/L	Absent	
32.27	Quinaphos	µg/L	Absent	
<b>Synthetic Pyrethroids(SPs)</b>				
32.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
32.29	Fenproprithrin	µg/L	Absent	
32.30	Fenvalerate	µg/L	Absent	
32.31	Alpha-Cypermethrin	µg/L	Absent	
32.32	Beta-Cyfluthrin	µg/L	Absent	
32.33	Cyhalothrin	µg/L	Absent	
<b>Herbicides</b>				
32.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
32.35	Butachlor	µg/L	Absent	
32.36	Fluchloralin	µg/L	Absent	
32.37	Pendimethalin	µg/L	Absent	

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

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

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

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

**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 0357**  
 Issue Date : **30/10/2021**  
 Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

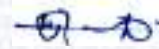
 Sampling Location : **HB2 Down Stream (New)**


Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>04/10/2021</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>05/10/2021</b>	Lab ID.	: <b>BL/2110/07</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>05/10/2021</b>	Date of Completion of Test	: <b>14/10/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.76	IS 3025 (Part 11) 2019
2	Colour	Co-pt	10	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	2158	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.76	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	1403	IS 3025 (Part-16) 2019
7	TOC	mg/L	6.1	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	20	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	418	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	412	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.90	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	327	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	158	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	1.43	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.22	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.38	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.51	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.47	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	86	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)

Continue...

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0357</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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


### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	48.72	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	324	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	14.2	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	4.1	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list



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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0357</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED	
32.1	Aldrin	µg/L	Absent	USEPA 508 1995	
32.2	Dicofol	µg/L	Absent		
32.3	Dieldrin	µg/L	Absent		
32.4	Alpha Endosulfan	µg/L	Absent		
32.5	Beta Endosulfan	µg/L	Absent		
32.6	SulphateEndosulfan	µg/L	Absent		
32.7	Heptachlor	µg/L	Absent		USEPA 525.2 1995
32.8	Hexachlorobenzene (HCB)	µg/L	Absent		USEPA 508 1995
32.9	MethoxyChlor	µg/L	Absent		USEPA 525.2 1995
32.10	2,4 DDT	µg/L	Absent		USEPA 508 1995
32.11	2,4 DDD	µg/L	Absent		
32.12	4,4 DDE	µg/L	Absent		
32.13	4,4 DDT	µg/L	Absent		
32.14	Alpha-HCH	µg/L	Absent		
32.15	Beta-HCH	µg/L	Absent		
32.16	Gamma-HCH	µg/L	Absent		
32.17	σ-HCH	µg/L	Absent		
32.18	Chlorpyrifos	µg/L	Absent	USEPA 525.2 1995	
32.19	Dimethoate	µg/L	Absent		
32.20	Ethion	µg/L	Absent		
32.21	Malathion	µg/L	Absent		
32.22	Monocrotophos	µg/L	Absent		
32.23	Parathion-Methyl	µg/L	Absent		
32.24	Phorate	µg/L	Absent		
32.25	Phosphamidon	µg/L	Absent		
32.26	Profenophos	µg/L	Absent		
32.27	Quinaphos	µg/L	Absent		
<b>Synthetic Pyrethroids(SPs)</b>					
32.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995	
32.29	Fenproprithrin	µg/L	Absent		
32.30	Fenvalerate	µg/L	Absent		
32.31	Alpha-Cypermethrin	µg/L	Absent		
32.32	Beta-Cyfluthrin	µg/L	Absent		
32.33	Cyhalothrin	µg/L	Absent		
<b>Herbicides</b>					
32.34	Alachlor	µg/L	Absent	USEPA 525.2 1995	
32.35	Butachlor	µg/L	Absent		
32.36	Fluchloralin	µg/L	Absent		
32.37	Pendimethalin	µg/L	Absent		

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

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

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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0358</b>
	Issue Date :	<b>30/10/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045</b>
		<b>Dated:19.04.2021</b>

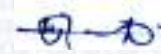
 Sampling Location : **HB5 Down Stream**

Description of Sample :	<b>Ground Water sample</b>	Quantity/No. of Samples :	<b>05 Lit./One</b>
Date of Sampling :	<b>04/10/2021</b>	Sampling Procedure :	<b>IS:3025</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>QC/Env. Monitoring</b>
Sample Receipt Date :	<b>05/10/2021</b>	Lab ID. :	<b>BL/2110/08</b>
Packing/ Seal :	<b>Sealed</b>	Test Parameters :	<b>As per table</b>
Date of Starting of Test :	<b>05/10/2021</b>	Date of Completion of Test :	<b>14/10/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.54	IS 3025 (Part 11) 2019
2	Colour	Hazen	5.0	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	2734	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.96	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	1777	IS 3025 (Part-16) 2019
7	TOC	mg/L	12.6	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	27	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	578	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	411	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.46	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	482	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	167	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	1.35	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.087	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.095	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.078	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.53	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	108	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)

Continue...

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0358</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **HB5 Down Stream**


### RESULT TABLE


SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	73.92	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	316	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	5.1	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	5.3	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list



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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

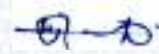
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0358</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **HB5 Down Stream**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
32.1	Aldrin	µg/L	Absent	USEPA 508 1995
32.2	Dicofol	µg/L	Absent	
32.3	Dieldrin	µg/L	Absent	
32.4	Alpha Endosulfan	µg/L	Absent	
32.5	Beta Endosulfan	µg/L	Absent	
32.6	SulphateEndosulfan	µg/L	Absent	
32.7	Heptachlor	µg/L	Absent	USEPA 525.2 1995
32.8	Hexachlorobenzene (HCB)	µg/L	Absent	USEPA 508 1995
32.9	MethoxyChlor	µg/L	Absent	USEPA 525.2 1995
32.10	2,4 DDT	µg/L	Absent	USEPA 508 1995
32.11	2,4 DDD	µg/L	Absent	
32.12	4,4 DDE	µg/L	Absent	
32.13	4,4 DDT	µg/L	Absent	
32.14	Alpha-HCH	µg/L	Absent	
32.15	Beta-HCH	µg/L	Absent	
32.16	Gamma-HCH	µg/L	Absent	
32.17	σ-HCH	µg/L	Absent	
32.18	Chlorpyrifos	µg/L	Absent	USEPA 525.2 1995
32.19	Dimethoate	µg/L	Absent	
32.20	Ethion	µg/L	Absent	
32.21	Malathion	µg/L	Absent	
32.22	Monocrotophos	µg/L	Absent	
32.23	Parathion-Methyl	µg/L	Absent	
32.24	Phorate	µg/L	Absent	
32.25	Phosphamidon	µg/L	Absent	
32.26	Profenophos	µg/L	Absent	
32.27	Quinaphos	µg/L	Absent	
<b>Synthetic Pyrethroids(SPs)</b>				
32.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
32.29	Fenproprithrin	µg/L	Absent	
32.30	Fenvalerate	µg/L	Absent	
32.31	Alpha-Cypermethrin	µg/L	Absent	
32.32	Beta-Cyfluthrin	µg/L	Absent	
32.33	Cyhalothrin	µg/L	Absent	
<b>Herbicides</b>				
32.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
32.35	Butachlor	µg/L	Absent	
32.36	Fluchloralin	µg/L	Absent	
32.37	Pendimethalin	µg/L	Absent	

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, SulphateEndosulfan: 0.1 µg/l, Heptachlor:100 µg/l,MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l,Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, 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.



**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**

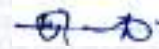
 Test Report No. : **PL/BL 0359**  
 Issue Date : **30/10/2021**  
 Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**


 Sampling Location : **HB4 Down Stream**

 Description of Sample : **Ground Water sample** Quantity/No. of Samples : **05 Lit./One**  
 Date of Sampling : **04/10/2021** Sampling Procedure : **IS:3025**  
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**  
 Sample Receipt Date : **05/10/2021** Lab ID. : **BL/2110/09**  
 Packing/ Seal : **Sealed** Test Parameters : **As per table**  
 Date of Starting of Test : **05/10/2021** Date of Completion of Test : **14/10/2021**
**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.52	IS 3025 (Part 11) 2019
2	Colour	Hazen	5.0	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	3014	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	1.16	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	1970	IS 3025 (Part-16) 2019
7	TOC	mg/L	11.4	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	32	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	492	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	454	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.88	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	449	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	157	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	1.66	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.077	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.098	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.084	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.51	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	98	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)

Continue...

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0359</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location : **HB4 Down Stream**

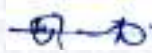
### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	59.28	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	229	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	4.31	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	6.8	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list



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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

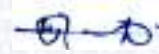
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0359</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **HB4 Down Stream**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED	
32.1	Aldrin	µg/L	Absent	USEPA 508 1995	
32.2	Dicofol	µg/L	Absent		
32.3	Dieldrin	µg/L	Absent		
32.4	Alpha Endosulfan	µg/L	Absent		
32.5	Beta Endosulfan	µg/L	Absent		
32.6	SulphateEndosulfan	µg/L	Absent		
32.7	Heptachlor	µg/L	Absent	USEPA 525.2 1995	
32.8	Hexachlorobenzene (HCB)	µg/L	Absent	USEPA 508 1995	
32.9	MethoxyChlor	µg/L	Absent	USEPA 525.2 1995	
32.10	2,4 DDT	µg/L	Absent	USEPA 508 1995	
32.11	2,4 DDD	µg/L	Absent		
32.12	4,4 DDE	µg/L	Absent		
32.13	4,4 DDT	µg/L	Absent		
32.14	Alpha-HCH	µg/L	Absent		
32.15	Beta-HCH	µg/L	Absent		
32.16	Gamma-HCH	µg/L	Absent		
32.17	σ-HCH	µg/L	Absent		
32.18	Chlorpyrifos	µg/L	Absent		USEPA 525.2 1995
32.19	Dimethoate	µg/L	Absent		
32.20	Ethion	µg/L	Absent		
32.21	Malathion	µg/L	Absent		
32.22	Monocrotophos	µg/L	Absent		
32.23	Parathion-Methyl	µg/L	Absent		
32.24	Phorate	µg/L	Absent		
32.25	Phosphamidon	µg/L	Absent		
32.26	Profenophos	µg/L	Absent		
32.27	Quinaphos	µg/L	Absent		
<b>Synthetic Pyrethroids(SPs)</b>					
32.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995	
32.29	Fenproprithrin	µg/L	Absent		
32.30	Fenvalerate	µg/L	Absent		
32.31	Alpha-Cypermethrin	µg/L	Absent		
32.32	Beta-Cyfluthrin	µg/L	Absent		
32.33	Cyhalothrin	µg/L	Absent		
<b>Herbicides</b>					
32.34	Alachlor	µg/L	Absent	USEPA 525.2 1995	
32.35	Butachlor	µg/L	Absent		
32.36	Fluchloralin	µg/L	Absent		
32.37	Pendimethalin	µg/L	Absent		

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

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

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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .                  PLOT NO.9701-16, GIDC ESTATE                  POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0360</b>
	Issue Date :	<b>30/10/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045</b>
		<b>Dated:19.04.2021</b>

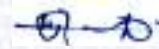
 Sampling Location : **HB7 Down Stream**


Description of Sample :	<b>Ground Water sample</b>	Quantity/No. of Samples :	<b>05 Lit./One</b>
Date of Sampling :	<b>04/10/2021</b>	Sampling Procedure :	<b>IS:3025</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>QC/Env. Monitoring</b>
Sample Receipt Date :	<b>05/10/2021</b>	Lab ID. :	<b>BL/2110/10</b>
Packing/ Seal :	<b>Sealed</b>	Test Parameters :	<b>As per table</b>
Date of Starting of Test :	<b>05/10/2021</b>	Date of Completion of Test :	<b>14/10/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.34	IS 3025 (Part 11) 2019
2	Colour	Co-pt	10	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	4409	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.81	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	2874	IS 3025 (Part-16) 2019
7	TOC	mg/L	12.7	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	42	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	622	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	455	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.14	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	908	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	329	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	1.58	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.070	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.093	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.17	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.68	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	144	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)

Continue...

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0360</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **HB7 Down Stream**


### RESULT TABLE


SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	62.88	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	403	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	6.2	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	9.7	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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.

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

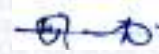
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0360</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **HB7 Down Stream**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
32.1	Aldrin	µg/L	Absent	USEPA 508 1995
32.2	Dicofol	µg/L	Absent	
32.3	Dieldrin	µg/L	Absent	
32.4	Alpha Endosulfan	µg/L	Absent	
32.5	Beta Endosulfan	µg/L	Absent	
32.6	SulphateEndosulfan	µg/L	Absent	
32.7	Heptachlor	µg/L	Absent	USEPA 525.2 1995
32.8	Hexachlorobenzene (HCB)	µg/L	Absent	USEPA 508 1995
32.9	MethoxyChlor	µg/L	Absent	USEPA 525.2 1995
32.10	2,4 DDT	µg/L	Absent	USEPA 508 1995
32.11	2,4 DDD	µg/L	Absent	
32.12	4,4 DDE	µg/L	Absent	
32.13	4,4 DDT	µg/L	Absent	
32.14	Alpha-HCH	µg/L	Absent	
32.15	Beta-HCH	µg/L	Absent	
32.16	Gamma-HCH	µg/L	Absent	
32.17	σ-HCH	µg/L	Absent	
32.18	Chlorpyrifos	µg/L	Absent	USEPA 525.2 1995
32.19	Dimethoate	µg/L	Absent	
32.20	Ethion	µg/L	Absent	
32.21	Malathion	µg/L	Absent	
32.22	Monocrotophos	µg/L	Absent	
32.23	Parathion-Methyl	µg/L	Absent	
32.24	Phorate	µg/L	Absent	
32.25	Phosphamidon	µg/L	Absent	
32.26	Profenophos	µg/L	Absent	
32.27	Quinaphos	µg/L	Absent	
<b>Synthetic Pyrethroids(SPs)</b>				
32.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
32.29	Fenproprithrin	µg/L	Absent	
32.30	Fenvalerate	µg/L	Absent	
32.31	Alpha-Cypermethrin	µg/L	Absent	
32.32	Beta-Cyfluthrin	µg/L	Absent	
32.33	Cyhalothrin	µg/L	Absent	
<b>Herbicides</b>				
32.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
32.35	Butachlor	µg/L	Absent	
32.36	Fluchloralin	µg/L	Absent	
32.37	Pendimethalin	µg/L	Absent	

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

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

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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .          PLOT NO.9701-16, GIDC ESTATE          POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0361</b>
	Issue Date :	<b>30/10/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045</b>
		<b>Dated:19.04.2021</b>

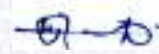
 Sampling Location : **EB9 Up Stream**

Description of Sample :	<b>Ground Water sample</b>	Quantity/No. of Samples :	<b>05 Lit./One</b>
Date of Sampling :	<b>04/10/2021</b>	Sampling Procedure :	<b>IS:3025</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>QC/Env. Monitoring</b>
Sample Receipt Date :	<b>05/10/2021</b>	Lab ID. :	<b>BL/2110/11</b>
Packing/ Seal :	<b>Sealed</b>	Test Parameters :	<b>As per table</b>
Date of Starting of Test :	<b>05/10/2021</b>	Date of Completion of Test :	<b>14/10/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.15	IS 3025 (Part 11) 2019
2	Colour	Co-pt	10	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	4082	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.52	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	3062	IS 3025 (Part-16) 2019
7	TOC	mg/L	14.2	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	58	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1078	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	391	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.68	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1071	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	225	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	1.63	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.068	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.17	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.081	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.56	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	204	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)

Continue...

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0361</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **EB9 Up Stream**


### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	136.32	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	324	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	3.30	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	15	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list



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

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

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

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

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

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



## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

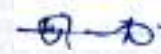
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0361</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location : **EB9 Up Stream**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
32.1	Aldrin	µg/L	Absent	USEPA 508 1995
32.2	Dicofol	µg/L	Absent	
32.3	Dieldrin	µg/L	Absent	
32.4	Alpha Endosulfan	µg/L	Absent	
32.5	Beta Endosulfan	µg/L	Absent	
32.6	SulphateEndosulfan	µg/L	Absent	
32.7	Heptachlor	µg/L	Absent	USEPA 525.2 1995
32.8	Hexachlorobenzene (HCB)	µg/L	Absent	USEPA 508 1995
32.9	MethoxyChlor	µg/L	Absent	USEPA 525.2 1995
32.10	2,4 DDT	µg/L	Absent	USEPA 508 1995
32.11	2,4 DDD	µg/L	Absent	
32.12	4,4 DDE	µg/L	Absent	
32.13	4,4 DDT	µg/L	Absent	
32.14	Alpha-HCH	µg/L	Absent	
32.15	Beta-HCH	µg/L	Absent	
32.16	Gamma-HCH	µg/L	Absent	
32.17	σ-HCH	µg/L	Absent	
32.18	Chlorpyrifos	µg/L	Absent	USEPA 525.2 1995
32.19	Dimethoate	µg/L	Absent	
32.20	Ethion	µg/L	Absent	
32.21	Malathion	µg/L	Absent	
32.22	Monocrotophos	µg/L	Absent	
32.23	Parathion-Methyl	µg/L	Absent	
32.24	Phorate	µg/L	Absent	
32.25	Phosphamidon	µg/L	Absent	
32.26	Profenophos	µg/L	Absent	
32.27	Quinaphos	µg/L	Absent	
<b>Synthetic Pyrethroids(SPs)</b>				
32.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
32.29	Fenprothrin	µg/L	Absent	
32.30	Fenvalerate	µg/L	Absent	
32.31	Alpha-Cypermethrin	µg/L	Absent	
32.32	Beta-Cyfluthrin	µg/L	Absent	
32.33	Cyhalothrin	µg/L	Absent	
<b>Herbicides</b>				
32.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
32.35	Butachlor	µg/L	Absent	
32.36	Fluchloralin	µg/L	Absent	
32.37	Pendimethalin	µg/L	Absent	

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

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

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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0362</b>
	Issue Date :	<b>30/10/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045</b>
		<b>Dated:19.04.2021</b>

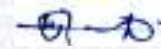
 Sampling Location : **EB10 Up Stream**


Description of Sample :	<b>Ground Water sample</b>	Quantity/No. of Samples :	<b>05 Lit./One</b>
Date of Sampling :	<b>04/10/2021</b>	Sampling Procedure :	<b>IS:3025</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>QC/Env. Monitoring</b>
Sample Receipt Date :	<b>05/10/2021</b>	Lab ID. :	<b>BL/2110/12</b>
Packing/ Seal :	<b>Sealed</b>	Test Parameters :	<b>As per table</b>
Date of Starting of Test :	<b>05/10/2021</b>	Date of Completion of Test :	<b>14/10/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.03	IS 3025 (Part 11) 2019
2	Colour	Co-pt	10	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	7834	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	5.10	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	5128	IS 3025 (Part-16) 2019
7	TOC	mg/L	16	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	72	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2116	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	355	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	4.14	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	2234	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	257	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	2.94	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.051	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.44	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.49	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.65	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	594	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)

Continue...

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0362</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **EB10 Up Stream**


### RESULT TABLE


SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	151.44	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	299	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	6.3	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	17.1	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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.

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

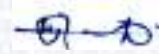
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0362</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location : **EB10 Up Stream**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
32.1	Aldrin	µg/L	Absent	USEPA 508 1995
32.2	Dicofol	µg/L	Absent	
32.3	Dieldrin	µg/L	Absent	
32.4	Alpha Endosulfan	µg/L	Absent	
32.5	Beta Endosulfan	µg/L	Absent	
32.6	SulphateEndosulfan	µg/L	Absent	
32.7	Heptachlor	µg/L	Absent	USEPA 525.2 1995
32.8	Hexachlorobenzene (HCB)	µg/L	Absent	USEPA 508 1995
32.9	MethoxyChlor	µg/L	Absent	USEPA 525.2 1995
32.10	2,4 DDT	µg/L	Absent	USEPA 508 1995
32.11	2,4 DDD	µg/L	Absent	
32.12	4,4 DDE	µg/L	Absent	
32.13	4,4 DDT	µg/L	Absent	
32.14	Alpha-HCH	µg/L	Absent	
32.15	Beta-HCH	µg/L	Absent	
32.16	Gamma-HCH	µg/L	Absent	
32.17	σ-HCH	µg/L	Absent	
32.18	Chlorpyrifos	µg/L	Absent	USEPA 525.2 1995
32.19	Dimethoate	µg/L	Absent	
32.20	Ethion	µg/L	Absent	
32.21	Malathion	µg/L	Absent	
32.22	Monocrotophos	µg/L	Absent	
32.23	Parathion-Methyl	µg/L	Absent	
32.24	Phorate	µg/L	Absent	
32.25	Phosphamidon	µg/L	Absent	
32.26	Profenophos	µg/L	Absent	
32.27	Quinaphos	µg/L	Absent	
<b>Synthetic Pyrethroids(SPs)</b>				
32.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
32.29	Fenproprithrin	µg/L	Absent	
32.30	Fenvalerate	µg/L	Absent	
32.31	Alpha-Cypermethrin	µg/L	Absent	
32.32	Beta-Cyfluthrin	µg/L	Absent	
32.33	Cyhalothrin	µg/L	Absent	
<b>Herbicides</b>				
32.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
32.35	Butachlor	µg/L	Absent	
32.36	Fluchloralin	µg/L	Absent	
32.37	Pendimethalin	µg/L	Absent	

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

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

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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0363</b>
	Issue Date :	<b>30/10/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045</b>
		<b>Dated:19.04.2021</b>

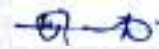
 Sampling Location : **EB11 Up Stream**


Description of Sample :	<b>Ground Water sample</b>	Quantity/No. of Samples :	<b>05 Lit./One</b>
Date of Sampling :	<b>04/10/2021</b>	Sampling Procedure :	<b>IS:3025</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>QC/Env. Monitoring</b>
Sample Receipt Date :	<b>05/10/2021</b>	Lab ID. :	<b>BL/2110/13</b>
Packing/ Seal :	<b>Sealed</b>	Test Parameters :	<b>As per table</b>
Date of Starting of Test :	<b>05/10/2021</b>	Date of Completion of Test :	<b>14/10/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.28	IS 3025 (Part 11) 2019
2	Colour	Co-pt	10	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	6548	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	18.2	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	12	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	4255	IS 3025 (Part-16) 2019
7	TOC	mg/L	21.6	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	82	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2054	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	397	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.54	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1312	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	246	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	2.17	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.087	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.19	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.053	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.71	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	428	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)

Continue...

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0363</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **EB11 Up Stream**


### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	236.16	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	307	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	7.9	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	24	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list



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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

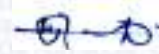
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0363</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **EB11 Up Stream**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
32.1	Aldrin	µg/L	Absent	USEPA 508 1995
32.2	Dicofol	µg/L	Absent	
32.3	Dieldrin	µg/L	Absent	
32.4	Alpha Endosulfan	µg/L	Absent	
32.5	Beta Endosulfan	µg/L	Absent	
32.6	SulphateEndosulfan	µg/L	Absent	
32.7	Heptachlor	µg/L	Absent	USEPA 525.2 1995
32.8	Hexachlorobenzene (HCB)	µg/L	Absent	USEPA 508 1995
32.9	MethoxyChlor	µg/L	Absent	USEPA 525.2 1995
32.10	2,4 DDT	µg/L	Absent	USEPA 508 1995
32.11	2,4 DDD	µg/L	Absent	
32.12	4,4 DDE	µg/L	Absent	
32.13	4,4 DDT	µg/L	Absent	
32.14	Alpha-HCH	µg/L	Absent	
32.15	Beta-HCH	µg/L	Absent	
32.16	Gamma-HCH	µg/L	Absent	
32.17	σ-HCH	µg/L	Absent	
32.18	Chlorpyrifos	µg/L	Absent	
32.19	Dimethoate	µg/L	Absent	
32.20	Ethion	µg/L	Absent	
32.21	Malathion	µg/L	Absent	
32.22	Monocrotophos	µg/L	Absent	
32.23	Parathion-Methyl	µg/L	Absent	
32.24	Phorate	µg/L	Absent	
32.25	Phosphamidon	µg/L	Absent	
32.26	Profenophos	µg/L	Absent	
32.27	Quinaphos	µg/L	Absent	
<b>Synthetic Pyrethroids(SPs)</b>				
32.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
32.29	Fenproprithrin	µg/L	Absent	
32.30	Fenvalerate	µg/L	Absent	
32.31	Alpha-Cypermethrin	µg/L	Absent	
32.32	Beta-Cyfluthrin	µg/L	Absent	
32.33	Cyhalothrin	µg/L	Absent	
<b>Herbicides</b>				
32.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
32.35	Butachlor	µg/L	Absent	
32.36	Fluchloralin	µg/L	Absent	
32.37	Pendimethalin	µg/L	Absent	

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, SulphateEndosulfan: 0.1 µg/l, Heptachlor:100 µg/l,MethoxyChlor: 100 µg/l,Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l,2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l,Alachlor:0.1 µg/l, Butachlor: 0.1µg/l,Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l,Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l,Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, 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.

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0364</b>
	Issue Date : <b>30/10/2021</b>
	Customer's Ref. : <b>W.O.No. 8521220045</b>
	Dated: <b>19.04.2021</b>

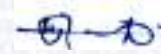
 Sampling Location : **HB1 Up Stream**

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>04/10/2021</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>05/10/2021</b>	Lab ID.	: <b>BL/2110/14</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>05/10/2021</b>	Date of Completion of Test	: <b>14/10/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.26	IS 3025 (Part 11) 2019
2	Colour	Hazen	5.0	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	5278	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.84	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	3432	IS 3025 (Part-16) 2019
7	TOC	mg/L	7.3	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	31	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1392	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	426	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	1.43	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1411	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	163	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	1.21	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.092	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.098	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.45	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.56	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	254	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)

Continue...

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

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

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



## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0364</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **HB1 Up Stream**


### RESULT TABLE


SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	181.68	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	394	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	5.2	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	8.6	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list



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

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

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

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

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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

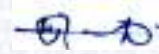
**M/s. BEIL INFRASTRUCTURE LIMITED .  
 PLOT NO.9701-16, GIDC ESTATE  
 POST BOX NO.82, ANKLESHWAR, 393002**


 Test Report No. : **PL/BL 0364**  
 Issue Date : **30/10/2021**  
 Customer's Ref. : **W.O.No. 8521220045**  
 Dated: **19.04.2021**

 Sampling Location : **HB1 Up Stream**
**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED	
32.1	Aldrin	µg/L	Absent	USEPA 508 1995	
32.2	Dicofol	µg/L	Absent		
32.3	Dieldrin	µg/L	Absent		
32.4	Alpha Endosulfan	µg/L	Absent		
32.5	Beta Endosulfan	µg/L	Absent		
32.6	Sulphate Endosulfan	µg/L	Absent		
32.7	Heptachlor	µg/L	Absent		USEPA 525.2 1995
32.8	Hexachlorobenzene (HCB)	µg/L	Absent		USEPA 508 1995
32.9	MethoxyChlor	µg/L	Absent		USEPA 525.2 1995
32.10	2,4 DDT	µg/L	Absent		USEPA 508 1995
32.11	2,4 DDD	µg/L	Absent		
32.12	4,4 DDE	µg/L	Absent		
32.13	4,4 DDT	µg/L	Absent		
32.14	Alpha-HCH	µg/L	Absent		
32.15	Beta-HCH	µg/L	Absent		
32.16	Gamma-HCH	µg/L	Absent		
32.17	σ-HCH	µg/L	Absent		
32.18	Chlorpyrifos	µg/L	Absent	USEPA 525.2 1995	
32.19	Dimethoate	µg/L	Absent		
32.20	Ethion	µg/L	Absent		
32.21	Malathion	µg/L	Absent		
32.22	Monocrotophos	µg/L	Absent		
32.23	Parathion-Methyl	µg/L	Absent		
32.24	Phorate	µg/L	Absent		
32.25	Phosphamidon	µg/L	Absent		
32.26	Profenophos	µg/L	Absent		
32.27	Quinaphos	µg/L	Absent		
<b>Synthetic Pyrethroids (SPs)</b>					
32.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995	
32.29	Fenprothrin	µg/L	Absent		
32.30	Fenvalerate	µg/L	Absent		
32.31	Alpha-Cypermethrin	µg/L	Absent		
32.32	Beta-Cyfluthrin	µg/L	Absent		
32.33	Cyhalothrin	µg/L	Absent		
<b>Herbicides</b>					
32.34	Alachlor	µg/L	Absent	USEPA 525.2 1995	
32.35	Butachlor	µg/L	Absent		
32.36	Fluchloralin	µg/L	Absent		
32.37	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: 0.1 µg/l, Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l, Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, 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 &amp; 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 0365**  
 Issue Date : **30/10/2021**  
 Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

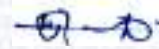
 Sampling Location : **HB6 Down Stream**


Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>04/10/2021</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>05/10/2021</b>	Lab ID.	: <b>BL/2110/15</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>05/10/2021</b>	Date of Completion of Test	: <b>14/10/2021</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.28	IS 3025 (Part 11) 2019
2	Colour	Hazen	5.0	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	2918	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	1.27	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	1894	IS 3025 (Part-16) 2019
7	TOC	mg/L	7.9	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	28	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	618	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	458	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.02	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	512	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	186	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	2.10	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.073	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.065	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.22	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.43	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	102	IS 3025 (Part – 40) 2019 EDTA Titrimetric Method)

Continue...

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

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

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



**TEST REPORT**

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0365</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location : **HB6 Down Stream**

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	87.12	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	264	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	5.1	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	6.4	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list

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

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

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

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

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

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

**TEST REPORT**

QF/7.8/37-WT

Customer's Name and Address :

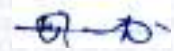
Page: 3 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0365</b>
	Issue Date : <b>30/10/2021</b>
	Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>

 Sampling Location : **HB6 Down Stream**
**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
32.1	Aldrin	µg/L	Absent	USEPA 508 1995
32.2	Dicofol	µg/L	Absent	
32.3	Dieldrin	µg/L	Absent	
32.4	Alpha Endosulfan	µg/L	Absent	
32.5	Beta Endosulfan	µg/L	Absent	
32.6	SulphateEndosulfan	µg/L	Absent	
32.7	Heptachlor	µg/L	Absent	USEPA 525.2 1995
32.8	Hexachlorobenzene (HCB)	µg/L	Absent	USEPA 508 1995
32.9	MethoxyChlor	µg/L	Absent	USEPA 525.2 1995
32.10	2,4 DDT	µg/L	Absent	USEPA 508 1995
32.11	2,4 DDD	µg/L	Absent	
32.12	4,4 DDE	µg/L	Absent	
32.13	4,4 DDT	µg/L	Absent	
32.14	Alpha-HCH	µg/L	Absent	
32.15	Beta-HCH	µg/L	Absent	
32.16	Gamma-HCH	µg/L	Absent	
32.17	σ-HCH	µg/L	Absent	
32.18	Chlorpyrifos	µg/L	Absent	USEPA 525.2 1995
32.19	Dimethoate	µg/L	Absent	
32.20	Ethion	µg/L	Absent	
32.21	Malathion	µg/L	Absent	
32.22	Monocrotophos	µg/L	Absent	
32.23	Parathion-Methyl	µg/L	Absent	
32.24	Phorate	µg/L	Absent	
32.25	Phosphamidon	µg/L	Absent	
32.26	Profenophos	µg/L	Absent	
32.27	Quinaphos	µg/L	Absent	
<b>Synthetic Pyrethroids (SPs)</b>				
32.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
32.29	Fenprothrin	µg/L	Absent	
32.30	Fenvalerate	µg/L	Absent	
32.31	Alpha-Cypermethrin	µg/L	Absent	
32.32	Beta-Cyfluthrin	µg/L	Absent	
32.33	Cyhalothrin	µg/L	Absent	
<b>Herbicides</b>				
32.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
32.35	Butachlor	µg/L	Absent	
32.36	Fluchloralin	µg/L	Absent	
32.37	Pendimethalin	µg/L	Absent	

Pesticides: Aldrin :0.01 µg/l, Dieldrin:0.01 µg/l, Alpha Endosulfan:0.1 µg/l, Beta Endosulfan:0.1 µg/l, SulphateEndosulfan: 0.1 µg/l, Heptachlor:100 µg/l, MethoxyChlor: 100 µg/l, Chlorpyrifos: 0.1 µg/l, Malathion:0.1 µg/l, Phorate:0.1 µg/l, 2,4 DDT:0.1 µg/l, 2,4 DDD:0.1 µg/l, 4,4 DDT: 0.1 µg/l, 4,4 DDE:0.1 µg/l, Alachlor:0.1 µg/l, Butachlor: 0.1 µg/l, Alpha-HCH:0.001 µg/l, Beta-HCH:0.01 µg/l, Gamma-HCH:0.1 µg/l, Ethion:0.1 µg/l, Delta HCH:0.01 µg/l, Monocrotophos:0.1 µg/l, Dimethoate:100 µg/l, Methyl Parathion:0.1 µg/l, Phosphamidon:100 µg/l, Profenophos: 100 µg/l, Quinaphos: 100 µg/l, Deltamethrin:100 µg/l, 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 &amp; conditions mentioned overleaf.

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0409A</b> Issue Date : <b>07/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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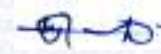
Sampling Location : **HB2 Down Stream (New)**

Description of Sample : <b>Ground Water sample</b> Date of Sampling : <b>01/11/2021</b> Sampling by : <b>Pollucon Laboratories Pvt. Ltd.</b> Sample Receipt Date : <b>02/11/2021</b> Packing/ Seal : <b>Sealed</b> Date of Starting of Test : <b>02/11/2021</b>	Quantity/No. of Samples : <b>05 Lit./One</b> Sampling Procedure : <b>IS:3025</b> Protocol (purpose) : <b>QC/Env. Monitoring</b> Lab ID. : <b>BL/2111/04</b> Test Parameters : <b>As per table</b> Date of Completion of Test : <b>11/11/2021</b>
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### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.58	IS 3025 (Part 11) 2019
2	Colour	Hazen	8.0	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	2039	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.81	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	1375	IS 3025 (Part-16) 2019
7	TOC	mg/L	4.5	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	12	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	372	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	312	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.73	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	312	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	146	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	1.59	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.37	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.26	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.33	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.57	PHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	94.4	IS 3025 (Part – 40) 2019 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.



**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 0409A**  
Issue Date : **07/12/2021**  
Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

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


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	32.64	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	384	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	12.6	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	3.7	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

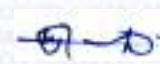
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0409A</b> Issue Date : <b>07/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	--

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

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED	
32.1	Aldrin	µg/L	Absent	USEPA 508 1995	
32.2	Dicofol	µg/L	Absent		
32.3	Dieldrin	µg/L	Absent		
32.4	Alpha Endosulfan	µg/L	Absent		
32.5	Beta Endosulfan	µg/L	Absent		
32.6	Sulphate Endosulfan	µg/L	Absent		
32.7	Heptachlor	µg/L	Absent		USEPA 525.2 1995
32.8	Hexachlorobenzene (HCB)	µg/L	Absent		USEPA 508 1995
32.9	Methoxy Chlor	µg/L	Absent		USEPA 525.2 1995
32.10	2,4 DDT	µg/L	Absent		USEPA 508 1995
32.11	2,4 DDD	µg/L	Absent		
32.12	4,4 DDE	µg/L	Absent		
32.13	4,4 DDT	µg/L	Absent		
32.14	Alpha-HCH	µg/L	Absent		
32.15	Beta-HCH	µg/L	Absent		
32.16	Gamma-HCH	µg/L	Absent		
32.17	σ-HCH	µg/L	Absent		
32.18	Chlorpyrifos	µg/L	Absent	USEPA 525.2 1995	
32.19	Dimethoate	µg/L	Absent		
32.20	Ethion	µg/L	Absent		
32.21	Malathion	µg/L	Absent		
32.22	Monocrotophos	µg/L	Absent		
32.23	Parathion-Methyl	µg/L	Absent		
32.24	Phorate	µg/L	Absent		
32.25	Phosphamidon	µg/L	Absent		
32.26	Profenophos	µg/L	Absent		
32.27	Quinaphos	µg/L	Absent		
<b>Synthetic Pyrethroids (SPs)</b>					
32.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995	
32.29	Fenprothrin	µg/L	Absent		
32.30	Fenvalerate	µg/L	Absent		
32.31	Alpha-Cypermethrin	µg/L	Absent		
32.32	Beta-Cyfluthrin	µg/L	Absent		
32.33	Cyhalothrin	µg/L	Absent		
<b>Herbicides</b>					
32.34	Alachlor	µg/L	Absent	USEPA 525.2 1995	
32.35	Butachlor	µg/L	Absent		
32.36	Fluchloralin	µg/L	Absent		
32.37	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.



## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0447</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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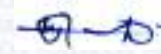
Sampling Location	: <b>HB1 Up Stream</b>
-------------------	------------------------

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>03/12/2021</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>04/12/2021</b>	Lab ID.	: <b>BL/2112/01</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>04/12/2021</b>	Date of Completion of Test	: <b>13/12/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.29	IS 3025 (Part 11) 2019
2	Colour	Co-pt	10	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	5012	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.73	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	3829	IS 3025 (Part-16) 2019
7	TOC	mg/L	8.2	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	34	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1276	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	413	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	1.98	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1332	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	206	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	1.26	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.073	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.094	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.35	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.54	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	187	IS 3025 (Part – 40) 2019 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.

## TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0447</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **HB1 Up Stream**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	193	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	460	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	8.95	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	9.20	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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.

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

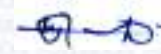
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0447</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **HB1 Up Stream**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/L	Absent	USEPA 508 1995
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 1995
34.9	Methoxy Chlor	µg/L	Absent	USEPA 525.2 1995
34.10	2,4 DDT	µg/L	Absent	USEPA 508 1995
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 1995
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	
<b>Synthetic Pyrethroids (SPs)</b>				
34.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
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.

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0448</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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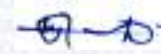
Sampling Location : **HB2 Down Stream (New)**

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>03/12/2021</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>04/12/2021</b>	Lab ID.	: <b>BL/2112/02</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>04/12/2021</b>	Date of Completion of Test	: <b>13/12/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.94	IS 3025 (Part 11) 2019
2	Colour	Co-pt	10	IS 3025 (Part 4) 2019
3	Conductivity	umhos/cm	2359	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.67	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	1428	IS 3025 (Part-16) 2019
7	TOC	mg/L	3.1	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	16	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	402	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	386	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.84	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	436	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	172	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	1.37	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.29	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.35	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.55	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.43	PHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	106	IS 3025 (Part – 40) 2019 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.

## TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0448</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	32.88	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	376	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	11.52	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	3.2	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list




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



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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0448</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/L	Absent	USEPA 508 1995
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 1995
34.9	Methoxy Chlor	µg/L	Absent	USEPA 525.2 1995
34.10	2,4 DDT	µg/L	Absent	USEPA 508 1995
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 1995
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	
<b>Synthetic Pyrethroids(SPs)</b>				
34.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
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.

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

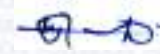
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0449</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location	: <b>EB3 Down Stream (New)</b>		
Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>03/12/2021</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>04/12/2021</b>	Lab ID.	: <b>BL/2112/03</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>04/12/2021</b>	Date of Completion of Test	: <b>13/12/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.68	IS 3025 (Part 11) 2019
2	Colour	Hazen	7.0	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	2509	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.55	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	1406	IS 3025 (Part-16) 2019
7	TOC	mg/L	4.9	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	17	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	486	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	360	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.98	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	305	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	172	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	1.39	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.075	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.098	APHA (23rd Edition) 3500 Fe B 2017
25	Zinc as Zn	mg/L	0.13	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.64	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	94.4	IS 3025 (Part – 40) 2019 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.

## TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0449</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	60	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	263	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	9.4	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	4.1	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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.



## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0449</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/L	Absent	USEPA 508 1995
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 1995
34.9	Methoxy Chlor	µg/L	Absent	USEPA 525.2 1995
34.10	2,4 DDT	µg/L	Absent	USEPA 508 1995
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 1995
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	
<b>Synthetic Pyrethroids(SPs)</b>				
34.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
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.

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0450</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045 Dated:19.04.2021</b>
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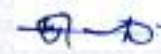
Sampling Location	: <b>EB-4 Up Stream</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>03/12/2021</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>04/12/2021</b>	Lab ID.	: <b>BL/2112/04</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>04/12/2021</b>	Date of Completion of Test	: <b>13/12/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.23	IS 3025 (Part 11) 2019
2	Colour	Co-pt	10	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	5657	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.68	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	3582	IS 3025 (Part-16) 2019
7	TOC	mg/L	4.1	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	36	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1358	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	312	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.69	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1372	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	186	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	1.94	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.096	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.17	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.089	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.48	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	326	IS 3025 (Part – 40) 2019 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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0450</b>
	Issue Date :	<b>20/12/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>EB-4 Up Stream</b>
---------------------	-----------------------

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	130	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	293	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	15.6	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	4.60	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

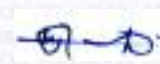
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0450</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling 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 1995	
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 1995
34.8	Hexachlorobenzene (HCB)	µg/L	Absent	USEPA 508 1995	
34.9	Methoxy Chlor	µg/L	Absent	USEPA 525.2 1995	
34.10	2,4 DDT	µg/L	Absent	USEPA 508 1995	
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 1995
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		
<b>Synthetic Pyrethroids (SPs)</b>					
34.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995	
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2 1995	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0451</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---


Sampling Location : **HB5 Down Stream**

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>03/12/2021</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>04/12/2021</b>	Lab ID.	: <b>BL/2112/05</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>04/12/2021</b>	Date of Completion of Test	: <b>13/12/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.51	IS 3025 (Part 11) 2019
2	Colour	Hazen	6.0	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	2987	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	1.03	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	1890	IS 3025 (Part-16) 2019
7	TOC	mg/L	8.2	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	32	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	620	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	420	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.19	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	506	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	168	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	1.38	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.080	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.097	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.089	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.58	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	114	IS 3025 (Part – 40) 2019 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.

## TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0451</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **HB5 Down Stream**

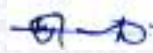
### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	80.4	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	320	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	6.93	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	7.3	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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.

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0451</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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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 1995
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 1995
34.9	Methoxy Chlor	µg/L	Absent	USEPA 525.2 1995
34.10	2,4 DDT	µg/L	Absent	USEPA 508 1995
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 1995
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	
<b>Synthetic Pyrethroids(SPs)</b>				
34.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
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.

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

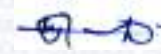
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0452</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location	: <b>EBS Up Stream</b>		
Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>03/12/2021</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>04/12/2021</b>	Lab ID.	: <b>BL/2112/06</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>04/12/2021</b>	Date of Completion of Test	: <b>13/12/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.29	IS 3025 (Part 11) 2019
2	Colour	Hazen	5.0	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	3778	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.99	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	2624	IS 3025 (Part-16) 2019
7	TOC	mg/L	5.6	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	38	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	734	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	406	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.85	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1138	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	172	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	2.13	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.087	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.21	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.075	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.51	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	128	IS 3025 (Part – 40) 2019 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.





**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0452</b>
	Issue Date :	<b>20/12/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>EB5 Up Stream</b>
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**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	99.36	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	374	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	8.74	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	6.3	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0452</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **EB5 Up Stream**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED	
34.1	Aldrin	µg/L	Absent	USEPA 508 1995	
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 1995	
34.9	Methoxy Chlor	µg/L	Absent	USEPA 525.2 1995	
34.10	2,4 DDT	µg/L	Absent	USEPA 508 1995	
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 1995
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		
<b>Synthetic Pyrethroids(SPs)</b>					
34.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995	
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2 1995	
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.

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0453</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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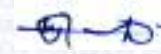
Sampling Location : **HB6 Down Stream**

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>03/12/2021</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>04/12/2021</b>	Lab ID.	: <b>BL/2112/07</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>04/12/2021</b>	Date of Completion of Test	: <b>13/12/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.45	IS 3025 (Part 11) 2019
2	Colour	Co-pt	10	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	3082	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	1.17	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	2264	IS 3025 (Part-16) 2019
7	TOC	mg/L	4.7	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	33	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	738	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	424	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.96	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	560	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	182	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	2.18	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.092	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.068	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.32	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.56	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	98.4	IS 3025 (Part – 40) 2019 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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0453</b>
	Issue Date :	<b>20/12/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>HB6 Down Stream</b>
---------------------	------------------------

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	118	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	306	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	7.9	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	4.4	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0453</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **HB6 Down Stream**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/L	Absent	USEPA 508 1995
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 1995
34.9	Methoxy Chlor	µg/L	Absent	USEPA 508 1995
34.10	2,4 DDT	µg/L	Absent	USEPA 525.2 1995
34.11	2,4 DDD	µg/L	Absent	USEPA 508 1995
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 1995
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	
<b>Synthetic Pyrethroids(SPs)</b>				
34.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
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.

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0454</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045 Dated:19.04.2021</b>
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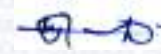
Sampling Location : **HB7 Down Stream**

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>03/12/2021</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>04/12/2021</b>	Lab ID.	: <b>BL/2112/08</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>04/12/2021</b>	Date of Completion of Test	: <b>13/12/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.21	IS 3025 (Part 11) 2019
2	Colour	Co-pt	10	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	4812	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.67	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	3348	IS 3025 (Part-16) 2019
7	TOC	mg/L	6.1	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	45	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	728	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	435	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.19	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1152	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	372	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	1.57	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.095	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.088	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.21	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.57	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	133	IS 3025 (Part – 40) 2019 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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0454</b>
	Issue Date :	<b>20/12/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>HB7 Down Stream</b>
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**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	94.8	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	412	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	7.36	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	6.7	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

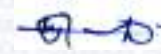
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0454</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location : **HB7 Down Stream**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/L	Absent	USEPA 508 1995
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 1995
34.9	Methoxy Chlor	µg/L	Absent	USEPA 508 1995
34.10	2,4 DDT	µg/L	Absent	USEPA 525.2 1995
34.11	2,4 DDD	µg/L	Absent	USEPA 508 1995
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 1995
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	
<b>Synthetic Pyrethroids(SPs)</b>				
34.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
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.



## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0455</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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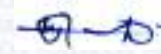
Sampling Location : **EB10 Up Stream**

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>03/12/2021</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>04/12/2021</b>	Lab ID.	: <b>BL/2112/09</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>04/12/2021</b>	Date of Completion of Test	: <b>13/12/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.27	IS 3025 (Part 11) 2019
2	Colour	Co-pt	10	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	8091	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	3.96	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	5112	IS 3025 (Part-16) 2019
7	TOC	mg/L	13.2	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	71	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2118	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	326	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.75	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	2012	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	231	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	2.94	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.83	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.38	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.42	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.77	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	528	IS 3025 (Part – 40) 2019 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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0455</b>
	Issue Date :	<b>20/12/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>

Sampling Location :	<b>EB10 Up Stream</b>
---------------------	-----------------------


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	191	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	413	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	3.48	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	14.9	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list



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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0455</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **EB10 Up Stream**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/L	Absent	USEPA 508 1995
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 1995
34.9	Methoxy Chlor	µg/L	Absent	USEPA 508 1995
34.10	2,4 DDT	µg/L	Absent	USEPA 525.2 1995
34.11	2,4 DDD	µg/L	Absent	USEPA 508 1995
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 1995
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	
<b>Synthetic Pyrethroids(SPs)</b>				
34.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
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.

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0456</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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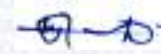
Sampling Location : **EB11 Up Stream**

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>03/12/2021</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>04/12/2021</b>	Lab ID.	: <b>BL/2112/10</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>04/12/2021</b>	Date of Completion of Test	: <b>13/12/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.31	IS 3025 (Part 11) 2019
2	Colour	Co-pt	15	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	7089	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	10	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	4649	IS 3025 (Part-16) 2019
7	TOC	mg/L	15.4	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	93	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2184	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	387	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	3.12	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1509	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	278	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	2.35	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.091	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.20	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.075	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.69	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	416	IS 3025 (Part – 40) 2019 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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0456</b>
	Issue Date :	<b>20/12/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>EB11 Up Stream</b>
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**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	275	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	278	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	8.40	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	16.8	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0456</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location : **EB11 Up Stream**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/L	Absent	USEPA 508 1995
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 1995
34.9	Methoxy Chlor	µg/L	Absent	USEPA 508 1995
34.10	2,4 DDT	µg/L	Absent	USEPA 525.2 1995
34.11	2,4 DDD	µg/L	Absent	USEPA 508 1995
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	USEPA 525.2 1995
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	
<b>Synthetic Pyrethroids(SPs)</b>				
34.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
34.35	Butachlor	µg/L	Absent	
34.36	Fluchloralin	µg/L	Absent	
34.37	Pendimethalin	µg/L	Absent	

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0457</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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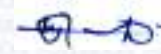
Sampling Location : **HB4 Down Stream**

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>03/12/2021</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>04/12/2021</b>	Lab ID.	: <b>BL/2112/10A</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>04/12/2021</b>	Date of Completion of Test	: <b>13/12/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.43	IS 3025 (Part 11) 2019
2	Colour	Co-pt	10	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	2875	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	1.25	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	1923	IS 3025 (Part-16) 2019
7	TOC	mg/L	5.6	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	28	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	452	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	429	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.80	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	438	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	152	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	1.32	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.094	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.086	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.067	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.49	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	82	IS 3025 (Part – 40) 2019 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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0457</b>
	Issue Date :	<b>20/12/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>HB4 Down Stream</b>
---------------------	------------------------

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	59.28	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	219	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	4.28	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	5.2	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list

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

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

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

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

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

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



## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

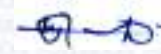
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0457</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **HB4 Down Stream**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
34.1	Aldrin	µg/L	Absent	USEPA 508 1995
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 1995
34.9	Methoxy Chlor	µg/L	Absent	USEPA 508 1995
34.10	2,4 DDT	µg/L	Absent	USEPA 525.2 1995
34.11	2,4 DDD	µg/L	Absent	USEPA 508 1995
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 1995
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	
<b>Synthetic Pyrethroids(SPs)</b>				
34.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
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.

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0458</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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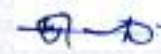
Sampling Location	: <b>EB9 Up Stream</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>03/12/2021</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>04/12/2021</b>	Lab ID.	: <b>BL/2112/10B</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>04/12/2021</b>	Date of Completion of Test	: <b>13/12/2021</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.23	IS 3025 (Part 11) 2019
2	Colour	Co-pt	10	IS 3025 (Part 4) 2019
3	Conductivity	µmhos/cm	4563	IS 3025 (Part – 14) 2019
4	Turbidity	NTU	0.56	APHA (23 <sup>rd</sup> Edition 2019) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17) 2019
6	Total Dissolved Solids	mg/L	3146	IS 3025 (Part-16) 2019
7	TOC	mg/L	15.7	APHA (23 <sup>rd</sup> Edition 2017) 5310 B
8	COD	mg/L	69	APHA (23 <sup>rd</sup> Edition 2017) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1028	IS 3025 (Part – 21) 2019 EDTA Method
10	Total Alkalinity	mg/L	364	IS 3025 (Part – 23) 2019
11	Total Kjeldahl Nitrogen	mg/L	2.93	IS :3025 (Part-34) :2019 Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1014	APHA(23rd Edition 2017) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	156	APHA(23rd Edition 2017) 4110 B
14	Nitrate	mg/L	1.28	APHA (23 <sup>rd</sup> Edition 2017) 4110 B
15	Lead as Pb	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
16	Cadmium as Cd	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
17	Copper as Cu	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
18	Total Chromium	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
19	Mercury as Hg	mg/L	Not Detected	APHA (23rd Edition 2017) 3112 B
20	Nickel as Ni	mg/L	Not Detected	APHA (23rd Edition 2017) 3111 B
21	Cyanides as CN	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition 2017) 3114 B
23	Manganese as Mn	mg/L	0.068	APHA (23rd Edition 2017) 3111 B
24	Iron as Fe	mg/L	0.19	APHA (23rd Edition 2017) 3500 Fe B
25	Zinc as Zn	mg/L	0.073	APHA (23rd Edition 2017) 3111 B
26	Fluorides as F	mg/L	0.39	APHA(23rd Edition 2017) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	182	IS 3025 (Part – 40) 2019 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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0458</b>
	Issue Date :	<b>20/12/2021</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>EB9 Up Stream</b>
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**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	137	Is 3025 (Part-46) 2019 EDTA Method
29	Sodium as Na	mg/L	302	APHA (23 <sup>rd</sup> Edition 2017) 3111 B
30	Potassium as K	mg/L	3.48	IS 3025 (Part 45) 2019 K B/ Flame Photometer
31	BOD	mg/L	12.6	IS 3025 (Part-44) 2019
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) 2019 Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition 2017) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 1995/ USEPA 525.2 1995/ USEPA 532 2000

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0458</b> Issue Date : <b>20/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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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 1995
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 1995
34.9	Methoxy Chlor	µg/L	Absent	USEPA 508 1995
34.10	2,4 DDT	µg/L	Absent	USEPA 525.2 1995
34.11	2,4 DDD	µg/L	Absent	USEPA 508 1995
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 1995
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	
<b>Synthetic Pyrethroids(SPs)</b>				
34.28	Deltamethrin	µg/L	Absent	USEPA 525.2 1995
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2 1995
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.

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0005</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location	: <b>HB1 Up Stream</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>05/01/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>06/01/2022</b>	Lab ID.	: <b>BL/2201/01</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>06/01/2022</b>	Date of Completion of Test	: <b>15/01/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.98	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	5941	IS 3025 (Part - 14)
4	Turbidity	NTU	0.85	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3861	IS 3025 (Part-16)
7	TOC	mg/L	7.3	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	32	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1368	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	429	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	1386	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	155	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.41	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.079	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.32	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.49	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	220	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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0005</b>
	Issue Date :	<b>15/01/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>HB1 Up Stream</b>
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**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	196	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	418	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	11.32	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	7.56	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

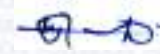
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0005</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location	: <b>HB1 Up Stream</b>
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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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
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.

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0006</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location	: <b>HB2 Down Stream (New)</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>05/01/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>06/01/2022</b>	Lab ID.	: <b>BL/2201/02</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>06/01/2022</b>	Date of Completion of Test	: <b>15/01/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.29	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2145	IS 3025 (Part - 14)
4	Turbidity	NTU	0.72	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	1392	IS 3025 (Part-16)
7	TOC	mg/L	4.8	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	16	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	468	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	352	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	376	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	132	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.55	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.21	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.23	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.47	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.32	PHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	106	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.





**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0006</b>
	Issue Date :	<b>15/01/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


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


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	48.72	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	319	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	8.27	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	3.1	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

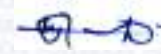
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0006</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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	
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	
<b>Synthetic Pyrethroids (SPs)</b>				
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2
34.35	Butachlor	µg/L	Absent	
34.36	Fluchloralin	µg/L	Absent	
34.37	Pendimethalin	µg/L	Absent	

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0007</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---


Sampling Location	: <b>EB3 Down Stream (New)</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>05/01/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>06/01/2022</b>	Lab ID.	: <b>BL/2201/03</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>06/01/2022</b>	Date of Completion of Test	: <b>15/01/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.31	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2156	IS 3025 (Part - 14)
4	Turbidity	NTU	0.49	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	1401	IS 3025 (Part-16)
7	TOC	mg/L	3.0	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	13	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	458	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	356	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	349	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	163	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.20	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.069	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	0.083	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	82.4	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.



**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 0007**  
Issue Date : **15/01/2022**  
Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

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


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	60.48	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	231	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	7.59	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	4.83	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> 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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"Pollucon House", Plot No.5/6, Opp.Balaji Industrial Society, Old Shantinath Silk Mill Lane, Near Gaytri Farsan Mart, Navjivan Circle,Udhana Magdalla Road, Surat-395007, Gujarat, India.

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0007</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids (SPs)</b>					
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		
<b>Herbicides</b>					
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.

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0008</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---


Sampling Location	: <b>EB-4 Up Stream</b>
-------------------	-------------------------

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>05/01/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>06/01/2022</b>	Lab ID.	: <b>BL/2201/04</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>06/01/2022</b>	Date of Completion of Test	: <b>15/01/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.93	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	5611	IS 3025 (Part - 14)
4	Turbidity	NTU	0.49	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3647	IS 3025 (Part-16)
7	TOC	mg/L	6.8	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	40	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1476	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	369	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	1229	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	199	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.56	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.093	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.075	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.32	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	288	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 0008**  
Issue Date : **15/01/2022**  
Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

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


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	181	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	306	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	12.7	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.9	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

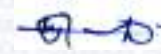
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0008</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling 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	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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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



## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0009</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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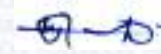
Sampling Location	: <b>HB5 Down Stream</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>05/01/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>06/01/2022</b>	Lab ID.	: <b>BL/2201/05</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>06/01/2022</b>	Date of Completion of Test	: <b>15/01/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.11	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2694	IS 3025 (Part - 14)
4	Turbidity	NTU	0.96	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	1751	IS 3025 (Part-16)
7	TOC	mg/L	5.0	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	25	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	532	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	396	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.34	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	470	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	152	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.48	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.088	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	0.079	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.47	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	92.4	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.

## TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0009</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **HB5 Down Stream**


### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	72.24	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	307	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	5.16	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	3.1	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list



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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

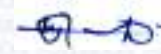
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0009</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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	
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	
<b>Synthetic Pyrethroids(SPs)</b>				
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	
<b>Herbicides</b>				
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.

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

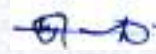
Page: 1 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0010</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
Sampling Location : <b>EB5 Up Stream</b>	
Description of Sample : <b>Ground Water sample</b> Quantity/No. of Samples : <b>05 Lit./One</b> Date of Sampling : <b>05/01/2022</b> Sampling Procedure : <b>IS:3025</b> Sampling by : <b>Pollucon Laboratories Pvt. Ltd.</b> Protocol (purpose) : <b>QC/Env. Monitoring</b> Sample Receipt Date : <b>06/01/2022</b> Lab ID. : <b>BL/2201/06</b> Packing/ Seal : <b>Sealed</b> Test Parameters : <b>As per table</b> Date of Starting of Test : <b>06/01/2022</b> Date of Completion of Test : <b>15/01/2022</b>	

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.26	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	3944	IS 3025 (Part - 14)
4	Turbidity	NTU	0.73	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	2564	IS 3025 (Part-16)
7	TOC	mg/L	5.0	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	32	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	693	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	384	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	1082	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	163	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.70	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.18	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.064	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	132	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.



**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 0010**  
Issue Date : **15/01/2022**  
Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

Sampling Location : **EB5 Up Stream**


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	87.12	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	318	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	7.26	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

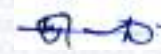
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0010</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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	
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	
<b>Synthetic Pyrethroids (SPs)</b>				
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2
34.35	Butachlor	µg/L	Absent	
34.36	Fluchloralin	µg/L	Absent	
34.37	Pendimethalin	µg/L	Absent	

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0011</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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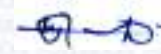
Sampling Location	: <b>HB7 Down Stream</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>05/01/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>06/01/2022</b>	Lab ID.	: <b>BL/2201/07</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>06/01/2022</b>	Date of Completion of Test	: <b>15/01/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.08	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	4951	IS 3025 (Part - 14)
4	Turbidity	NTU	0.63	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3219	IS 3025 (Part-16)
7	TOC	mg/L	7.0	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	42	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	780	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	1028	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	320	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.29	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.079	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.098	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	0.49	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	154	IS 3025 (Part - 40) EDTA Titrimetric Method)

**Continue...**

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

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

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



**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 0011**  
Issue Date : **15/01/2022**  
Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

Sampling Location : **HB7 Down Stream**


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	94.8	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	312	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	5.93	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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



## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

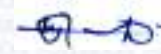
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0011</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location : **HB7 Down Stream**

### RESULT TABLE

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0012</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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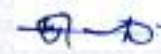
Sampling Location	: <b>EB10 Up Stream</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>05/01/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>06/01/2022</b>	Lab ID.	: <b>BL/2201/08</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>06/01/2022</b>	Date of Completion of Test	: <b>15/01/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.87	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	1986	IS 3025 (Part - 14)
4	Turbidity	NTU	3.76	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	5971	IS 3025 (Part-16)
7	TOC	mg/L	16	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	92	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2508	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	334	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	4.10	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	2529	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	224	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.17	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.76	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.49	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.58	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	602	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.



**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 0012**  
Issue Date : **15/01/2022**  
Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

Sampling Location : **EB10 Up Stream**


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	240	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	378	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	4.10	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	13.2	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0012</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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	
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	
<b>Synthetic Pyrethroids(SPs)</b>				
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2
34.35	Butachlor	µg/L	Absent	
34.36	Fluchloralin	µg/L	Absent	
34.37	Pendimethalin	µg/L	Absent	

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0013</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location	: <b>EB11 Up Stream</b>
-------------------	-------------------------

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>05/01/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>06/01/2022</b>	Lab ID.	: <b>BL/2201/09</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>06/01/2022</b>	Date of Completion of Test	: <b>15/01/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.0	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	7074	IS 3025 (Part – 14)
4	Turbidity	NTU	12.4	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	4599	IS 3025 (Part-16)
7	TOC	mg/L	17.2	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	95	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2140	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	328	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	1514	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	186	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.06	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.086	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.34	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.087	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.59	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	402	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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0013</b>
	Issue Date :	<b>15/01/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>EB11 Up Stream</b>
---------------------	-----------------------

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	247	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	268	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	5.13	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	12.6	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

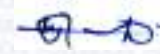
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0013</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0014</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location	: <b>HB4 Down Stream</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>05/01/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>06/01/2022</b>	Lab ID.	: <b>BL/2201/10</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>06/01/2022</b>	Date of Completion of Test	: <b>15/01/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.08	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	3105	IS 3025 (Part - 14)
4	Turbidity	NTU	1.18	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	2016	IS 3025 (Part-16)
7	TOC	mg/L	4.3	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	35	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	424	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	448	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	3.10	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	398	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	206	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.48	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.094	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.087	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.51	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	86	IS 3025 (Part - 40) EDTA Titrimetric Method)

**Continue...**

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

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

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





**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0014</b>
	Issue Date :	<b>15/01/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>

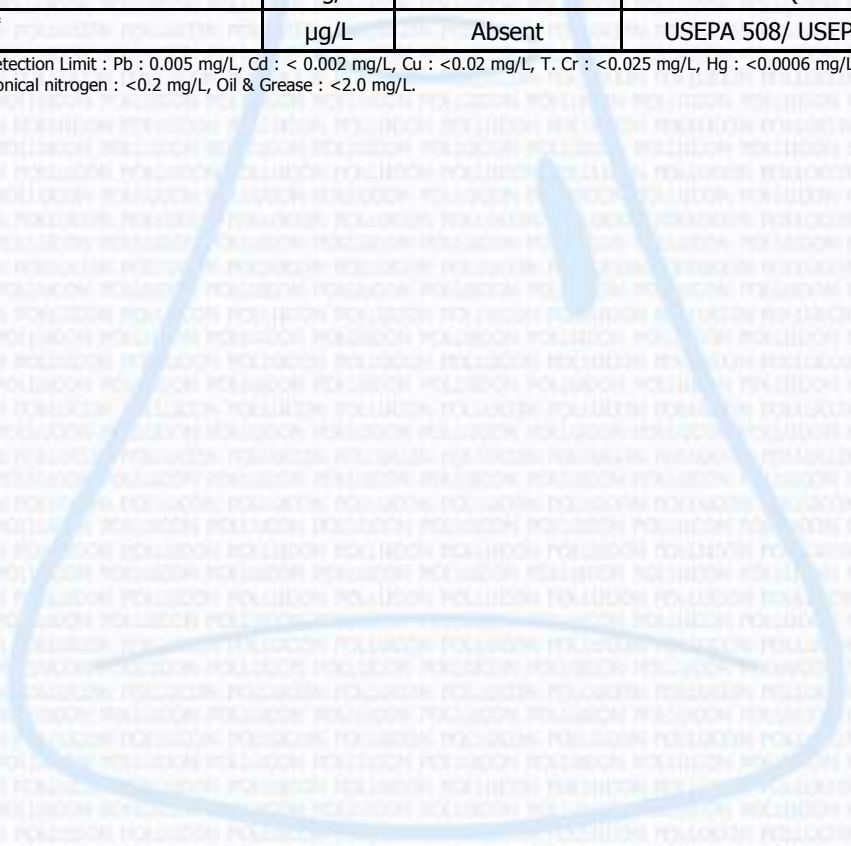
Sampling Location : **HB4 Down Stream**


**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	210	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	3.93	IS 3025 (Part 45) 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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list



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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0014</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0015</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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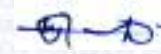
Sampling Location	: <b>EB9 Up Stream</b>
-------------------	------------------------

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>05/01/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>06/01/2022</b>	Lab ID.	: <b>BL/2201/11</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>06/01/2022</b>	Date of Completion of Test	: <b>15/01/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	6.93	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	4751	IS 3025 (Part - 14)
4	Turbidity	NTU	0.36	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3086	IS 3025 (Part-16)
7	TOC	mg/L	11.3	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	52	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1074	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	352	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	1059	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	127	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.38	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.21	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.079	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.35	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	186	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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0015</b>
	Issue Date :	<b>15/01/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>EB9 Up Stream</b>
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**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	146	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	278	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	2.93	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	10.8	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0015</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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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	
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	
<b>Synthetic Pyrethroids(SPs)</b>				
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2
34.35	Butachlor	µg/L	Absent	
34.36	Fluchloralin	µg/L	Absent	
34.37	Pendimethalin	µg/L	Absent	

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0016</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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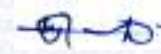
Sampling Location	: <b>HB6 Down Stream</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>05/01/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>06/01/2022</b>	Lab ID.	: <b>BL/2201/11A</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>06/01/2022</b>	Date of Completion of Test	: <b>15/01/2022</b>

### 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	3162	IS 3025 (Part - 14)
4	Turbidity	NTU	1.05	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	12.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	2298	IS 3025 (Part-16)
7	TOC	mg/L	5.0	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	28	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	752	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	418	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.58	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	569	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	196	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.08	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.11	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	0.65	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	104	IS 3025 (Part - 40) EDTA Titrimetric Method)

**Continue...**

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0016</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **HB6 Down Stream**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	118	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	320	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	8.0	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	4.6	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 <sup>rd</sup> 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.

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

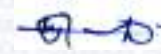
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0016</b> Issue Date : <b>15/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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	
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	
<b>Synthetic Pyrethroids(SPs)</b>				
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	
<b>Herbicides</b>				
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.



## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0052</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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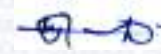
Sampling Location	: <b>EB-4 Up Stream</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>02/02/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>03/02/2022</b>	Lab ID.	: <b>BL/2202/01</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>03/02/2022</b>	Date of Completion of Test	: <b>12/02/2022</b>

### 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	5426	IS 3025 (Part - 14)
4	Turbidity	NTU	0.46	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3589	IS 3025 (Part-16)
7	TOC	mg/L	7.2	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	36	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1494	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	350	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	1262	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	173	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.28	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.076	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.12	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.093	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	228	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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0052</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>

Sampling Location :	<b>EB-4 Up Stream</b>
---------------------	-----------------------


**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	284	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	6.72	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	7.39	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

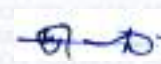
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0052</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
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.

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0053</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>

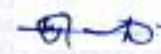
 Sampling Location : **EB5 Up Stream**

Description of Sample :	<b>Ground Water sample</b>	Quantity/No. of Samples :	<b>05 Lit./One</b>
Date of Sampling :	<b>02/02/2022</b>	Sampling Procedure :	<b>IS:3025</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>QC/Env. Monitoring</b>
Sample Receipt Date :	<b>03/02/2022</b>	Lab ID. :	<b>BL/2202/02</b>
Packing/ Seal :	<b>Sealed</b>	Test Parameters :	<b>As per table</b>
Date of Starting of Test :	<b>03/02/2022</b>	Date of Completion of Test :	<b>12/02/2022</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.13	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	3674	IS 3025 (Part - 14)
4	Turbidity	NTU	0.69	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	2478	IS 3025 (Part-16)
7	TOC	mg/L	5.3	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	31	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	714	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	362	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	3.14	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1028	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	154	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.26	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.098	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.25	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	0.48	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)

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



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0053</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>EB5 Up Stream</b>
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**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	94.56	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	290	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	8.13	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	4.90	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

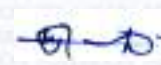
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0053</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
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.

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0054</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045</b>
		<b>Dated:19.04.2021</b>

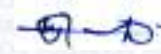
 Sampling Location : **EB3 Down Stream (New)**

Description of Sample :	<b>Ground Water sample</b>	Quantity/No. of Samples :	<b>05 Lit./One</b>
Date of Sampling :	<b>02/02/2022</b>	Sampling Procedure :	<b>IS:3025</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>QC/Env. Monitoring</b>
Sample Receipt Date :	<b>03/02/2022</b>	Lab ID. :	<b>BL/2202/03</b>
Packing/ Seal :	<b>Sealed</b>	Test Parameters :	<b>As per table</b>
Date of Starting of Test :	<b>03/02/2022</b>	Date of Completion of Test :	<b>12/02/2022</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.59	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2364	IS 3025 (Part - 14)
4	Turbidity	NTU	0.73	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	1568	IS 3025 (Part-16)
7	TOC	mg/L	3.9	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	17	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	476	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	364	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	318	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	187	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.10	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.091	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	0.68	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	92.4	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 &amp; conditions mentioned overleaf.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0054</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


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


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	58.8	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	261	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	8.26	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	4.10	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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



## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

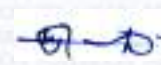
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0054</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
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.

**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 0055**  
 Issue Date : **12/02/2022**  
 Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

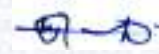
 Sampling Location : **HB2 Down Stream (New)**

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>02/02/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>03/02/2022</b>	Lab ID.	: <b>BL/2202/04</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>03/02/2022</b>	Date of Completion of Test	: <b>12/02/2022</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.59	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2092	IS 3025 (Part - 14)
4	Turbidity	NTU	0.63	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	1392	IS 3025 (Part-16)
7	TOC	mg/L	4.6	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	16	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	438	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	362	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.58	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	446	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	132	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.46	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.27	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.20	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.36	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.41	PHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	92.4	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 &amp; conditions mentioned overleaf.

## TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0055</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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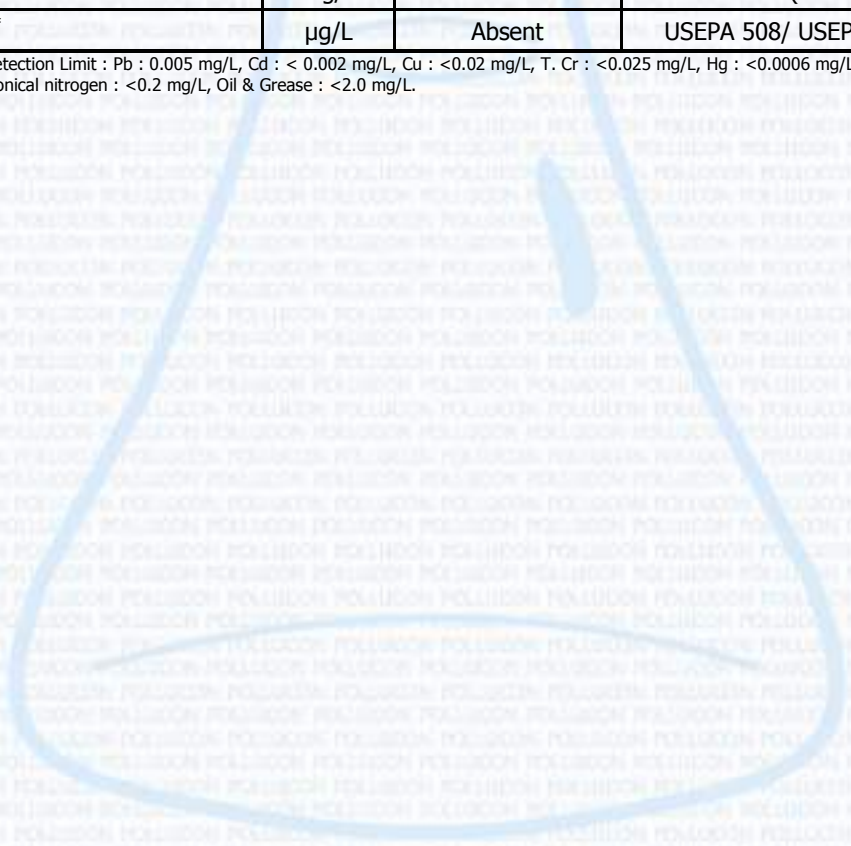
Sampling Location : **HB2 Down Stream (New)**

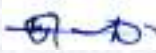
### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	49.68	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	296	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	5.92	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list



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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

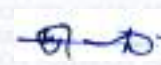
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0055</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location : **HB2 Down Stream (New)**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED	
34.1	Aldrin	µg/L	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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
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.

**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**

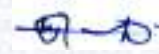
 Test Report No. : **PL/BL 0056**  
 Issue Date : **12/02/2022**  
 Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

 Sampling Location : **HB5 Down Stream**

 Description of Sample : **Ground Water sample** Quantity/No. of Samples : **05 Lit./One**  
 Date of Sampling : **02/02/2022** Sampling Procedure : **IS:3025**  
 Sampling by : **Pollucon Laboratories Pvt. Ltd.** Protocol (purpose) : **QC/Env. Monitoring**  
 Sample Receipt Date : **03/02/2022** Lab ID. : **BL/2202/05**  
 Packing/ Seal : **Sealed** Test Parameters : **As per table**  
 Date of Starting of Test : **03/02/2022** Date of Completion of Test : **12/02/2022**
**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.29	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2783	IS 3025 (Part - 14)
4	Turbidity	NTU	1.18	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	2107	IS 3025 (Part-16)
7	TOC	mg/L	4.78	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	31	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	646	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	407	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	492	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	144	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.37	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.087	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.064	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	95.2	IS 3025 (Part - 40) EDTA Titrimetric Method)

Continue...

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

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

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



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0056</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>

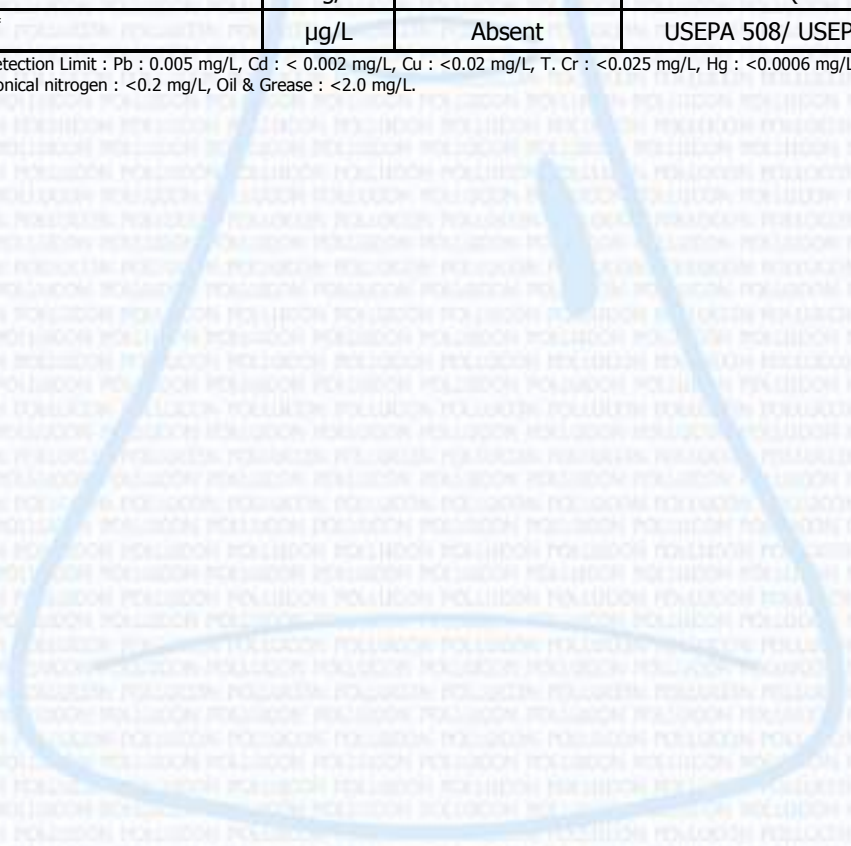
Sampling Location : **HB5 Down Stream**


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	97.92	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	314	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	6.32	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.92	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list



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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0056</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0057</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>

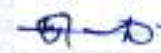
 Sampling Location : **HB4 Down Stream**

Description of Sample :	<b>Ground Water sample</b>	Quantity/No. of Samples :	<b>05 Lit./One</b>
Date of Sampling :	<b>02/02/2022</b>	Sampling Procedure :	<b>IS:3025</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>QC/Env. Monitoring</b>
Sample Receipt Date :	<b>03/02/2022</b>	Lab ID. :	<b>BL/2202/06</b>
Packing/ Seal :	<b>Sealed</b>	Test Parameters :	<b>As per table</b>
Date of Starting of Test :	<b>03/02/2022</b>	Date of Completion of Test :	<b>12/02/2022</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.31	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2816	IS 3025 (Part - 14)
4	Turbidity	NTU	0.57	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	1876	IS 3025 (Part-16)
7	TOC	mg/L	3.9	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	27	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	410	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	436	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.95	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	402	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	168	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.53	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.079	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.081	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	0.42	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	81.2	IS 3025 (Part - 40) EDTA Titrimetric Method)

Continue...



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



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

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





**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0057</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>HB4 Down Stream</b>
---------------------	------------------------


**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	179	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	4.67	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

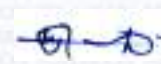
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0057</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids (SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

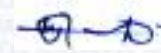
<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0058</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045</b>
		<b>Dated:19.04.2021</b>

Sampling Location :	<b>HB7 Down Stream</b>		
Description of Sample :	<b>Ground Water sample</b>	Quantity/No. of Samples :	<b>05 Lit./One</b>
Date of Sampling :	<b>02/02/2022</b>	Sampling Procedure :	<b>IS:3025</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>QC/Env. Monitoring</b>
Sample Receipt Date :	<b>03/02/2022</b>	Lab ID. :	<b>BL/2202/07</b>
Packing/ Seal :	<b>Sealed</b>	Test Parameters :	<b>As per table</b>
Date of Starting of Test :	<b>03/02/2022</b>	Date of Completion of Test :	<b>12/02/2022</b>

**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	4668	IS 3025 (Part - 14)
4	Turbidity	NTU	0.71	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	2780	IS 3025 (Part-16)
7	TOC	mg/L	6.2	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	35	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	648	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	416	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	3.28	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	762	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	180	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.37	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.083	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.075	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	0.61	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	136	IS 3025 (Part - 40) EDTA Titrimetric Method)

Continue...



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



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

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



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0058</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>HB7 Down Stream</b>
---------------------	------------------------


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	73.92	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	337	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	4.76	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0058</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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

**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 0059**  
 Issue Date : **12/02/2022**  
 Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

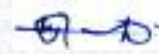
 Sampling Location : **EB9 Up Stream**

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>02/02/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>03/02/2022</b>	Lab ID.	: <b>BL/2202/08</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>03/02/2022</b>	Date of Completion of Test	: <b>12/02/2022</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.18	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	5169	IS 3025 (Part - 14)
4	Turbidity	NTU	0.57	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3462	IS 3025 (Part-16)
7	TOC	mg/L	10.3	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	59	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1228	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	376	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	3.10	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1320	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	184	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.59	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.064	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.23	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.067	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	212	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 &amp; conditions mentioned overleaf.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0059</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>EB9 Up Stream</b>
---------------------	----------------------


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	167	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	316	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	4.19	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	11.3	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

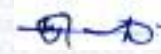
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0059</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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



**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0060</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045</b>
		<b>Dated:19.04.2021</b>

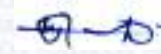
 Sampling Location : **EB10 Up Stream**

Description of Sample :	<b>Ground Water sample</b>	Quantity/No. of Samples :	<b>05 Lit./One</b>
Date of Sampling :	<b>02/02/2022</b>	Sampling Procedure :	<b>IS:3025</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>QC/Env. Monitoring</b>
Sample Receipt Date :	<b>03/02/2022</b>	Lab ID. :	<b>BL/2202/09</b>
Packing/ Seal :	<b>Sealed</b>	Test Parameters :	<b>As per table</b>
Date of Starting of Test :	<b>03/02/2022</b>	Date of Completion of Test :	<b>12/02/2022</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.14	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	8113	IS 3025 (Part - 14)
4	Turbidity	NTU	4.06	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	10	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	6098	IS 3025 (Part-16)
7	TOC	mg/L	15.2	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	95	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2578	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	309	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	3.84	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	2530	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	208	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.56	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.67	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	0.61	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	582	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 &amp; conditions mentioned overleaf.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0060</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>

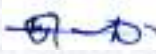
Sampling Location :	<b>EB10 Up Stream</b>
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**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	269	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	338	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	6.14	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	17.6	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0060</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

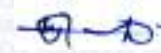
<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0061</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045</b>
		<b>Dated:19.04.2021</b>

Sampling Location :	<b>EB11 Up Stream</b>		
Description of Sample :	<b>Ground Water sample</b>	Quantity/No. of Samples :	<b>05 Lit./One</b>
Date of Sampling :	<b>02/02/2022</b>	Sampling Procedure :	<b>IS:3025</b>
Sampling by :	<b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) :	<b>QC/Env. Monitoring</b>
Sample Receipt Date :	<b>03/02/2022</b>	Lab ID. :	<b>BL/2202/10</b>
Packing/ Seal :	<b>Sealed</b>	Test Parameters :	<b>As per table</b>
Date of Starting of Test :	<b>03/02/2022</b>	Date of Completion of Test :	<b>12/02/2022</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.56	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	6824	IS 3025 (Part - 14)
4	Turbidity	NTU	8.61	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	9	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	4429	IS 3025 (Part-16)
7	TOC	mg/L	19.3	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	102	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2316	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	354	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	1684	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	182	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.17	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.063	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.25	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.091	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.43	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	382	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 &amp; conditions mentioned overleaf.

## TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0061</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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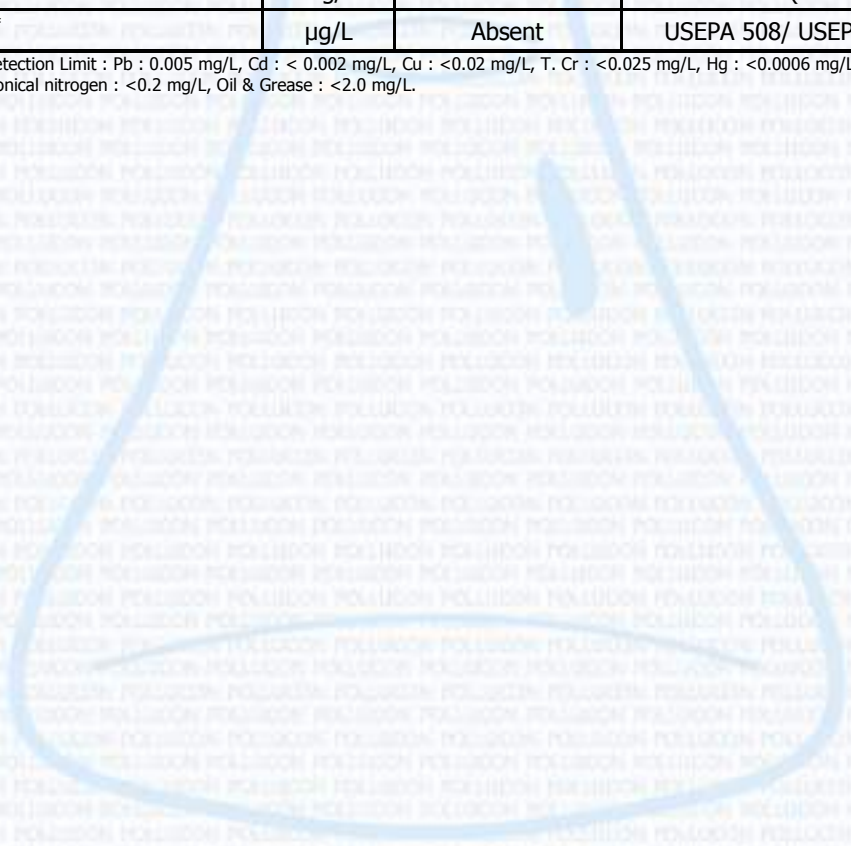
Sampling Location : <b>EB11 Up Stream</b>
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### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	254	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	269	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	4.28	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	20.8	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list



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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0061</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0062</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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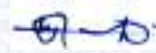
Sampling Location : **HB1 Up Stream**

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>02/02/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>03/02/2022</b>	Lab ID.	: <b>BL/2202/11</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>03/02/2022</b>	Date of Completion of Test	: <b>12/02/2022</b>

### 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	5438	IS 3025 (Part - 14)
4	Turbidity	NTU	0.74	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3978	IS 3025 (Part-16)
7	TOC	mg/L	5.8	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	33	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1396	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	402	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	1506	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	143	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.39	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.086	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.40	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	276	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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0062</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>HB1 Up Stream</b>
---------------------	----------------------


**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	382	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	9.74	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	6.30	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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



## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

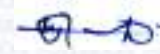
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0062</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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

**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 0063**  
 Issue Date : **12/02/2022**  
 Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

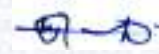
 Sampling Location : **HB6 Down Stream**

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>02/02/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>03/02/2022</b>	Lab ID.	: <b>BL/2202/12</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>03/02/2022</b>	Date of Completion of Test	: <b>12/02/2022</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.31	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2846	IS 3025 (Part - 14)
4	Turbidity	NTU	0.25	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	2174	IS 3025 (Part-16)
7	TOC	mg/L	6.1	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	32	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	728	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	403	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	582	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	150	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.28	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.091	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.078	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.34	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.51	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)**

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

## TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0063</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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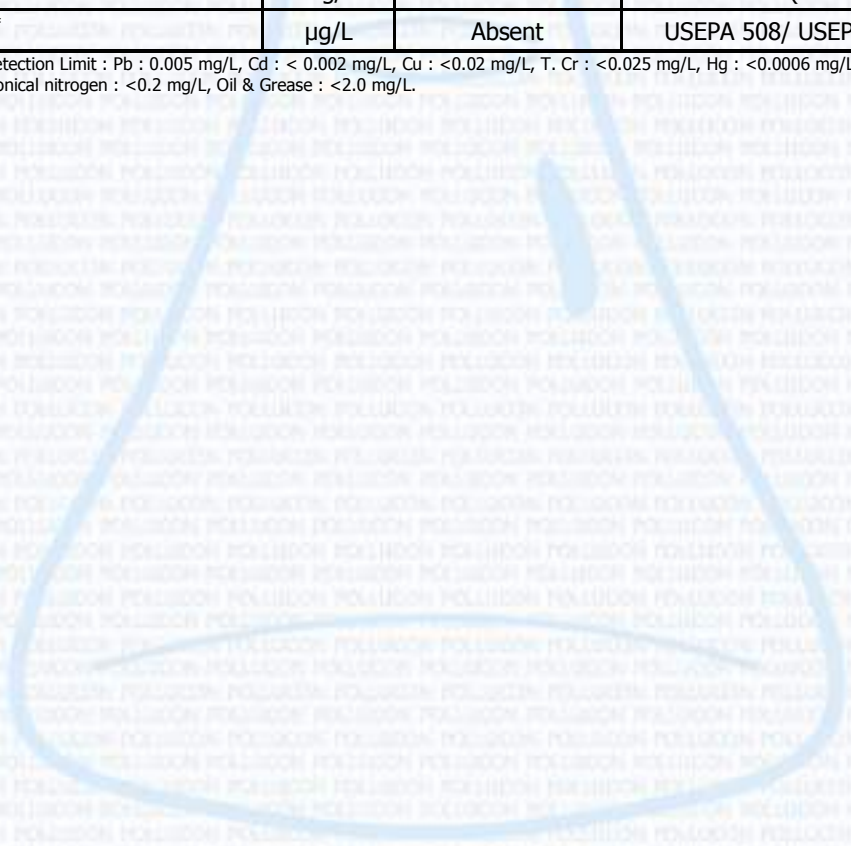
Sampling Location : <b>HB6 Down Stream</b>
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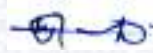
### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	107	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	241	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	7.79	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	5.92	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list



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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

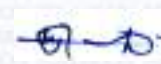
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0063</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling 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	
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	
<b>Synthetic Pyrethroids(SPs)</b>				
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2
34.35	Butachlor	µg/L	Absent	
34.36	Fluchloralin	µg/L	Absent	
34.37	Pendimethalin	µg/L	Absent	

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

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

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

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

**TEST REPORT**

QF/7.8/37-WT

Customer's Name and Address :

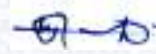
Page: 1 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0064</b>
	Issue Date : <b>12/02/2022</b>
	Customer's Ref. : <b>W.O.No. 8521220045 Dated:19.04.2021</b>
Sampling Location : <b>GIDC POND</b>	
Description of Sample : <b>Surface Water sample</b>	Quantity/No. of Samples : <b>05 Lit./One</b>
Date of Sampling : <b>02/02/2022</b>	Sampling Procedure : <b>IS:3025</b>
Sampling by : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>QC/Env. Monitoring</b>
Sample Receipt Date : <b>03/02/2022</b>	Lab ID. : <b>BL/2202/13</b>
Packing/ Seal : <b>Sealed</b>	Test Parameters : <b>As per table</b>
Date of Starting of Test : <b>03/02/2022</b>	Date of Completion of Test : <b>12/02/2022</b>

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	8.04	IS 3025 (Part – 11) Electrometric Method
2	Colour	Hazen	5.0	IS 3025 (Part – 4)
3	Conductivity	µmhos/cm	440	IS 3025 (Part – 14)
4	Turbidity	NTU	0.43	APHA (23rd Edition ) 2130 B
5	Total Suspended Solids	mg/L	4.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	259	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	112	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	120	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	0.69	IS :3025 (Part-34) Clause 2.3 (Reaffirme)
12	Chlorides as Cl	mg/L	12	IS 3025 (Part – 32) Argentometric Method
13	Sulphates as SO4	mg/L	15.2	IS 3025 (Part-24)
14	Nitrate	mg/L	0.48	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	IS 3025 (Part-48)
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	0.061	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.058	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

Continue...

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

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

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



**TEST REPORT**

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3


<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0064</b>
	Issue Date : <b>12/02/2022</b>
	Customer's Ref. : <b>W.O.No. 8521220045 Dated:19.04.2021</b>

Sampling Location : **GIDC POND**

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.27	APHA (23 <sup>rd</sup> Edition) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	26.8	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	10.8	IS 3025 (Part – 46) EDTA Method
29	Sodium as Na	mg/L	9.36	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	1.38	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2/ USEPA 532

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

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

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

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

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

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

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

**TEST REPORT**

QF/7.8/37-WT

Page: 3 of 3

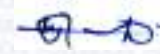
Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0064</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>

 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	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	
<b>Synthetic Pyrethroids(SPs)</b>				
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2
34.35	Butachlor	µg/L	Absent	
34.36	Fluchloralin	µg/L	Absent	
34.37	Pendimethalin	µg/L	Absent	

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



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



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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :


Page: 1 of 3


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0065</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <span style="float: right;"><b>Dated:19.04.2021</b></span>
Sampling Location : <b>GNFC POND</b>	
Description of Sample : <b>Surface Water sample</b> Quantity/No. of Samples : <b>05 Lit./One</b> Date of Sampling : <b>02/02/2022</b> Sampling Procedure : <b>IS:3025</b> Sampling by : <b>Pollucon Laboratories Pvt. Ltd.</b> Protocol (purpose) : <b>QC/Env. Monitoring</b> Sample Receipt Date : <b>03/02/2022</b> Lab ID. : <b>BL/2202/14</b> Packing/ Seal : <b>Sealed</b> Test Parameters : <b>As per table</b> Date of Starting of Test : <b>03/02/2022</b> Date of Completion of Test : <b>12/02/2022</b>	

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.79	IS 3025 (Part – 11) Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4)
3	Conductivity	µmhos/cm	512	IS 3025 (Part – 14)
4	Turbidity	NTU	0.28	APHA (23rd Edition ) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	352	IS 3025 (Part-16)
7	TOC	mg/L	Not Detected	APHA (23rd Edition) 5310 B
8	COD	mg/L	Not Detected	APHA (23rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	204	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	123	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	0.61	IS :3025 (Part-34) Clause 2.3 (Reaffirme)
12	Chlorides as Cl	mg/L	106	IS 3025 (Part – 32) Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	16.8	IS 3025 (Part-24)
14	Nitrate	mg/L	Not Detected	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	IS 3025 (Part-48)
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	0.052	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.061	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	Not Detected	APHA (23rd Edition) 3111 B

**Continue...**

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

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

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





**TEST REPORT**

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0065</b>
	Issue Date :	<b>12/02/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>

Sampling Location : **GNFC POND**

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	Method
26	Fluorides as F	mg/L	0.33	APHA (23 <sup>rd</sup> Edition) 4500 F D SPANDS Method IS 3025 (Part – 40) EDTA Titrimetric Method
27	Calcium as Ca	mg/L	31.6	IS 3025 (Part – 46) EDTA Method
28	Magnesium as Mg	mg/L	6.0	APHA (23 <sup>rd</sup> Edition) 3111 B
29	Sodium as Na	mg/L	15.83	APHA (23 <sup>rd</sup> Edition) 3500 K B/ Flame Photometer
30	Potassium as K	mg/L	3.16	IS 3025 (PART-44)
31	BOD	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
32	Ammonical Nitrogen	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition) 5520 B
33	O&G	mg/L	Not Detected	USEPA 508 / USEPA 525.2/ USEPA 532
34	Pesticides**	µg/L	Absent	APHA (23 <sup>rd</sup> Edition) 4500 F D SPANDS Method

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



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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

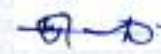
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0065</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
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.

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

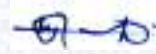
<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0066</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045 Dated:19.04.2021</b>
---	---

Sampling Location	: <b>CM Tank</b>		
Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>02/02/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>03/02/2022</b>	Lab ID.	: <b>BL/2202/15</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>03/02/2022</b>	Date of Completion of Test	: <b>12/02/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.51	IS 3025 (Part – 11) Electrometric Method
2	Colour	Co-pt	10	IS 3025 (Part – 4)
3	Conductivity	µmhos/cm	3078	IS 3025 (Part – 14)
4	Turbidity	NTU	0.75	APHA (23rd Edition ) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	1482	IS 3025 (Part-16)
7	TOC	mg/L	6.3	APHA (23rd Edition) 5310 B
8	COD	mg/L	34	APHA (23rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	552	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	520	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.38	IS :3025 (Part-34) Clause 2.3 (Reaffirme)
12	Chlorides as Cl	mg/L	416	IS 3025 (Part – 32) Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	224	IS 3025 (Part-24)
14	Nitrate	mg/L	1.19	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	IS 3025 (Part-48)
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	0.5	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.16	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	0.081	APHA (23rd Edition) 3111 B

**Continue...**

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

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

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



**TEST REPORT**

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3


<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0066</b>
	Issue Date : <b>12/02/2022</b>
	Customer's Ref. : <b>W.O.No. 8521220045 Dated:19.04.2021</b>

Sampling Location : **CM Tank**

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.43	APHA (23 <sup>rd</sup> Edition) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	98.8	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	73.20	IS 3025 (Part – 46) EDTA Method
29	Sodium as Na	mg/L	312	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	5.39	APHA (23 <sup>rd</sup> Edition) 3500 K B/ Flame Photometer
31	BOD	mg/L	5.8	IS 3025 (PART-44)
32	Ammonical Nitrogen	mg/L	0.92	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition) 5520 B
34	Pesticides **	µg/L	Absent	USEPA 508 / USEPA 525.2/ USEPA 532

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

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0066</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :


Page: 1 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0067</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <span style="float: right;"><b>Dated:19.04.2021</b></span>												
Sampling Location : <b>Jitali Navinagari</b>													
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Description of Sample : <b>Ground Water sample</b></td> <td style="width: 50%;">Quantity/No. of Samples : <b>05 Lit./One</b></td> </tr> <tr> <td>Date of Sampling : <b>02/02/2022</b></td> <td>Sampling Procedure : <b>IS:3025</b></td> </tr> <tr> <td>Sampling by : <b>Pollucon Laboratories Pvt. Ltd.</b></td> <td>Protocol (purpose) : <b>QC/Env. Monitoring</b></td> </tr> <tr> <td>Sample Receipt Date : <b>03/02/2022</b></td> <td>Lab ID. : <b>BL/2202/15</b></td> </tr> <tr> <td>Packing/ Seal : <b>Sealed</b></td> <td>Test Parameters : <b>As per table</b></td> </tr> <tr> <td>Date of Starting of Test : <b>03/02/2022</b></td> <td>Date of Completion of Test : <b>12/02/2022</b></td> </tr> </table>		Description of Sample : <b>Ground Water sample</b>	Quantity/No. of Samples : <b>05 Lit./One</b>	Date of Sampling : <b>02/02/2022</b>	Sampling Procedure : <b>IS:3025</b>	Sampling by : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>QC/Env. Monitoring</b>	Sample Receipt Date : <b>03/02/2022</b>	Lab ID. : <b>BL/2202/15</b>	Packing/ Seal : <b>Sealed</b>	Test Parameters : <b>As per table</b>	Date of Starting of Test : <b>03/02/2022</b>	Date of Completion of Test : <b>12/02/2022</b>
Description of Sample : <b>Ground Water sample</b>	Quantity/No. of Samples : <b>05 Lit./One</b>												
Date of Sampling : <b>02/02/2022</b>	Sampling Procedure : <b>IS:3025</b>												
Sampling by : <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose) : <b>QC/Env. Monitoring</b>												
Sample Receipt Date : <b>03/02/2022</b>	Lab ID. : <b>BL/2202/15</b>												
Packing/ Seal : <b>Sealed</b>	Test Parameters : <b>As per table</b>												
Date of Starting of Test : <b>03/02/2022</b>	Date of Completion of Test : <b>12/02/2022</b>												

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.31	IS 3025 (Part – 11) Electrometric Method
2	Colour	Hazen	5.0	IS 3025 (Part – 4)
3	Conductivity	µmhos/cm	2198	IS 3025 (Part – 14)
4	Turbidity	NTU	0.61	APHA (23rd Edition ) 2130 B
5	Total Suspended Solids	mg/L	4.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	2289	IS 3025 (Part-16)
7	TOC	mg/L	3.7	APHA (23rd Edition) 5310 B
8	COD	mg/L	21	APHA (23rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	726	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	361	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.18	IS :3025 (Part-34) Clause 2.3 (Reaffirme)
12	Chlorides as Cl	mg/L	628	IS 3025 (Part – 32) Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	152	IS 3025 (Part-24)
14	Nitrate	mg/L	1.18	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	IS 3025 (Part-48)
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	0.061	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.35	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	0.098	APHA (23rd Edition) 3111 B

Continue...

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

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

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



**TEST REPORT**

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3


<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0067</b>
	Issue Date : <b>12/02/2022</b>
	Customer's Ref. : <b>W.O.No. 8521220045 Dated:19.04.2021</b>

Sampling Location : **Jitali Navinagari**

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
26	Fluorides as F	mg/L	0.43	APHA (23 <sup>rd</sup> Edition) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	102	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	113	IS 3025 (Part – 46) EDTA Method
29	Sodium as Na	mg/L	150	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	3.29	APHA (23 <sup>rd</sup> Edition) 3500 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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2/ USEPA 532

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

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

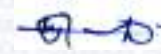
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0067</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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



## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0068</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <span style="float: right;"><b>Dated:19.04.2021</b></span>
---	--


Sampling Location	: <b>Jitali Gram Panchayat</b>		
Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>02/02/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>03/02/2022</b>	Lab ID.	: <b>BL/2202/16</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>03/02/2022</b>	Date of Completion of Test	: <b>12/02/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.35	IS 3025 (Part – 11) Electrometric Method
2	Colour	Hazen	5.0	IS 3025 (Part – 4)
3	Conductivity	µmhos/cm	2193	IS 3025 (Part – 14)
4	Turbidity	NTU	0.41	APHA (23rd Edition ) 2130 B
5	Total Suspended Solids	mg/L	Not Detected	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	1475	IS 3025 (Part-16)
7	TOC	mg/L	2.58	APHA (23rd Edition) 5310 B
8	COD	mg/L	26	APHA (23rd Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	552	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	373	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.10	IS :3025 (Part-34) Clause 2.3 (Reaffirme)
12	Chlorides as Cl	mg/L	403	IS 3025 (Part – 32) Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	91.3	IS 3025 (Part-24)
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	IS 3025 (Part-48)
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	0.051	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.29	APHA (23rd Edition) 3111 B
25	Zinc as Zn	mg/L	0.073	APHA (23rd Edition) 3111 B

**Continue...**

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

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

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



**TEST REPORT**

QF/7.8/37-WT

Customer's Name and Address :

Page: 2 of 3


<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0068</b>
	Issue Date : <b>12/02/2022</b>
	Customer's Ref. : <b>W.O.No. 8521220045 Dated:19.04.2021</b>

Sampling Location : **Jitali Gram Panchayat**

**RESULT TABLE**

<b>SR. NO.</b>	<b>TEST PARAMETERS</b>	<b>UNIT</b>	<b>RESULT</b>	<b>METHOD ADOPTED</b>
26	Fluorides as F	mg/L	0.45	APHA (23 <sup>rd</sup> Edition) 4500 F D SPANDS Method
27	Calcium as Ca	mg/L	128	IS 3025 (Part – 40) EDTA Titrimetric Method)
28	Magnesium as Mg	mg/L	55.68	IS 3025 (Part – 46) EDTA Method
29	Sodium as Na	mg/L	304	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	4.12	APHA (23 <sup>rd</sup> Edition) 3500 K B/ Flame Photometer
31	BOD	mg/L	3.1	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508 / USEPA 525.2/ USEPA 532

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

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0068</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0104</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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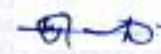
Sampling Location : **HB1 Up Stream**

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>01/03/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>02/03/2022</b>	Lab ID.	: <b>BL/2203/01</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>02/03/2022</b>	Date of Completion of Test	: <b>11/03/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.29	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	5768	IS 3025 (Part - 14)
4	Turbidity	NTU	0.58	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3116	IS 3025 (Part-16)
7	TOC	mg/L	10	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	32	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1402	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	419	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	1511	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	146	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.45	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.082	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.075	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.45	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.62	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	290	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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0104</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location : **HB1 Up Stream**

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	162	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	410	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	10.6	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list



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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 3 of 3

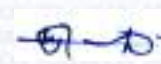
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0104</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids (SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

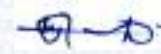
Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0105</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
Sampling Location : <b>HB2 Down Stream (New)</b>	
Description of Sample : <b>Ground Water sample</b> Quantity/No. of Samples : <b>05 Lit./One</b> Date of Sampling : <b>01/03/2022</b> Sampling Procedure : <b>IS:3025</b> Sampling by : <b>Pollucon Laboratories Pvt. Ltd.</b> Protocol (purpose) : <b>QC/Env. Monitoring</b> Sample Receipt Date : <b>02/03/2022</b> Lab ID. : <b>BL/2203/02</b> Packing/ Seal : <b>Sealed</b> Test Parameters : <b>As per table</b> Date of Starting of Test : <b>02/03/2022</b> Date of Completion of Test : <b>11/03/2022</b>	

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.45	IS 3025 (Part 11)
2	Colour	Hazen	8.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2074	IS 3025 (Part – 14)
4	Turbidity	NTU	0.82	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	1351	IS 3025 (Part-16)
7	TOC	mg/L	5.5	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	15	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	488	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	390	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	459	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	144	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.60	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.33	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.25	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.40	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	100	IS 3025 (Part – 40) EDTA Titrimetric Method)

**Continue...**

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0105</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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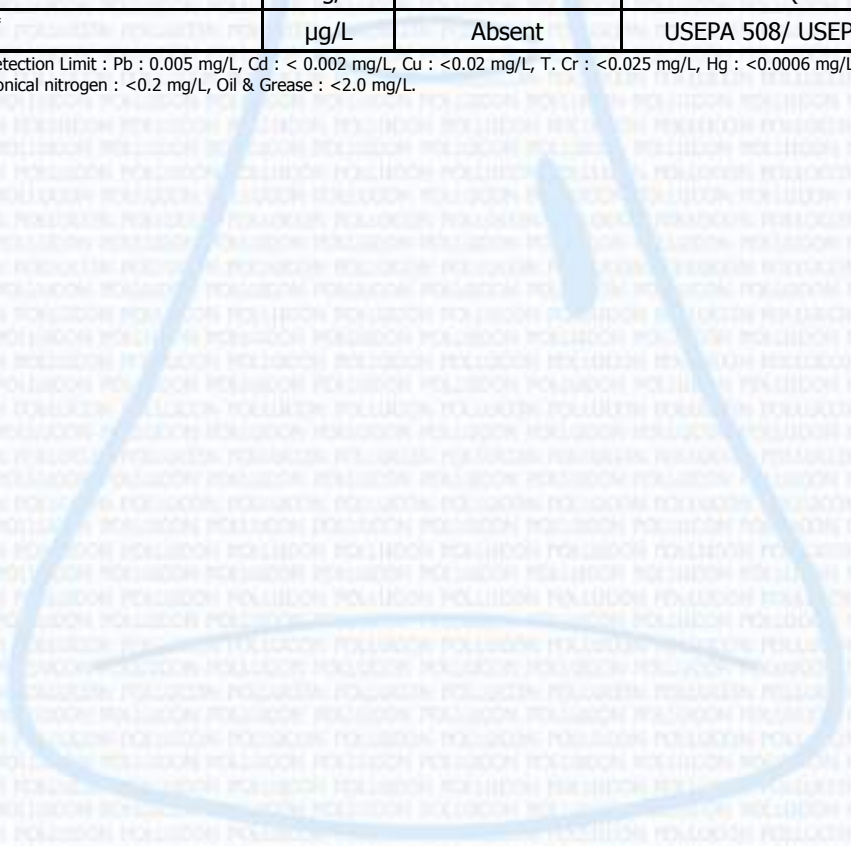
Sampling Location : **HB2 Down Stream (New)**


### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	57.12	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	290	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	6.6	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	8.8	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list



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

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

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

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

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

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



## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0105</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location : **HB2 Down Stream (New)**

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED	
34.1	Aldrin	µg/L	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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
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

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

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

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 :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0106</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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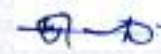
Sampling Location	: <b>EB3 Down Stream (New)</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>01/03/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>02/03/2022</b>	Lab ID.	: <b>BL/2203/03</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>02/03/2022</b>	Date of Completion of Test	: <b>11/03/2022</b>

### 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	2307	IS 3025 (Part - 14)
4	Turbidity	NTU	0.90	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	1498	IS 3025 (Part-16)
7	TOC	mg/L	5.2	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	16	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	496	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	398	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.35	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	472	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	156	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.55	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.045	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.031	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.46	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.70	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	98	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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0106</b>
	Issue Date :	<b>11/03/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


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


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	60.24	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	275	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	7.0	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0106</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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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	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		
<b>Synthetic Pyrethroids (SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Customer's Name and Address :

Page: 1 of 3

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0107</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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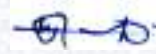
Sampling Location	: <b>EB-4 Up Stream</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>01/03/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>02/03/2022</b>	Lab ID.	: <b>BL/2203/04</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>02/03/2022</b>	Date of Completion of Test	: <b>11/03/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.31	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	5761	IS 3025 (Part - 14)
4	Turbidity	NTU	0.59	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3744	IS 3025 (Part-16)
7	TOC	mg/L	11	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	42	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1612	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	422	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.50	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1516	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	180	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.48	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.080	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	0.11	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	380	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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0107</b>
	Issue Date :	<b>11/03/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>EB-4 Up Stream</b>
---------------------	-----------------------

**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	158	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	370	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	11	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	10	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

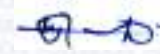
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0107</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

 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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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



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



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

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

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

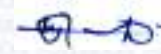
Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0108</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
Sampling Location : <b>HB5 Down Stream</b>	
Description of Sample : <b>Ground Water sample</b> Quantity/No. of Samples : <b>05 Lit./One</b> Date of Sampling : <b>01/03/2022</b> Sampling Procedure : <b>IS:3025</b> Sampling by : <b>Pollucon Laboratories Pvt. Ltd.</b> Protocol (purpose) : <b>QC/Env. Monitoring</b> Sample Receipt Date : <b>02/03/2022</b> Lab ID. : <b>BL/2203/05</b> Packing/ Seal : <b>Sealed</b> Test Parameters : <b>As per table</b> Date of Starting of Test : <b>02/03/2022</b> Date of Completion of Test : <b>11/03/2022</b>	

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.71	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2889	IS 3025 (Part – 14)
4	Turbidity	NTU	0.74	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	1878	IS 3025 (Part-16)
7	TOC	mg/L	8.0	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	27	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	420	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	404	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	2.40	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	476	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	160	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.30	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.064	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.048	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.084	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.56	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	100	IS 3025 (Part – 40) EDTA Titrimetric Method)

**Continue...**

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

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

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





**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. :	<b>PL/BL 0108</b>
	Issue Date :	<b>11/03/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045</b>
		<b>Dated:19.04.2021</b>


Sampling Location :	<b>HB5 Down Stream</b>
---------------------	------------------------


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	40.8	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	340	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	8.0	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0108</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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	
<b>Synthetic Pyrethroids(SPs)</b>				
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	
<b>Herbicides</b>				
34.34	Alachlor	µg/L	Absent	USEPA 525.2
34.35	Butachlor	µg/L	Absent	
34.36	Fluchloralin	µg/L	Absent	
34.37	Pendimethalin	µg/L	Absent	

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3


Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0109</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
Sampling Location : <b>EB5 Up Stream</b>	
Description of Sample : <b>Ground Water sample</b> Quantity/No. of Samples : <b>05 Lit./One</b> Date of Sampling : <b>01/03/2022</b> Sampling Procedure : <b>IS:3025</b> Sampling by : <b>Pollucon Laboratories Pvt. Ltd.</b> Protocol (purpose) : <b>QC/Env. Monitoring</b> Sample Receipt Date : <b>02/03/2022</b> Lab ID. : <b>BL/2203/06</b> Packing/ Seal : <b>Sealed</b> Test Parameters : <b>As per table</b> Date of Starting of Test : <b>02/03/2022</b> Date of Completion of Test : <b>11/03/2022</b>	

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.48	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	3711	IS 3025 (Part - 14)
4	Turbidity	NTU	0.27	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	2412	IS 3025 (Part-16)
7	TOC	mg/L	4.0	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	29	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	748	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	370	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	3.72	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1078	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	146	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.56	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.101	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	0.11	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	134	IS 3025 (Part - 40) EDTA Titrimetric Method)

**Continue...**

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

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

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**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0109</b>
	Issue Date :	<b>11/03/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>EB5 Up Stream</b>
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**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	99.12	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	415	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	10	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	4.5	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0109</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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 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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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



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



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

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

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0110</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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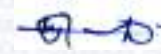
Sampling Location	: <b>HB7 Down Stream</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>01/03/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>02/03/2022</b>	Lab ID.	: <b>BL/2203/07</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>02/03/2022</b>	Date of Completion of Test	: <b>11/03/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.28	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	4577	IS 3025 (Part - 14)
4	Turbidity	NTU	0.39	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	6.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	2975	IS 3025 (Part-16)
7	TOC	mg/L	6.8	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	46	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	710	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	428	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.59	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	643	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	178	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.17	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.089	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.13	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.17	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.56	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	140	IS 3025 (Part - 40) EDTA Titrimetric Method)

**Continue...**

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

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

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



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0110</b>
	Issue Date :	<b>11/03/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>HB7 Down Stream</b>
---------------------	------------------------


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	86.4	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	358	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	5.43	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	7.84	IS 3025 (Part-44)
32	Ammonical Nitrogen	mg/L	Not Detected	IS 3025 (Part-34) Nesslerization Method
33	O&G	mg/L	Not Detected	APHA (23 <sup>rd</sup> 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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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 :

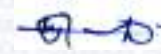
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0110</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids (SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

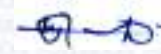
<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0111</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Sampling Location	: <b>EB10 Up Stream</b>		
Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>01/03/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>02/03/2022</b>	Lab ID.	: <b>BL/2203/08</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>02/03/2022</b>	Date of Completion of Test	: <b>11/03/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.12	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	9234	IS 3025 (Part – 14)
4	Turbidity	NTU	3.95	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	9.0	IS 3025 (Part – 17)
6	Total Dissolved Solids	mg/L	6002	IS 3025 (Part-16)
7	TOC	mg/L	18.0	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	102	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2614	IS 3025 (Part – 21) EDTA Method
10	Total Alkalinity	mg/L	318	IS 3025 (Part – 23)
11	Total Kjeldahl Nitrogen	mg/L	4.01	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 <sub>4</sub>	mg/L	202	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.70	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.57	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	0.52	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	590	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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0111</b>
	Issue Date : <b>11/03/2022</b>
	Customer's Ref. : <b>W.O.No. 8521220045 Dated:19.04.2021</b>

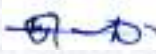
Sampling Location : **EB10 Up Stream**


**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	273	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	350	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	8.0	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	18.4	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

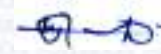
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0111</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

 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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
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.

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0112</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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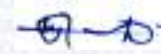
Sampling Location : **EB11 Up Stream**

Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>01/03/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>02/03/2022</b>	Lab ID.	: <b>BL/2203/09</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>02/03/2022</b>	Date of Completion of Test	: <b>11/03/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.12	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	6948	IS 3025 (Part - 14)
4	Turbidity	NTU	11.3	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	4516	IS 3025 (Part-16)
7	TOC	mg/L	21	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	102	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	2278	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	330	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.21	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1837	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	198	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.24	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.076	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.31	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.087	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.63	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	448	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.



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0112</b>
	Issue Date :	<b>11/03/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>

Sampling Location :	<b>EB11 Up Stream</b>
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**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	277	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	316	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	5.70	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

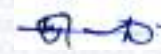
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0112</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Sampling Location	: <b>EB11 Up Stream</b>
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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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
34.34	Alachlor	µg/L	Absent	USEPA 525.2	
34.35	Butachlor	µg/L	Absent		
34.36	Fluchloralin	µg/L	Absent		
34.37	Pendimethalin	µg/L	Absent		

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0113</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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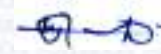
Sampling Location	: <b>HB4 Down Stream</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>01/03/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>02/03/2022</b>	Lab ID.	: <b>BL/2203/10</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>02/03/2022</b>	Date of Completion of Test	: <b>11/03/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.46	IS 3025 (Part 11)
2	Colour	Hazen	5.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	2965	IS 3025 (Part - 14)
4	Turbidity	NTU	0.45	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	5.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	1927	IS 3025 (Part-16)
7	TOC	mg/L	6.0	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	35	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	439	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	451	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.75	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	421	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	188	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.40	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.045	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	0.056	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.55	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	84	IS 3025 (Part - 40) EDTA Titrimetric Method)

**Continue...**

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

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

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



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0113</b>
	Issue Date :	<b>11/03/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>


Sampling Location :	<b>HB4 Down Stream</b>
---------------------	------------------------


**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	235	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	5.10	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list

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

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

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

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

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

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



## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

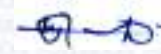
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0113</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
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.

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0114</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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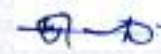
Sampling Location	: <b>EB9 Up Stream</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>01/03/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>02/03/2022</b>	Lab ID.	: <b>BL/2203/11</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>02/03/2022</b>	Date of Completion of Test	: <b>11/03/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.14	IS 3025 (Part 11)
2	Colour	Co-pt	10	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	5185	IS 3025 (Part - 14)
4	Turbidity	NTU	0.49	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	7.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	3370	IS 3025 (Part-16)
7	TOC	mg/L	12.6	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	60	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	1480	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	356	IS 3025 (Part - 23)
11	Total Kjeldahl Nitrogen	mg/L	2.77	IS :3025 (Part-34) Clause 2.3 (Reaffirmed 2009)
12	Chlorides as Cl	mg/L	1584	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	139	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	1.47	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> Edition) 4500 CN E Colorimetric Method
22	Arsenic as As	mg/L	Not Detected	APHA (23rd Edition) 3114 B
23	Manganese as Mn	mg/L	0.071	APHA (23rd Edition) 3111 B
24	Iron as Fe	mg/L	0.19	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.082	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.31	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	174	IS 3025 (Part - 40) EDTA Titrimetric Method)

**Continue...**

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

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

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



**TEST REPORT**

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. :	<b>PL/BL 0114</b>
	Issue Date :	<b>11/03/2022</b>
	Customer's Ref. :	<b>W.O.No. 8521220045 Dated:19.04.2021</b>

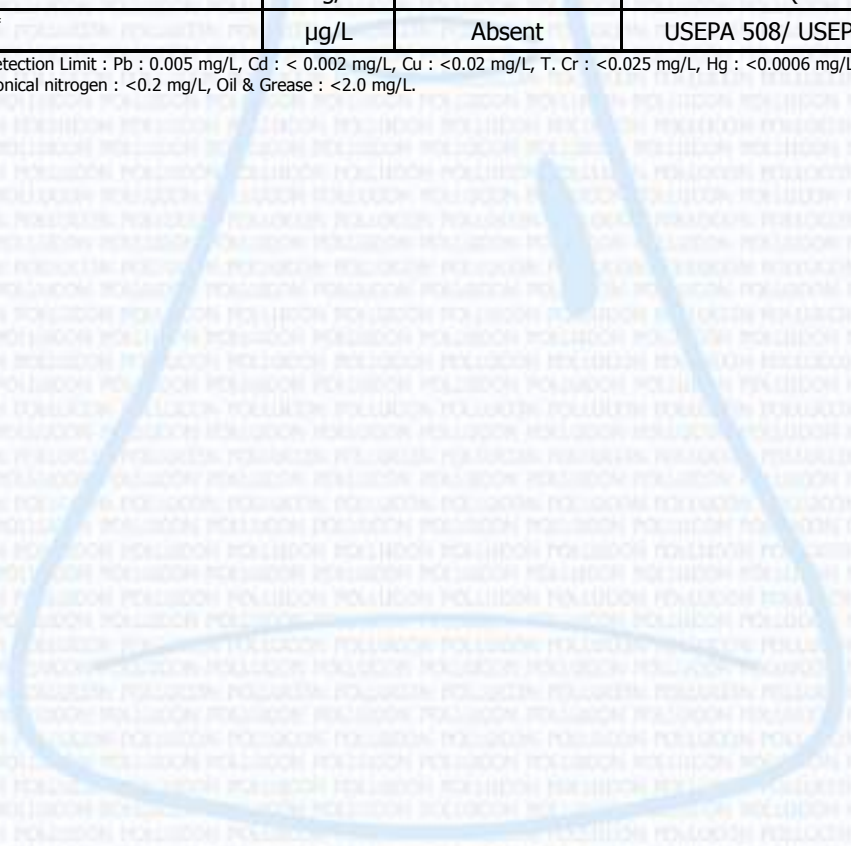
Sampling Location :	<b>EB9 Up Stream</b>
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**RESULT TABLE**

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	250	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	367	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	3.68	IS 3025 (Part 45) K B/ Flame Photometer
31	BOD	mg/L	13.2	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list



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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0114</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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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		
<b>Synthetic Pyrethroids (SPs)</b>					
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		
<b>Herbicides</b>					
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.

## TEST REPORT

QF/7.8/37-WT

Page: 1 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0115</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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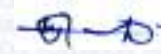
Sampling Location	: <b>HB6 Down Stream</b>
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Description of Sample	: <b>Ground Water sample</b>	Quantity/No. of Samples	: <b>05 Lit./One</b>
Date of Sampling	: <b>01/03/2022</b>	Sampling Procedure	: <b>IS:3025</b>
Sampling by	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>QC/Env. Monitoring</b>
Sample Receipt Date	: <b>02/03/2022</b>	Lab ID.	: <b>BL/2203/12</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>02/03/2022</b>	Date of Completion of Test	: <b>11/03/2022</b>

### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
1	pH	--	7.68	IS 3025 (Part 11)
2	Colour	Hazen	7.0	IS 3025 (Part 4)
3	Conductivity	µmhos/cm	3283	IS 3025 (Part - 14)
4	Turbidity	NTU	0.35	APHA (23 <sup>rd</sup> Edition) 2130 B
5	Total Suspended Solids	mg/L	8.0	IS 3025 (Part - 17)
6	Total Dissolved Solids	mg/L	2134	IS 3025 (Part-16)
7	TOC	mg/L	7.0	APHA (23 <sup>rd</sup> Edition) 5310 B
8	COD	mg/L	26	APHA (23 <sup>rd</sup> Edition) 5220 B Open Reflux Method
9	Total Hardness	mg/L	690	IS 3025 (Part - 21) EDTA Method
10	Total Alkalinity	mg/L	415	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	499	APHA(23rd Edition) 4110 B Argentometric Method
13	Sulphates as SO <sub>4</sub>	mg/L	165	APHA(23rd Edition) 4110 B
14	Nitrate	mg/L	2.35	APHA (23 <sup>rd</sup> 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 <sup>rd</sup> 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	0.044	APHA (23rd Edition) 3500 Fe B
25	Zinc as Zn	mg/L	0.25	APHA (23rd Edition) 3111 B
26	Fluorides as F	mg/L	0.58	APHA(23rd Edition) 4110 B F D SPANDS Method
27	Calcium as Ca	mg/L	118	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.

## TEST REPORT

QF/7.8/37-WT

Page: 2 of 3

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0115</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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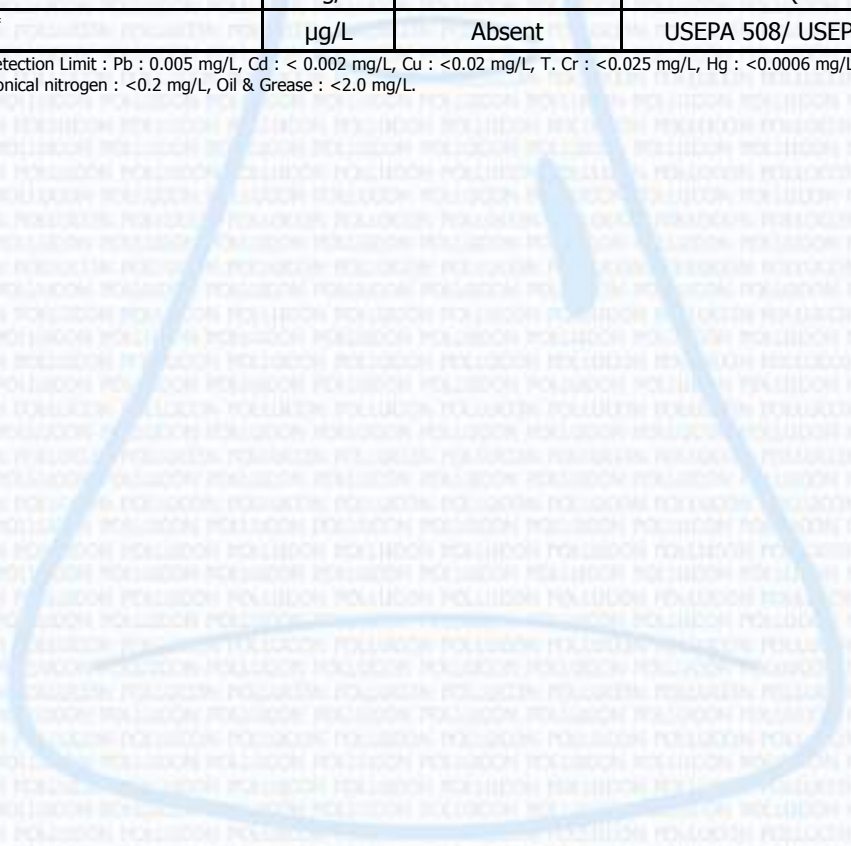
Sampling Location : <b>HB6 Down Stream</b>
--


### RESULT TABLE

SR. NO.	TEST PARAMETERS	UNIT	RESULT	METHOD ADOPTED
28	Magnesium as Mg	mg/L	94.8	Is 3025 (Part-46) EDTA Method
29	Sodium as Na	mg/L	265	APHA (23 <sup>rd</sup> Edition) 3111 B
30	Potassium as K	mg/L	90	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 <sup>rd</sup> Edition) 5520 B
34	Pesticides**	µg/L	Absent	USEPA 508/ USEPA 525.2/ USEPA 532

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

\*\*attached pesticides list



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

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

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

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

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

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

## TEST REPORT

QF/7.8/37-WT

Page: 3 of 3

Customer's Name and Address :

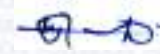
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0115</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

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		
<b>Synthetic Pyrethroids(SPs)</b>					
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		
<b>Herbicides</b>					
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.

## TEST CERTIFICATE FOR NOISE MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0366</b> Issue Date : <b>30/10/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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### NOISE LEVEL MONITORING REPORT

Sampling Date	:	14/10/2021
Test Method	:	IS 9876 : 2013 / IS 9989 : 2014
Sampling Location	:	As per table
Sampling By	:	Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	:	Environmental Monitoring

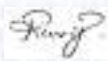
### RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Nr. Incinerator	62.5	56.2
2	Nr. Main Gate	63.8	54.6
3	Nr. Lab	56.2	52.7
4	Nr. ADM	59.4	56.9
5	Nr. Truck Washing	56.9	50.1
6	Nr. Drum Storage	54.1	51.4
7	Nr. East side of Incinerator	64.3	53.3
<b>GPCB CONSENT LIMIT#</b>		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.





**TEST CERTIFICATE FOR NOISE MONITORING**

Customer's Name and Address :

QF/7.8/37-EX  
Page: 1 of 1

<b>M/s. BEIL INFRASTRUCTURE LIMITED . PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0396</b> Issue Date : <b>07/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045 Dated:19.04.2021</b>
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**NOISE LEVEL MONITORING REPORT**

Sampling Date	: 01/11/2021
Test Method	: IS 9876 : 2013 / IS 9989 : 2014
Sampling Location	: As per table
Sampling By	: Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	: Environmental Monitoring

**RESULT TABLE**

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Nr. Incinerator	66.4	58.4
2	Nr. Main Gate	68.9	57.6
3	Nr. Lab	55.1	47.4
4	Nr. ADM	60.7	45.9
5	Nr. Truck Washing	63.9	50.9
6	Nr. Drum Storage	62.9	49.9
7	Nr. East side of Incinerator	67.9	52.3
<b>GPCB CONSENT LIMIT#</b>		<b>75 dB (A)</b>	<b>70 db (A)</b>

#As per consent order No. AWH-69137 Date of issue: 02/11/2017 Valid Up to: 31/07/2022.  
 1. Day time shall mean from 6.00 a.m. to 10.00 p.m.  
 2. Night time shall mean from 10.00 p.m. to 6.00 a.m.

**Ravi Jariwala**  
Sr. Environmental Scientist

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

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

- FSSAI Approved Lab
- Recognised by MoEF, New Delhi Under Sec. 12 of Environmental (Protection) Act-1986
- GPCB approved schedule II auditor
- ISO 14001
- ISO 45001
- ISO 9001

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

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

## TEST CERTIFICATE FOR NOISE MONITORING

QF/7.8/37-EX  
Page: 1 of 1

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0459</b> Issue Date : <b>13/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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### NOISE LEVEL MONITORING REPORT

Sampling Date	: <b>03/12/2021</b>
Test Method	: <b>IS 9876 : 2013 / IS 9989 : 2014</b>
Sampling Location	: <b>As per table</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>
Protocol (purpose)	: <b>Environmental Monitoring</b>

### RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Nr. Incinerator	68.8	55.2
2	Nr. Main Gate	53.5	44.3
3	Nr. Lab	50.0	43.9
4	Nr. ADM	51.2	45.3
5	Nr. Truck Washing	65.5	59.3
6	Nr. Drum Storage	64.5	57.9
7	Nr. East side of Incinerator	67.3	60.3
<b>GPCB CONSENT LIMIT#</b>		<b>75 dB (A)</b>	<b>70 db (A)</b>

#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.

## TEST CERTIFICATE FOR NOISE MONITORING

QF/7.8/37-EX  
Page: 1 of 1

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0004</b> Issue Date : <b>12/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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### NOISE LEVEL MONITORING REPORT

Sampling Date	: <b>05/01/2022</b>
Test Method	: <b>IS 9876 / IS 9989</b>
Sampling Location	: <b>As per table</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>
Protocol (purpose)	: <b>Environmental Monitoring</b>

### RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Nr. Incinerator	69.9	57.3
2	Nr. Main Gate	67.3	60.4
3	Nr. Lab	57.6	52.1
4	Nr. ADM	55.4	50.1
5	Nr. Truck Washing	68.3	60.5
6	Nr. Drum Storage	65.5	56.2
7	Nr. East side of Incinerator	68.9	58.4
<b>GPCB CONSENT LIMIT#</b>		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.

## TEST CERTIFICATE FOR NOISE MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0069</b> Issue Date : <b>12/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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### NOISE LEVEL MONITORING REPORT

Sampling Date	: <b>02/02/2022</b>
Test Method	: <b>IS 9876 / IS 9989</b>
Sampling Location	: <b>As per table</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>
Protocol (purpose)	: <b>Environmental Monitoring</b>

### RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Nr. Incinerator	62.3	60.3
2	Nr. Main Gate	54.5	50.4
3	Nr. Lab	51.1	46.3
4	Nr. ADM	49.8	44.8
5	Nr. Truck Washing	56.6	50.6
6	Nr. Drum Storage	53.7	46.9
7	Nr. East side of Incinerator	61.2	54.8
<b>GPCB CONSENT LIMIT#</b>		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.

## TEST CERTIFICATE FOR NOISE MONITORING

QF/7.8/37-EX

Page: 1 of 1

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0116</b> Issue Date : <b>11/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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### NOISE LEVEL MONITORING REPORT

Sampling Date	:	01/03/2022
Test Method	:	IS 9876 / IS 9989
Sampling Location	:	As per table
Sampling By	:	Pollucon Laboratories Pvt. Ltd.
Protocol (purpose)	:	Environmental Monitoring

### RESULT TABLE

SR. NO.	SAMPLING LOCATION	OBSERVATIONS	
		DAY Time dB(A)	NIGHT Time dB(A)
1	Nr. Incinerator	65.1	60.4
2	Nr. Main Gate	56.8	51.4
3	Nr. Lab	54.6	47.1
4	Nr. ADM	55.7	50.8
5	Nr. Truck Washing	63.5	58.4
6	Nr. Drum Storage	66.2	61.9
7	Nr. East side of Incinerator	68.9	63.2
<b>GPCB CONSENT LIMIT#</b>		75 dB (A)	70 db (A)

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

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

  
**Ravi Jariwala**  
**Sr. Environmental Scientist**

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

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

## Annexure-7

### Ground water (Analysis Period Oct'21 to March'22):

Sr. no	Parameters	Unit	Permissible limits	Average of outside the premises	Average of upstream borewell	Average of downstream borewell
1	Colour	Hazen	15	9.1	8.1	7.6
2	pH	-	No relaxation	7.21 – 7.74	6.96 – 7.62	7.11 – 7.78
3	Electric Conductivity	mmhos/cm	-	5584.9	2967.6	1684.2
4	Turbidity	NTU	5	3.2	0.8	0.5
5	TSS	mg/lit	-	7.4	6.5	4.5
6	TDS	mg/lit	2000	3847.1	1918.9	1171.4
7	TOC	mg/lit	-	11.2	6.3	4.2
8	COD	mg/lit	-	57.0	27.0	27.0
9	Chloride	mg/lit	1000	1470.3	515.8	313.0

### Ambient Air (Analysis Period Oct'21 to March'22):

Sr. no.	Parameters	Unit	GPCB/CPCB Permissible Limit	Behind Shed No. 8 corner	Near Detox site road	Near Lab	Min	Max
1	RSPM (PM <sub>10</sub> )	µg/m <sup>3</sup>	100	77.2	73.32	81.92	73.32	81.92
2	PM <sub>2.5</sub>	µg/m <sup>3</sup>	60	40.2	35.3	44.35	35.3	44.35
3	Sulphur Dioxide	µg/m <sup>3</sup>	80	15.0	14.32	18.14	14.32	18.14
4	Nitrogen Dioxide	µg/m <sup>3</sup>	80	26.7	23.76	31.46	23.76	31.46
5	Ammonia (NH <sub>3</sub> )	µg/m <sup>3</sup>	400	ND	ND	ND	ND	ND
6	Lead As Pb	µg/m <sup>3</sup>	1	ND	ND	ND	ND	ND
7	Nickel as Ni	ng/m <sup>3</sup>	NS	ND	ND	ND	ND	ND
8	Arsenic as As	ng/m <sup>3</sup>	NS	ND	ND	ND	ND	ND

**Noise Monitoring (Analysis Period Oct'21 to March'22):**

Sr. No.	Noise monitoring sampling location	Category	Results (Avg)			
			GPCB/CPC B Permissible Limit (Day) (in dB)	Day	GPCB/CP CB Permissible Limit (Night) (in dB)	Night
1	Near Main gate	Industrial	75	60.80	70	53.12
2	Near Lab	Industrial	75	54.10	70	48.25
3	Near admin	Industrial	75	55.37	70	48.97
4	Truck wash	Industrial	75	62.45	70	54.97
5	Drum	Industrial	75	61.15	70	54.03
6	Near East Side of Incinerator	Industrial	75	66.58	70	56.40
7	Near Incinerator	Industrial	75	65.67	70	58.62

Receipt Date From:

## FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Annealing Loss	COMPARISON WITH STD	Compatibility Test	Flammability Test	LRT Test	METAL STABILIZATION REQUIRED	Moisture Content by KF	ODOR	PFLT Test	pH
1	fb41ffbee3			22-SEP-21 10:07:02	22-Sep-2021 15.52	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	13180.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.00	NO	12.24	ODOURLESS	PASS	7.5
2	4aebc09cef			22-SEP-21 12:52:24	22-Sep-2021 19.54	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	3270.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
3	eaef066585			22-SEP-21 15:33:26	22-Sep-2021 19.57	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	11385.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.00	NO	13.08	ODOURLESS	PASS	7.5
4	3ea24cc0be			22-SEP-21 15:38:49	22-Sep-2021 19.57	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	11150.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.00	NO	12.14	ODOURLESS	PASS	7.5
5	e58714d844			30-SEP-21 20:54:37	30-Sep-2021 21.50	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1630.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
6	2c5b8220f8			30-SEP-21 21:02:12	30-Sep-2021 21.50	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2840.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
7	353054789d			30-SEP-21 21:10:53	30-Sep-2021 21.50	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	2210.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
8	4f46b8284e			30-SEP-21 21:23:06	30-Sep-2021 21.50	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	3020.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
9	b8ff1e8a6b			30-SEP-21 21:47:39	01-Oct-2021 06.46	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	3510.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		



Receipt Date From:

## FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Annealing Loss	COMPARISON WITH STD	Compatibility Test	Flammability Test	LRT Test	METAL STABILIZATION REQUIRED	Moisture Content by KF	ODOR	PFLT Test	pH
10	5f0ce2391a			30-SEP-21 22:01:04	01-Oct-2021 06.45	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	3350.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
11	f262f07bf7			30-SEP-21 22:12:47	01-Oct-2021 06.41	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	3720.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
12	dee5c67d00			30-SEP-21 22:21:55	01-Oct-2021 06.41	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	2450.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
13	f40df0e97e			30-SEP-21 22:25:54	01-Oct-2021 06.42	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	2140.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
14	84fea9459c			30-SEP-21 22:54:14	01-Oct-2021 06.37	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1730.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
15	e9b2769861			30-SEP-21 23:03:17	01-Oct-2021 06.41	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	3220.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
16	c360849f75			30-SEP-21 23:32:18	01-Oct-2021 06.37	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	3200.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
17	2bd3e2582e			01-OCT-21 00:43:02	01-Oct-2021 06.32	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	2660.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
18	fac4ab6356			01-OCT-21 00:56:34	01-Oct-2021 06.30	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	3500.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		

Receipt Date From:

## FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Annealing Loss	COMPARISON WITH STD	Compatibility Test	Flammability Test	LRT Test	METAL STABILIZATION REQUIRED	Moisture Content by KF	ODOR	PFLT Test	pH
19	a9db217508			01-OCT-21 01:02:16	01-Oct-2021 06.33	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	3640.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
20	7b8ec70667			01-OCT-21 01:16:05	01-Oct-2021 06.29	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	3390.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
21	c651ef473a			01-OCT-21 01:29:41	01-Oct-2021 06.29	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	2180.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
22	083bf24421			01-OCT-21 02:21:33	01-Oct-2021 06.33	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	2750.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
23	b295fa8a73			01-OCT-21 02:23:04	01-Oct-2021 06.28	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2990.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
24	6a0515e8e0			01-OCT-21 02:38:20	01-Oct-2021 06.37	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	3470.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
25	7ce4fbef7			01-OCT-21 03:29:03	01-Oct-2021 06.33	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	3480.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
26	7610f3cb69			01-OCT-21 03:34:35	01-Oct-2021 06.45	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	3920.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
27	30d9f666c2			01-OCT-21 04:40:36	01-Oct-2021 06.37	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	2960.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		

Receipt Date From:

## FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Annealing Loss	COMPARISON WITH STD	Compatibility Test	Flammability Test	LRT Test	METAL STABILIZATION REQUIRED	Moisture Content by KF	ODOR	PFLT Test	pH
28	8d76770049			01-OCT-21 05:17:21	01-Oct-2021 06.37	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1680.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
29	438e95a619			01-OCT-21 05:49:00	01-Oct-2021 06.45	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1940.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
30	2d875d667c			01-OCT-21 05:54:28	01-Oct-2021 06.46	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2280.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
31	1dde3aabf0			01-OCT-21 08:06:50	01-Oct-2021 09.40	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2490.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
32	f8cdcbf548			01-OCT-21 08:16:14	01-Oct-2021 09.39	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2580.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
33	87747ccb21			01-OCT-21 08:18:52	01-Oct-2021 09.38	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1330.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
34	9f00e8a5ed			01-OCT-21 08:42:53	01-Oct-2021 12.16	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	1730.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
35	1d506cab8c			01-OCT-21 09:57:41	01-Oct-2021 12.17	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2960.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
36	e15b4e4972			01-OCT-21 10:22:37	01-Oct-2021 12.13	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1440.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		

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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	METAL STABILIZATION REQUIRED	Moisture Content by KF	ODOR	PFLT Test	pH
37	476b0f1e3b			01-OCT-21 10:41:03	01-Oct-2021 12.11	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	2750.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
38	53cd7089f5			01-OCT-21 10:42:21	01-Oct-2021 12.15	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2800.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
39	689009c531			01-OCT-21 10:44:50	01-Oct-2021 12.10	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	1070.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
40	b15f9bc0ed			01-OCT-21 11:27:05	01-Oct-2021 12.14	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2820.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
41	81e7009811			01-OCT-21 11:41:22	01-Oct-2021 12.13	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1170.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
42	e3854d0ad0			01-OCT-21 12:47:18	01-Oct-2021 18.30	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2470.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
43	42432398d1			01-OCT-21 13:28:38	01-Oct-2021 18.31	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	1980.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
44	2bd7a75ee7			01-OCT-21 13:29:31	01-Oct-2021 18.32	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1320.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
45	c90426d2d6			01-OCT-21 13:51:35	01-Oct-2021 18.25	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	3230.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		

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1	0c0273d902			30-OCT-21 16:14:06	30-Oct-2021 21.58	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	14780.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	15.8	NO	72.29	ODOURLESS	NOT PASS	7.5
2	1555106b33			31-OCT-21 08:04:18	01-Nov-2021 18.06	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16860.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	3.2	NO	16.22	ODOURLESS	NOT PASS	7.5
3	678372fcd5			31-OCT-21 08:26:56	01-Nov-2021 10.56	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	20000.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	3.5	NO	36.11	ODOURLESS	PASS	7.5
4	4c0e7e2c49			31-OCT-21 08:42:19	31-Oct-2021 18.32	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16790.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	7.4	NO	53.10	ODOURLESS	PASS	7.5
5	1f1b07c470			31-OCT-21 09:02:12	31-Oct-2021 18.29	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	8280.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	11.6	NO	61.30	ODOURLESS	NOT PASS	7.5
6	30f0aa5048			31-OCT-21 09:03:36	31-Oct-2021 18.23	ETP SLUDGE (34.3)	SOLID	CHEMICAL SLUDGE	17130.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	4.2	NO	37.12	ODOURLESS	PASS	7.5
7	fd197e2b13			31-OCT-21 11:44:38	31-Oct-2021 18.58	ETP SLUDGE (34.3)	SOLID	SOLID WASTE	17950.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	10.74	ODOURLESS	PASS	7.5
8	9b85329c5c			31-OCT-21 11:46:55	31-Oct-2021 19.00	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	4040.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	18.7	NO	65.12	ODOURLESS	PASS	7.5
9	1988b5bb13			31-OCT-21 12:53:21	31-Oct-2021 18.54	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16460.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	19.6	NO	71.15	ODOURLESS	NOT PASS	7.5

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10	3a8a8c965f			31-OCT-21 13:01:20	31-Oct-2021 19.16	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	17060.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	11.8	NO	56.44	ODOURLESS	PASS	7.5
11	d643b1eef7			31-OCT-21 13:03:20	31-Oct-2021 19.13	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	18960.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	9.0	NO	49.16	ODOURLESS	PASS	4.00
12	fc59fda99c			31-OCT-21 13:48:29	31-Oct-2021 19.21	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	18880.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	25.5	NO	46.22	ODOURLESS	NOT PASS	7.5
13	ba52401a01			31-OCT-21 15:00:51	01-Nov-2021 10.59	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	20340.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	8.2	NO	51.44	ODOURLESS	PASS	4.00
14	cb9bc99d9f			31-OCT-21 15:18:27	31-Oct-2021 19.33	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	18670.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.5	NO	18.22	ODOURLESS	PASS	7.5
15	cefe93e392			31-OCT-21 15:39:27	31-Oct-2021 19.47	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16980.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	3.3	NO	54.11	ODOURLESS	NOT PASS	7.5
16	03b252c973			31-OCT-21 15:41:41	31-Oct-2021 19.50	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16280.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	22.0	NO	62.20	ODOURLESS	NOT PASS	7.5
17	0fc4985c99			31-OCT-21 16:14:41	31-Oct-2021 19.50	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	17520.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	19.0	NO	65.44	ODOURLESS	NOT PASS	7.5
18	d6b73be460			31-OCT-21 16:29:00	01-Nov-2021 10.59	PROCESS RESIDUE WASTE (29.1)	SOLID	PROCESS WASTE	16510.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	4.6	NO	32.44	ODOURLESS	NOT PASS	7.5

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19	a3e022bf02			31-OCT-21 16:37:16	31-Oct-2021 19.52	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	1250.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
20	ae48f23ab8			31-OCT-21 17:20:22	01-Nov-2021 11.00	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	17300.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	18.6	NO	66.11	ODOURLESS	NOT PASS	7.5
21	e84c6310aa			31-OCT-21 17:39:03	31-Oct-2021 19.54	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	2735.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.6	NO	14.44	ODOURLESS	PASS	7.5
22	d11c87db08			31-OCT-21 17:41:38	31-Oct-2021 19.54	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	20170.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.8	NO	11.22	ODOURLESS	PASS	7.5
23	8c7e80f22f			31-OCT-21 20:10:16	31-Oct-2021 21.51	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1690.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
24	60e2e7093d			31-OCT-21 20:18:15	31-Oct-2021 21.51	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2310.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
25	c96fa46201			31-OCT-21 21:07:36	31-Oct-2021 21.53	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1070.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
26	bd67caab5b			31-OCT-21 21:23:53	01-Nov-2021 04.10	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1410.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
27	9ab4faa90f			31-OCT-21 22:00:59	01-Nov-2021 04.10	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1190.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		

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28	f8b49c6d33			31-OCT-21 22:05:22	01-Nov-2021 04.06	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1580.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
29	795936eb33			31-OCT-21 22:45:16	01-Nov-2021 04.04	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	2480.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
30	a730d4f2bf			31-OCT-21 23:01:08	01-Nov-2021 04.03	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1340.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
31	0d9d572562			31-OCT-21 23:33:08	01-Nov-2021 04.15	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	2570.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
32	d99e58e086			01-NOV-21 00:56:55	01-Nov-2021 04.13	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	2820.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
33	afb3dc095			01-NOV-21 01:58:30	01-Nov-2021 04.13	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	3030.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
34	12b638f611			01-NOV-21 03:40:50	01-Nov-2021 04.06	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	2110.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
35	67f0554953			01-NOV-21 04:21:31	01-Nov-2021 06.31	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1870.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
36	9727dee533			01-NOV-21 04:25:40	01-Nov-2021 06.31	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2060.00 0		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		



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37	9fc54bb9de			01-NOV-21 05:03:35	01-Nov-2021 06.29	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	2420.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
38	1701b9881b			01-NOV-21 05:46:04	01-Nov-2021 06.27	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1830.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
39	b40343a246			01-NOV-21 05:48:46	01-Nov-2021 06.27	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1470.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
40	257a1ad0ba			01-NOV-21 07:51:36	01-Nov-2021 18.52	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16370.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	3.4	NO	34.15	ODOURLESS	PASS	7.5
41	cc0f06ec39			01-NOV-21 07:52:53	01-Nov-2021 18.50	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	11215.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	3.2	NO	22.16	ODOURLESS	PASS	7.5
42	13d3286726			01-NOV-21 08:09:02	01-Nov-2021 09.11	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	2050.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
43	641361f798			01-NOV-21 08:14:13	01-Nov-2021 09.11	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2920.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
44	6be5551079			01-NOV-21 08:17:12	01-Nov-2021 18.50	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	18650.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.00	NO	13.25	ODOURLESS	PASS	7.5
45	e1be82ff41			01-NOV-21 08:39:56	01-Nov-2021 10.25	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	3790.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		

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1	3db7e29043			30-NOV-21 14:06:53	01-Dec-2021 15.50	PROCESS RESIDUE WASTE (29.1)	SOLID	PROCCES WASTE	21435.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	3.2	NO	26.18	ODOURLESS	PASS	7.5
2	154b2b9af8			30-NOV-21 15:07:54	30-Nov-2021 19.33	PROCESS RESIDUE WASTE (29.1)	SOLID	PROCESS WASTE	21520.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	13.59	ODOURLESS	PASS	7.5
3	a3431b02a0			30-NOV-21 15:19:06	30-Nov-2021 19.41	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	20730.000	19.90	COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	17.22	ODOURLESS	PASS	7.5
4	30e0c1373c			30-NOV-21 16:29:57	30-Nov-2021 19.44	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	14760.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	13.0	NO	53.45	ODOURLESS	NOT PASS	7.5
5	aeed1d1aa03			30-NOV-21 16:32:12	01-Dec-2021 15.50	PROCESS RESIDUE WASTE (29.1)	SOLID	SOLID WASTE	17710.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	3.2	NO	28.10	ODOURLESS	PASS	7.5
6	e1acc96b56			30-NOV-21 16:38:20	30-Nov-2021 19.45	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	13400.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	15.8	NO	73.10	ODOURLESS	NOT PASS	7.5
7	2d19d2d7b2			30-NOV-21 16:47:49	30-Nov-2021 19.47	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	11430.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	4.90	ODOURLESS	PASS	7.5
8	b4955a300f			30-NOV-21 16:51:20	30-Nov-2021 19.48	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	14860.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	20.56	ODOURLESS	PASS	7.5
9	f38fa4a3c7			30-NOV-21 16:54:56	30-Nov-2021 19.47	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	13110.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	11.46	ODOURLESS	PASS	7.5

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10	a05b6a7d78			30-NOV-21 17:19:47	01-Dec-2021 15.52	PROCESS RESIDUE WASTE (29.1)	SOLID	PROCESS WASTE	16440.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	4.8	NO	55.23	ODOURLESS	PASS	7.5
11	cec4e4aa94			30-NOV-21 18:05:51	01-Dec-2021 11.43	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	13890.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	15.0	NO	61.75	ODOURLESS	NOT PASS	7.5
12	a861b6c6fd			30-NOV-21 18:06:49	01-Dec-2021 11.33	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15710.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	13.6	NO	64.15	ODOURLESS	PASS	7.5
13	b2d251e64d			30-NOV-21 18:08:11	01-Dec-2021 11.41	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16070.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	13.2	NO	67.10	ODOURLESS	PASS	7.5
14	464c3fa154			30-NOV-21 23:44:55	01-Dec-2021 01.38	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	2040.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
15	32c5b637d9			01-DEC-21 00:41:38	01-Dec-2021 01.37	INCINERATION ASH (36.2)	SOLID	P_1 GCT ASH	3660.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
16	00cf19749c			01-DEC-21 00:55:28	01-Dec-2021 01.39	INCINERATION ASH (36.2)	SOLID	P_2 GCT ASH	2210.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
17	e86d3d816c			01-DEC-21 00:57:12	01-Dec-2021 01.40	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	3020.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
18	c40cc2c08f			01-DEC-21 01:59:15	01-Dec-2021 06.43	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1780.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		

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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	METAL STABILIZATION REQUIRED	Moisture Content by KF	ODOR	PFLT Test	pH
19	ac8ef5654f			01-DEC-21 05:08:03	01-Dec-2021 06.44	INCINERATION ASH (36.2)	SOLID	P_2 GCT ASH	2460.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
20	6080d26a42			01-DEC-21 08:03:18	01-Dec-2021 08.50	INCINERATION ASH (36.2)	SOLID	P_2 GCT ASH	2140.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
21	4c4aa7f105			01-DEC-21 08:06:23	01-Dec-2021 17.55	PROCESS RESIDUE WASTE (29.1)	SOLID	SOLID WASTE	17160.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	3.2	NO	24.14	ODOURLESS	PASS	7.5
22	4f366e6927			01-DEC-21 08:10:27	01-Dec-2021 17.55	INSULATION WASTE (31.1)	NON RECYCLE WASTE	INSULATION WASTE	990.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
23	e9b65ab86e			01-DEC-21 08:13:43	01-Dec-2021 19.47	PROCESS RESIDUE WASTE (29.1)	SOLID	SALT FROM EVAPORATION	19145.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.0	NO	19.15	ODOURLESS	PASS	7.5
24	128d20545b			01-DEC-21 08:18:21	01-Dec-2021 09.13	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	5050.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
25	a3df5108b3			01-DEC-21 08:19:23	01-Dec-2021 19.48	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	14470.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	9.0	NO	48.19	ODOURLESS	PASS	7.5
26	0ae001df22			01-DEC-21 08:25:17	01-Dec-2021 20.01	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16750.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	6.8	NO	38.16	ODOURLESS	PASS	4.00
27	573ba44797			01-DEC-21 08:30:04	01-Dec-2021 19.49	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	14280.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	11.0	NO	60.18	ODOURLESS	NOT PASS	7.5

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28	336e60d366			01-DEC-21 08:34:50	01-Dec-2021 19.58	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	13460.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	12.4	NO	56.18	ODOURLESS	PASS	7.5
29	7db3c49b11			01-DEC-21 08:39:56	01-Dec-2021 20.00	PROCESS RESIDUE WASTE (29.1)	SOLID	SOLID WASTE	16410.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.8	NO	20.18	ODOURLESS	PASS	7.5
30	ad78585cba			01-DEC-21 08:42:58	01-Dec-2021 19.59	PROCESS RESIDUE WASTE (29.1)	SOLID	SALT FROM EVAPORATION	19500.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.0	NO	16.25	ODOURLESS	PASS	7.5
31	a191654b16			01-DEC-21 09:32:46	01-Dec-2021 20.32	INSULATION WASTE (31.1)	NON RECYCLE WASTE	INSULATION WASTE	2030.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
32	2e07696721			01-DEC-21 09:40:29	01-Dec-2021 20.01	PROCESS RESIDUE WASTE (29.1)	SOLID	SOLID WASTE	16190.000	7.85	COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.0	NO	19.91	ODOURLESS	PASS	7.5
33	19c50e1d9b			01-DEC-21 09:42:36	01-Dec-2021 20.32	INSULATION WASTE (31.1)	NON RECYCLE WASTE	INSULATION WASTE	1340.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
34	c4055e9431			01-DEC-21 09:45:02	02-Dec-2021 07.56	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	595.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
35	53d0c05bd5			01-DEC-21 09:49:49	01-Dec-2021 20.25	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	4740.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.0	NO	30.08	ODOURLESS	PASS	7.5
36	116c159fd3			01-DEC-21 09:52:31	01-Dec-2021 20.35	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	4560.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.0	NO	26.18	ODOURLESS	PASS	7.5

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37	2a9567b2b7			01-DEC-21 10:05:41	01-Dec-2021 11.07	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1530.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
38	7628012132			01-DEC-21 10:07:05	01-Dec-2021 11.07	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	2820.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
39	2fcc318808			01-DEC-21 10:12:00	01-Dec-2021 11.05	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2330.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
40	333cba17c9			01-DEC-21 10:13:32	01-Dec-2021 11.04	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2910.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
41	877b5a96c4			01-DEC-21 10:28:31	01-Dec-2021 20.36	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16790.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	8.0	NO	60.75	ODOURLESS	NOT PASS	7.5
42	03737686e3			01-DEC-21 10:32:06	01-Dec-2021 20.41	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	6960.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	11.0	NO	55.14	ODOURLESS	PASS	7.5
43	1596f76fb3			01-DEC-21 11:01:53	01-Dec-2021 20.43	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	1070.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
44	5381cadc4f			01-DEC-21 11:04:58	01-Dec-2021 20.41	INSULATION WASTE (31.1)	NON RECYCLE WASTE	INSULATION WASTE	1390.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
45	fa1113a448			01-DEC-21 11:13:37	01-Dec-2021 11.38	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	2340.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		

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1	84a5434d0d			01-JAN-22 00:39:02	01-Jan-2022 06.28	INCINERATION ASH (36.2)	SOLID	P_2 GCT ASH	2980.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
2	2b03d5c049			01-JAN-22 04:26:22	01-Jan-2022 06.23	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	560.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
3	b745a5a61e			01-JAN-22 04:27:48	01-Jan-2022 06.23	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	440.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
4	320c5b5c32			01-JAN-22 04:40:30	01-Jan-2022 06.23	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	2550.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
5	7b5dabee28			01-JAN-22 05:40:32	01-Jan-2022 06.27	INCINERATION ASH (36.2)	SOLID	P_2 GCT ASH	2970.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
6	be4b24ba42			01-JAN-22 05:41:27	01-Jan-2022 06.28	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1220.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
7	d605550114			01-JAN-22 07:49:53	01-Jan-2022 19.23	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	21360.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	16.35	ODOURLESS	PASS	7.5
8	2ee51889a0			01-JAN-22 08:01:39	01-Jan-2022 19.23	ETP SLUDGE (34.3)	SOLID	CHEMICAL SLUDGE	16810.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	6.0	NO	27.15	ODOURLESS	PASS	7.5
9	0b6c1d055a			01-JAN-22 08:21:03	01-Jan-2022 18.54	INSULATION WASTE (31.1)	NON RECYCLE WASTE	INSULATION WASTE	2520.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		

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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	METAL STABILIZATION REQUIRED	Moisture Content by KF	ODOR	PFLT Test	pH
10	9012a4d6cc			01-JAN-22 08:26:59	01-Jan-2022 19.23	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	19725.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	13.70	ODOURLESS	PASS	7.5
11	2bc361700e			01-JAN-22 08:29:29	01-Jan-2022 09.06	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1240.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
12	792b1c8824			01-JAN-22 09:35:04	01-Jan-2022 19.23	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	7490.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	18.46	ODOURLESS	PASS	7.5
13	d25f4fd69d			01-JAN-22 09:38:05	01-Jan-2022 20.41	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	17060.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	6.5	NO	68.27	ODOURLESS	NOT PASS	7.5
14	263f9bebec			01-JAN-22 09:40:10	01-Jan-2022 19.24	ETP SLUDGE (34.3)	SOLID	CHEMICAL SLUDGE	15710.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	10.0	NO	63.12	ODOURLESS	PASS	7.5
15	727a197ba1			01-JAN-22 09:46:13	01-Jan-2022 19.23	ETP SLUDGE (34.3)	SOLID	CHEMICAL SLUDGE	17180.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	8.0	NO	39.16	ODOURLESS	PASS	7.5
16	c118ead30d			01-JAN-22 09:50:01	01-Jan-2022 19.23	ETP SLUDGE (34.3)	SOLID	CHEMICAL SLUDGE	15870.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	3.4	NO	30.12	ODOURLESS	PASS	7.5
17	b9f5024bdc			01-JAN-22 10:02:05	01-Jan-2022 18.54	INSULATION WASTE (31.1)	NON RECYCLE WASTE	INSULATION WASTE	3940.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
18	07e33ac0de			01-JAN-22 10:05:55	01-Jan-2022 19.28	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	17710.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	13.6	NO	57.23	ODOURLESS	PASS	7.5



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19	d0a2ef6c64			01-JAN-22 10:10:49	01-Jan-2022 10.30	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1240.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
20	3d0dcadc52			01-JAN-22 10:11:48	01-Jan-2022 10.29	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	1790.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
21	729bf01a5c			01-JAN-22 10:26:00	01-Jan-2022 18.54	INSULATION WASTE (31.1)	NON RECYCLE WASTE	GLASS WOOL	1990.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
22	85a35049fa			01-JAN-22 10:27:46	01-Jan-2022 11.23	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1660.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
23	c324cdb098			01-JAN-22 10:35:30	01-Jan-2022 18.54	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	2540.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
24	8fa19ad7b6			01-JAN-22 10:37:50	01-Jan-2022 18.56	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	3170.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
25	7dad5714a			01-JAN-22 10:56:45	01-Jan-2022 19.28	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	12850.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	12.6	NO	71.16	ODOURLESS	PASS	7.5
26	9a48a71fa3			01-JAN-22 11:01:18	01-Jan-2022 19.14	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	4850.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	3.2	NO	60.67	ODOURLESS	PASS	7.5
27	8b576191a4			01-JAN-22 11:15:47	01-Jan-2022 19.14	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	12350.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	5.0	NO	56.35	ODOURLESS	NOT PASS	7.5

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28	2491e1fa56			01-JAN-22 11:17:50	01-Jan-2022 19.14	ETP SLUDGE (34.3)	SOLID	CHEMICAL SLUDGE	14570.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	9.5	NO	63.24	ODOURLESS	PASS	7.5
29	d3840b4985			01-JAN-22 11:20:23	01-Jan-2022 19.14	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	17190.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	10.0	NO	57.23	ODOURLESS	PASS	7.5
30	cc50d5e003			01-JAN-22 11:26:58	01-Jan-2022 19.15	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16410.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	2.0	NO	31.52	ODOURLESS	PASS	7.5
31	c497a93d19			01-JAN-22 11:32:57	01-Jan-2022 19.14	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	12610.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	14.0	NO	69.27	ODOURLESS	PASS	7.5
32	c2448e5c45			01-JAN-22 11:35:29	01-Jan-2022 12.07	INCINERATION ASH (36.2)	SOLID	P_1 BURNT ASH	2890.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
33	1602f1be6c			01-JAN-22 11:40:47	01-Jan-2022 19.14	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	5990.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	3.5	NO	61.15	ODOURLESS	PASS	7.5
34	2005d3ce16			01-JAN-22 11:51:34	01-Jan-2022 19.15	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	12820.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	11.0	NO	67.12	ODOURLESS	PASS	7.5
35	a84df5dc25			01-JAN-22 11:54:26	01-Jan-2022 12.17	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2470.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
36	4072b2fa3a			01-JAN-22 12:26:15	01-Jan-2022 19.15	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	19160.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	15.0	NO	63.27	ODOURLESS	PASS	7.5

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37	59a0310a4c			01-JAN-22 12:41:26	01-Jan-2022 13.41	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2130.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
38	ba46a7ded9			01-JAN-22 12:56:28	02-Jan-2022 08.16	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	14670.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	4.2	NO	38.17	ODOURLESS	PASS	7.5
39	f3eefc9834			01-JAN-22 13:00:10	01-Jan-2022 19.15	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	20190.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	9.5	NO	40.58	ODOURLESS	PASS	7.5
40	5307e9d67d			01-JAN-22 13:45:26	01-Jan-2022 14.28	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1680.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
41	b931102992			01-JAN-22 13:47:14	01-Jan-2022 14.27	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	1930.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
42	7d8b2ddd2			01-JAN-22 13:51:44	02-Jan-2022 08.18	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16840.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	35.0	NO	72.10	ODOURLESS	PASS	7.5
43	f045a43010			01-JAN-22 13:54:48	02-Jan-2022 08.21	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15040.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	22.5	NO	71.53	ODOURLESS	NOT PASS	7.5
44	a3f7c2c771			01-JAN-22 13:55:56	01-Jan-2022 18.56	INSULATION WASTE (31.1)	NON RECYCLE WASTE	GLASS WOOL	2160.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
45	a9516ab46f			01-JAN-22 13:59:39	01-Jan-2022 20.08	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	17430.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	12.0	NO	48.62	ODOURLESS	PASS	7.5

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1	53be4b4dae			30-JAN-22 12:35:26	30-Jan-2022 18.36	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	18820.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	6.2	NO	ODOURLESS	PASS	7.5	
2	dce534a930			31-JAN-22 15:31:30	31-Jan-2022 21.36	PROCESS RESIDUE WASTE (29.1)	SOLID	PROCESSS WASTE	16800.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	3.6	NO	31.97	ODOURLESS	PASS	7.5
3	7e6344d750			31-JAN-22 15:36:43	31-Jan-2022 20.47	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	15030.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.2	NO	12.78	ODOURLESS	PASS	7.5
4	94d1e6f796			31-JAN-22 20:56:49	31-Jan-2022 21.48	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2930.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
5	8b3ff0048d			31-JAN-22 20:59:23	31-Jan-2022 21.48	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2830.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
6	a15961ac84			31-JAN-22 21:17:14	31-Jan-2022 22.38	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1980.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
7	20d0afa1a2			31-JAN-22 21:18:24	31-Jan-2022 22.04	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	1640.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
8	e98d9b4264			31-JAN-22 21:43:29	31-Jan-2022 22.05	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1940.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
9	f2075da974			31-JAN-22 21:44:37	31-Jan-2022 22.05	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	1790.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		

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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	Moisture Content by KF	Odor.	PFLT Test(Plain Filter Liquid Test)	pH
10	5fe2058db0			31-JAN-22 22:19:52	01-Feb-2022 00.44	INCINERATION ASH (36.2)	SOLID	P_2 GCT ASH	3290.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
11	f3a802140f			31-JAN-22 22:21:43	01-Feb-2022 00.44	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2490.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
12	e502abdaf7			31-JAN-22 22:31:53	01-Feb-2022 00.44	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2830.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
13	f43bae962b			01-FEB-22 00:29:52	01-Feb-2022 05.39	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1930.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
14	b046009607			01-FEB-22 00:31:14	01-Feb-2022 05.38	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2370.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
15	3bcf865847			01-FEB-22 00:55:38	01-Feb-2022 05.38	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2190.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
16	86e541ae13			01-FEB-22 02:37:08	01-Feb-2022 06.42	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2470.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
17	4779f3693f			01-FEB-22 02:43:11	01-Feb-2022 06.42	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2810.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
18	f567495f29			01-FEB-22 03:30:43	01-Feb-2022 08.30	INCINERATION ASH (36.2)	SOLID	P_2 GCT ASH	2790.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		

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19	7bf8319fe5			01-FEB-22 03:33:06	01-Feb-2022 08.29	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1680.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
20	0babadb637			01-FEB-22 04:38:25	01-Feb-2022 08.28	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2290.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
21	080f1b473c			01-FEB-22 04:43:38	01-Feb-2022 08.27	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2380.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
22	537fa90d9a			01-FEB-22 05:33:45	01-Feb-2022 08.26	INCINERATION ASH (36.2)	SOLID	P_2 GCT ASH	3040.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
23	a649766bac			01-FEB-22 05:36:29	01-Feb-2022 08.26	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	1780.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
24	aca3f282fb			01-FEB-22 05:38:16	01-Feb-2022 08.25	INCINERATION ASH (36.2)	SOLID	P_2 BURNT ASH	1750.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
25	efc0a116a0			01-FEB-22 06:05:49	01-Feb-2022 08.25	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1420.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
26	0839d1c28f			01-FEB-22 06:08:03	01-Feb-2022 08.22	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	1680.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
27	f58b6eff40			01-FEB-22 07:50:25	01-Feb-2022 08.32	INCINERATION ASH (36.2)	SOLID	P_2 LIME ASH	1600.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		

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28	9227b902e4			01-FEB-22 08:05:23	01-Feb-2022 15.43	ETP SLUDGE (34.3)	SOLID	CHEMICAL SLUDGE	19620.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	20.0	NO	58.12	ODOURLESS	NOT PASS	7.5
29	27247fde2			01-FEB-22 08:21:26	01-Feb-2022 16.50	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	360.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
30	30a05ad6da			01-FEB-22 08:23:05	01-Feb-2022 18.59	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	19640.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	12.8	NO	42.18	ODOURLESS	NOT PASS	7.5
31	2e25908f28			01-FEB-22 08:23:49	01-Feb-2022 08.53	INCINERATION ASH (36.2)	SOLID	P_1 LIME ASH	1360.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
32	de594289b5			01-FEB-22 08:24:52	01-Feb-2022 19.01	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	14420.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	30.08	ODOURLESS	PASS	7.5
33	7b0b4937d4			01-FEB-22 08:29:34	01-Feb-2022 19.02	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	14160.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	12.0	NO	54.05	ODOURLESS	PASS	7.5
34	0e519a2225			01-FEB-22 08:30:43	01-Feb-2022 19.00	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	10490.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	19.15	ODOURLESS	PASS	7.5
35	a1b82b4b15			01-FEB-22 08:35:22	01-Feb-2022 19.04	PROCESS RESIDUE WASTE (29.1)	SOLID	SALT FROM EVAPORATION	19220.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	15.74	ODOURLESS	PASS	7.5
36	94f404914d			01-FEB-22 08:37:32	01-Feb-2022 16.54	NON RECYCLE WASTE (33.3)	NON RECYCLE WASTE	NRP WASTE	2150.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		

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37	aaffa7047f			01-FEB-22 08:39:19	01-Feb-2022 19.05	PROCESS RESIDUE WASTE (29.1)	SOLID	PROCESS WASTE	9230.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	7.79	ODOURLESS	PASS	7.5
38	50028697c1			01-FEB-22 08:43:31	01-Feb-2022 09.02	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2420.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
39	1e7115c368			01-FEB-22 08:44:17	01-Feb-2022 09.03	PROCESS RESIDUE WASTE (29.1)	SOLID	MEE SALT BEIL	2540.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
40	ebd2b06399			01-FEB-22 09:33:46	01-Feb-2022 19.06	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	13980.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	12.8	NO	51.12	ODOURLESS	PASS	7.5
41	92a4503885			01-FEB-22 09:42:37	01-Feb-2022 19.07	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	8140.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.0	NO	26.14	ODOURLESS	PASS	7.5
42	bef9df99cc			01-FEB-22 09:45:39	01-Feb-2022 19.08	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	10970.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	20.0	NO	41.08	ODOURLESS	PASS	7.5
43	4844b47521			01-FEB-22 09:55:28	01-Feb-2022 19.09	ETP SLUDGE (34.3)	SOLID	CHEMICAL SLUDGE	11830.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	1.0	NO	19.15	ODOURLESS	PASS	7.5
44	8f22526fac			01-FEB-22 09:57:42	01-Feb-2022 19.35	ETP SLUDGE (34.3)	SOLID	ETP SLUDGE	16440.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	14.0	NO	46.18	ODOURLESS	NOT PASS	7.5
45	420d1d7aa9			01-FEB-22 10:00:15	01-Feb-2022 10.38	INCINERATION ASH (36.2)	SOLID	P_1 GCT ASH	2600.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		



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1	ec77138e3d			27-FEB-22 11:33:20	01-Mar-2022 09.15	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE WASTE.	20880.000	22.10	COMPARABLE	COMPATIBLE	NON-FLAMMABLE	7.5	NO	16.70	ODOURLESS	NOT PASS	7.5
2	479e0c0776			28-FEB-22 11:32:01	28-Feb-2022 18.52	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	15990.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	3.2	NO	20.14	ODOURLESS	PASS	7.5
3	2edf904814			28-FEB-22 11:47:31	28-Feb-2022 18.47	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	11990.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	19.4	NO	74.15	ODOURLESS	NOT PASS	7.5
4	573b25b95f			28-FEB-22 11:49:32	28-Feb-2022 18.45	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	15480.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	19.8	NO	69.72	ODOURLESS	NOT PASS	7.5
5	df34beb930			28-FEB-22 12:13:38	28-Feb-2022 18.47	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	11840.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	18.8	NO	69.75	ODOURLESS	NOT PASS	7.5
6	71042f8b0b			28-FEB-22 13:00:36	28-Feb-2022 19.03	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	13880.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	18.8	NO	74.18	ODOURLESS	NOT PASS	7.5
7	ea3e775951			28-FEB-22 13:33:39	28-Feb-2022 18.57	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	17140.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	4.2	NO	30.08	ODOURLESS	PASS	7.5
8	5f3c079a70			28-FEB-22 13:48:38	01-Mar-2022 11.35	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	9090.000	5.69	COMPARABLE	COMPATIBLE	NON-FLAMMABLE	9.0	NO	72.00	ODOURLESS	NOT PASS	7.5
9	007e0c13ed			28-FEB-22 14:01:44	28-Feb-2022 18.58	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	15080.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	3.8	NO	28.19	ODOURLESS	PASS	7.5

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10	b835abecec			28-FEB-22 16:44:08	28-Feb-2022 19.35	Brine sludge (16.3)	SOLID	BRINE SLUDGE.	28070.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	9.2	NO	39.73	ODOURLESS	NOT PASS	7.5
11	75d6cd230d			28-FEB-22 16:52:47	28-Feb-2022 19.35	Brine sludge (16.3)	SOLID	BRINE SLUDGE.	21400.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	9.3	NO	39.18	ODOURLESS	PASS	7.5
12	8e2fadef4b			28-FEB-22 17:15:30	28-Feb-2022 19.25	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	17765.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	2.9	NO	22.13	ODOURLESS	PASS	7.5
13	3b2b95af86			01-MAR-22 01:46:49	01-Mar-2022 03.06	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	1120.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
14	9800c34fc6			01-MAR-22 01:47:49	01-Mar-2022 03.09	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2910.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
15	9c3e85e718			01-MAR-22 02:57:59	01-Mar-2022 05.37	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2860.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
16	8a466ab27c			01-MAR-22 04:24:15	01-Mar-2022 05.35	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-2.	2560.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
17	b79f842dbd			01-MAR-22 04:25:36	01-Mar-2022 05.36	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	GCT ASH WASTE P-2.	2550.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
18	e9e7315431			01-MAR-22 05:00:49	01-Mar-2022 05.35	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-1.	1240.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		

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19	18b56f05dc			01-MAR-22 05:14:39	01-Mar-2022 06.06	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	BURNT ASH WASTE P-2.	1110.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
20	e17fb1bfeb			01-MAR-22 05:16:58	01-Mar-2022 06.04	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-2.	820.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
21	aa39e690f8			01-MAR-22 05:50:07	01-Mar-2022 06.03	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2240.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
22	c56fde0ab3			01-MAR-22 06:07:30	01-Mar-2022 09.40	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	3290.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
23	8d77619e4e			01-MAR-22 07:58:17	01-Mar-2022 17.59	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	17160.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	8.2	NO	72.18	ODOURLESS	NOT PASS	7.5
24	0473c1cfef			01-MAR-22 08:15:39	01-Mar-2022 09.40	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2980.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
25	70c6375d0d			01-MAR-22 08:20:05	01-Mar-2022 09.40	Chemical sludge from waste water treatment (35.3)	SOLID	MEE SPD SALT WASTE.	2650.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
26	42871a0bae			01-MAR-22 08:21:22	01-Mar-2022 15.40	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	18790.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.0	NO	12.37	ODOURLESS	PASS	7.5
27	f9ea0addf6			01-MAR-22 08:22:23	01-Mar-2022 17.59	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	19035.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	11.6	NO	38.19	ODOURLESS	NOT PASS	7.5

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28	e01f9a3429			01-MAR-22 08:24:01	01-Mar-2022 09.41	Ash from incinerator and flue gas cleaning residue (37.2)	SOLID	LIME ASH WASTE P-2.	1730.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
29	2141db4ec8			01-MAR-22 08:25:52	01-Mar-2022 15.40	Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (33.3)	NON RECYCLE WASTE	NRP WASTE.	1440.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
30	31c3002448			01-MAR-22 08:32:24	01-Mar-2022 15.40	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	17220.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.00	NO	12.82	ODOURLESS	PASS	7.5
31	a546429618			01-MAR-22 08:33:56	01-Mar-2022 15.40	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	18780.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.00	NO	12.56	ODOURLESS	PASS	7.5
32	e63ca68b4a			01-MAR-22 08:35:26	01-Mar-2022 15.40	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	7380.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	2.0	NO	21.43	ODOURLESS	PASS	7.5
33	a476adb0c8			01-MAR-22 08:37:30	01-Mar-2022 18.00	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	19350.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	6.6	NO	28.96	ODOURLESS	PASS	7.5
34	f463a3b2d8			01-MAR-22 08:38:41	01-Mar-2022 15.41	Insulation waste (Insulation)	NON RECYCLE WASTE	INSULATION WASTE.	1240.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
35	eb5cc25ee7			01-MAR-22 08:39:48	01-Mar-2022 15.40	Concentration or evaporation residues (37.3)	SOLID	CONCENTRATION WASTE.	18980.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.00	NO	16.18	ODOURLESS	PASS	7.5
36	f36a94fb8d			01-MAR-22 08:42:40	01-Mar-2022 17.59	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	17855.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.00	NO	31.18	ODOURLESS	PASS	7.5

Receipt Date From:

## FINGERPRINT ANALYSIS REPORT - LANDFILL

Receipt Date To:

Sr No	ID	MANIFEST	CUSTOMER	Inward Date	Analysis Date	Waste Type / Category No	Physical State	Product Code	Quantity (KG)	Annealing Loss	COMPARISON WITH STD	Compatibility Test	Flammability Test	LRT Test(Liquid release test )	METAL STABILIZATION REQUIRED	Moisture Content by KF	Odor.	PFLT Test(Plain Filter Liquid Test)	pH
37	b55383f191			01-MAR-22 08:49:27	01-Mar-2022 15.41	Insulation waste (Insulation)	NON RECYCLE WASTE	INSULATION WASTE.	1410.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
38	92b5399471			01-MAR-22 09:21:32	01-Mar-2022 18.00	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	15140.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	20.0	NO	58.69	ODOURLESS	NOT PASS	7.5
39	4aea07fad6			01-MAR-22 09:23:21	01-Mar-2022 18.00	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	15960.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	21.6	NO	45.60	ODOURLESS	NOT PASS	7.5
40	165cce8dee			01-MAR-22 09:27:02	01-Mar-2022 18.00	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE WASTE.	9420.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	8.6	NO	34.18	ODOURLESS	PASS	7.5
41	e54d62c700			01-MAR-22 09:30:15	01-Mar-2022 18.00	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	16740.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.00	NO	9.15	ODOURLESS	PASS	7.5
42	d928d317ce			01-MAR-22 09:33:02	01-Mar-2022 15.47	Insulation waste (Insulation)	NON RECYCLE WASTE	THERMOCOL.	230.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
43	87ad19e7ac			01-MAR-22 09:34:42	01-Mar-2022 15.47	Empty barrels/containers/liners contaminated with hazardous chemicals/wastes (33.3)	NON RECYCLE WASTE	NRP WASTE..	560.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE		NO		ODOURLESS		
44	0b187e5c90			01-MAR-22 09:36:20	01-Mar-2022 15.46	Chemical sludge from waste water treatment (35.3)	SOLID	ETP SLUDGE.	16220.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	2.4	NO	25.82	ODOURLESS	PASS	7.5
45	05c10118b6			01-MAR-22 09:49:49	01-Mar-2022 15.46	Lead (A5)	SOLID	LEAD CONTAMINATION WASTE.	12280.000		COMPARABLE	COMPATIBLE	NON-FLAMMABLE	0.00	NO	10.71	ODOURLESS	PASS	7.5



0/c  
**BEIL INFRASTRUCTURE LIMITED**  
(Formerly Known As Bharuch Enviro Infrastructure Limited)

Ref.: BEIL/ANK/OEP/2021-22

October 11, 2021

To,

Dy. Director of Industrial Safety and Health,  
2<sup>nd</sup> Floor, Multi-storied Building,  
Bharuch.

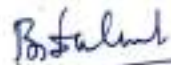
Subject: Submission of On-Site Emergency Plan for the year 2021-22.

Respected Sir,

Herewith, we are submitting the "On-Site Emergency Plan" updated in October-2021 for the year of 2021-22.

This is for your kind information & record please.

Thanking you,  
For, BEIL Infrastructure Limited, Ankleshwar.



B.D. Dalwadi

(Factory Manager)

21  
30/10/2021  
આવક નિયામક ઓફિસ  
જિલ્લા ભરૂચ  
૨૬૩૧



0/c  
**BEIL INFRASTRUCTURE LIMITED**  
(Formerly Known As Bharuch Enviro Infrastructure Limited)

Ref.: BEIL/ANK/OEP/2021-22

October 11, 2021

To,

Dy. Director of Industrial Safety and Health,  
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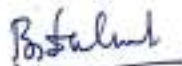
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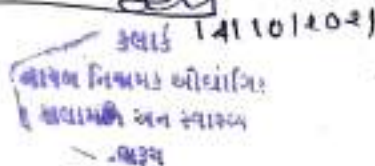
This is for your kind information & record please.

Thanking you,  
For, BEIL Infrastructure Limited, Ankleshwar.



B.D. Dalwadi

(Factory Manager)

  
30/10/2021  
આવક નિયંત્રણ વિભાગ  
બરુચ શહેર સરકાર  
-૦૨૨૫

## Environmental Management Plan Compliance

Discipline	Environmental hazard	Mitigation Measures and Action plan	Compliance Status
<b>Secured Landfill Facility</b>			
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.



<b>Transportation</b>			
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.
<b>Final Disposal</b>			
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.
<b>Monitoring Activity (Monitoring activity should continue even after closure of the facility)</b>			
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 &amp; 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:	<b>28 March 2015</b>
Original cycle start date for ISO 45001:	<b>22 May 2020</b>
Expiry date of previous cycle:	<b>27 March 2021</b>
Recertification Audit date:	<b>28 January 2021</b>
Recertification cycle start date:	<b>08 March 2021</b>

Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on: **27 March 2024**

Certificate No. **IND.21.7851/IM/U** Version : 1 Revision date: **08 March 2021**

**Signed on behalf of BVCH SAS – UK Branch**  
**Jagdheesh N. MANIAN**  
**Head – CERTIFICATION, South Asia**  
**Commodities, Industry & Facilities Division**



0008

Certification body address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom.

Local office: Bureau Veritas (India) Private Limited (Certification Business)  
72 Business Park, Marol Industrial Area, MIDC Cross Road "C",  
Andheri (East), Mumbai – 400 093, India.

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organization. To check this certificate validity please call **+91 22 6274 2000**.

**TEST CERTIFICATE FOR SOIL**

QF/7.8/37-EX

Page: 1 of 2

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 0388**  
Issue Date : **26/11/2021**  
Customer's Ref. : **W.O.No. 8521220045**  
Dated:19.04.2021

Description of Sample : **Soil Sample**  
Date of Sampling : **27/10/2021**  
Sampling By : **Pollucon Laboratories Pvt. Ltd.**  
Sample Receipt Date : **28/10/2021**  
Packing/ Seal : **Sealed**  
Date of Starting of Test : **28/10/2021**  
Test Method : **USEPA/IS 2720 etc.**  
Quantity/No. of Samples : **02 Kg/ Three**  
Sampling Procedure : **USEPA/IS 2720 etc.**  
Protocol (purpose) : **USEPA/IS 2720 etc.**  
Lab ID/Sub. : **BL/2110/23 TO 25**  
Test Parameters : **As per table**  
Date of Completion of Test : **08/11/2021**

**TEST RESULT**

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Jitali (N - 21° 37' 22.5" E - 073° 03'43.4")	Dadhaj (N - 21° 37' 55.9" E - 73° 03'42.1")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	
1	pH	--	8.69	8.71	8.59	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.37	1.46	1.42	IS:2720 (Part-22):2015
3	Organic Matter	%	2.36	2.51	2.44	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B:1996
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B:1996
6	Arsenic by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B:1996
7	Nickel as Ni by TCLP	mg/l	0.76	0.52	0.53	USEPA 3050 B:1996
8	Zinc as Zn by TCLP	mg/l	0.52	0.74	0.74	USEPA 3050 B:1996
9	Copper as Cu by TCLP	mg/l	0.78	0.68	0.45	USEPA 3050 B:1996
10	Iron as Fe by TCLP	mg/l	1.93	1.14	0.86	USEPA 3050 B:1996
11	Manganese as Mn by TCLP	mg/l	8.12	12	11.2	USEPA 3050 B:1996
12	Cobalt by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B:1996
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3060 B:1996
14	Mercury By TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 7471 B :2007
15	PAH	mg/Kg	BDL*	BDL*	BDL*	USEPA 3540-C :1996
16	Texture	--	Silt Loam	Loam	silt Loam	Soil manual of india Department of Agriculture & Coperation ministry of Agriculture Government of India 2011

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

Note: This report is subject to terms &amp; 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
- ISO 45001
- ISO 9001

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

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



**TEST CERTIFICATE FOR SOIL**

Customer's Name and Address :

QF/7.8/37-EX

Page: 2 of 2

**M/s. BEIL INFRATSTRUCTURE LTD,  
PLOT NO.9701-16, GIDC ESTATE  
POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0388**  
Issue Date : **26/11/2021**  
Customer's Ref. : **W.O.No. 8521220045**  
Dated:19.04.2021

**TEST RESULT**

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Jitli (N - 21° 37' 22.5" E - 073° 03' 43.4")	Dadhal (N - 21° 37' 55.9" E - 73° 03' 42.1")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	
17	Sand	%	19	29	45	Soil Manual of India
18	Clay	%	21	28	30	Soil Manual of India
19	Silt	%	60	43	25	Soil Manual of India
20	Porosity	%	39	39.2	37.6	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	10.26	9.2	11.18	IS 2720 (Part 24):2015
22	Water Holding capacity	%	43.28	50.6	42.8	Soil Manual of India
23	Bulk Density	gm/cm <sup>3</sup>	1.39	1.56	1.59	IS 2720 (Part 29):2015
24	SAR	-	9.12	8.7	10.38	Soil Manual of India
25	Available Nitrogen	mg/Kg	87	94	112	IS:14684:2014
26	Available Phosphorus	mg/Kg	463	458	376	IS:5305:2020
27	Exchangeable Calcium	meq/l	79	114	89	Soil Manual of India
28	Exchangeable Magnesium	meq/l	7.63	7.92	7.34	Soil Manual of India
29	Exchangeable Sodium	meq/l	69	68	86	IS : 9497:2020
30	Exchangeable Potassium	meq/l	8.24	5.9	7.74	IS : 9497:2020
31	Conductivity	µs/cm	419	433	318	IS : 14767 : 2016

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

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

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

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

**TEST CERTIFICATE FOR SOIL**

QF/7.8/37-EX

Customer's Name and Address :

Page: 1 of 2

**M/s. BEIL INFRASTRUCTURE LIMITED .**  
**PLOT NO.9701-16, GIDC ESTATE**  
**POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0389**  
 Issue Date : **26/11/2021**  
 Customer's Ref. : **W.O.No. 8521220045**  
 Dated: **19.04.2021**

Description of Sample : **Soil Sample**  
 Date of Sampling : **28/10/2021** Quantity/No. of Samples : **02 Kg/ Three**  
 Sampling By : **Pollucon Laboratories Pvt. Ltd.** Sampling Procedure : **USEPA/IS 2720 etc.**  
 Sample Receipt Date : **29/10/2021** Protocol (purpose) : **USEPA/IS 2720 etc.**  
 Packing/ Seal : **Sealed** Lab ID/Sub. : **BL/2110/32 & 33**  
 Date of Starting of Test : **29/10/2021** Test Parameters : **As per table**  
 Test Method : **USEPA/IS 2720 etc.** Date of Completion of Test : **08/11/2021**

**TEST RESULT**

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Motali (N 21.6511008 E 73.0421245)	Gadkhol (N 21.652289 E 73.0181463)	Methods
1	pH	--	8.29	8.45	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.23	1.34	IS:2720 (Part-22):2015
3	Organic Matter	%	2.12	2.31	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B:1996
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B:1996
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B:1996
7	Nickel as Ni by TCLP	mg/l	0.67	0.73	USEPA 3050 B:1996
8	Zinc as Zn by TCLP	mg/l	0.93	0.92	USEPA 3050 B:1996
9	Copper as Cu by TCLP	mg/l	0.49	0.47	USEPA 3050 B:1996
10	Iron as Fe by TCLP	mg/l	0.85	6.35	USEPA 3050 B:1996
11	Manganese as Mn by TCLP	mg/l	9.19	7.68	USEPA 3050 B:1996
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B:1996
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 3060 B:1996
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 7471 B :2007
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C :1996
16	Texture	--	Loam	silt Loam	Soil manual of india Department of Agriculture & Cooperation ministry of Agriculture Government of India 2011

*Continue..*

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

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

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

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

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



**TEST CERTIFICATE FOR SOIL**

QF/7.8/37-EX

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 0389**  
Issue Date : **26/11/2021**  
Customer's Ref. : **W.O.No. 8521220045**  
Dated: **19.04.2021**

**TEST RESULT**

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Motali (N 21.6511008 E 73.0421245)	Gadkhol (N 21.652289 E 73.0181463)	Methods
17	Sand	%	40	15	Soil Manual of India
18	Clay	%	21	22	Soil Manual of India
19	Silt	%	39	63	Soil Manual of India
20	Porosity	%	44.6	38	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	10.72	12.26	IS 2720 (Part 24):2015
22	Water Holding capacity	%	47.9	43.2	Soil Manual of India
23	Bulk Density	gm/cm <sup>3</sup>	1.60	1.58	IS 2720 (Part 29):2015
24	SAR	-	7.38	8.64	Soil Manual of India
25	Available Nitrogen	mg/Kg	147	110	IS:14684:2014
26	Available Phosphorus	mg/Kg	463	468	IS:5305:2020
27	Exchangeable Calcium	meq/l	102	93	Soil Manual of India
28	Exchangeable Magnesium	meq/l	8.14	8.14	Soil Manual of India
29	Exchangeable Sodium	meq/l	57	68	IS : 9497:2020
30	Exchangeable Potassium	meq/l	7.6	7.36	IS : 9497:2020
31	Conductivity	µs/cm	452	504	IS : 14767 : 2016

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

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

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**TEST CERTIFICATE FOR SOIL**

QF/7.B/37-EX

Customer's Name and Address :

Page: 1 of 2

**M/s. BEIL INFRASTRUCTURE LIMITED .**  
**PLOT NO.9701-16, GIDC ESTATE**  
**POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0390**  
 Issue Date : **26/11/2021**  
 Customer's Ref. : **W.O.No. 8521220045**  
 Dated:19.04.2021

Description of Sample : **Soil Sample**  
 Date of Sampling : **29/10/2021** Quantity/No. of Samples : **02 Kg/ Three**  
 Sampling By : **Pollucon Laboratories Pvt. Ltd.** Sampling Procedure : **USEPA/IS 2720 etc.**  
 Sample Receipt Date : **30/10/2021** Protocol (purpose) : **USEPA/IS 2720 etc.**  
 Packing/ Seal : **Sealed** Lab ID/Sub. : **BL/2110/42 TO 44**  
 Date of Starting of Test : **30/10/2021** Test Parameters : **As per table**  
 Test Method : **USEPA/IS 2720 etc.** Date of Completion of Test : **08/11/2021**

**TEST RESULT**

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Kapodra (N - 21° 35' 39.5" E - 73° 00' 30.1")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	
1	pH	--	8.69	8.81	8.38	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.72	1.56	1.55	IS:2720 (Part-22):2015
3	Organic Matter	%	2.96	2.69	2.67	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	0.058	0.048	BDL*	USEPA 3050 B:1996
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B:1996
6	Arsenic by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B:1996
7	Nickel as Ni by TCLP	mg/l	0.54	0.78	0.89	USEPA 3050 B:1996
8	Zinc as Zn by TCLP	mg/l	0.89	1.24	0.97	USEPA 3050 B:1996
9	Copper as Cu by TCLP	mg/l	0.43	0.52	0.84	USEPA 3050 B:1996
10	Iron as Fe by TCLP	mg/l	9.64	10.60	0.77	USEPA 3050 B:1996
11	Manganese as Mn by TCLP	mg/l	15.9	17.8	15.82	USEPA 3050 B:1996
12	Cobalt by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B:1996
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3060 B:1996
14	Mercury By TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 7471 B :2007
15	PAH	mg/Kg	BDL*	BDL*	BDL*	USEPA 3540-C :1996
16	Texture	--	Sandy loam	Loam	Sandy loam	Soil Manual of India

*Continue..*

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

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

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**TEST CERTIFICATE FOR SOIL**

Customer's Name and Address :

QF/7.8/37-EX

Page: 1 of 2

**M/s. BEIL INFRASTRUCTURE LIMITED .**  
**PLOT NO.9701-16, GIDC ESTATE**  
**POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0390**  
 Issue Date : **26/11/2021**  
 Customer's Ref. : **W.O.No. 8521220045**  
 Dated: **19.04.2021**

**TEST RESULT**

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Kapodra (N - 21° 35' 39.5" E - 73° 00' 30.1")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	
17	Sand	%	63	62	48	Soil Manual of India
18	Clay	%	11	15	28	Soil Manual of India
19	Silt	%	26	23	24	Soil Manual of India
20	Porosity	%	35.4	36.4	35	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	10.86	10.28	11.26	IS 2720 (Part 24):2015
22	Water Holding capacity	%	38.4	39.6	49.2	Soil Manual of India
23	Bulk Density	gm/cm <sup>3</sup>	1.52	1.63	1.60	IS 2720 (Part 29):2015
24	SAR	-	8.63	8.24	9.28	Soil Manual of India
25	Available Nitrogen	mg/Kg	95	109	119	IS:14684:2014
26	Available Phosphorus	mg/Kg	512	618	8.46	IS:5305:2020
27	Exchangeable Calcium	meq/l	82.6	97	97	Soil Manual of India
28	Exchangeable Magnesium	meq/l	8.93	7.82	8.29	Soil Manual of India
29	Exchangeable Sodium	meq/l	64	79	63	IS : 9497:2020
30	Exchangeable Potassium	meq/l	7.32	7.56	8.79	IS : 9497:2020
31	Conductivity	µs/cm	339	349	389	IS : 14767 : 2016

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

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

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## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 2

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 0439**  
 Issue Date : **15/12/2021**  
 Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

Description of Sample	: <b>Soil Sample</b>	Quantity/No. of Samples	: <b>02 Kg/ Three</b>
Date of Sampling	: <b>23/11/2021</b>	Sampling Procedure	: <b>USEPA/IS 2720 etc.</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>USEPA/IS 2720 etc.</b>
Sample Receipt Date	: <b>24/11/2021</b>	Lab ID/Sub.	: <b>BL/2111/31 &amp; 33</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>24/11/2021</b>	Date of Completion of Test	: <b>03/12/2021</b>
Test Method	: <b>USEPA/IS 2720 etc.</b>		

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	
1	pH	--	8.43	8.52	8.53	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.35	1.49	1.46	IS:2720 (Part-22):2015
3	Organic Matter	%	2.32	2.56	2.51	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	0.045	BDL*	BDL*	USEPA 3050 B:1996
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B:1996
6	Arsenic by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B:1996
7	Nickel as Ni by TCLP	mg/l	0.38	0.72	0.92	USEPA 3050 B:1996
8	Zinc as Zn by TCLP	mg/l	0.69	0.87	0.43	USEPA 3050 B:1996
9	Copper as Cu by TCLP	mg/l	0.37	0.69	0.65	USEPA 3050 B:1996
10	Iron as Fe by TCLP	mg/l	11.75	0.85	1.72	USEPA 3050 B:1996
11	Manganese as Mn by TCLP	mg/l	14.23	12.30	7.18	USEPA 3050 B:1996
12	Cobalt by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B:1996
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3060 B:1996
14	Mercury By TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 7471 B :2007
15	PAH	mg/Kg	BDL*	BDL*	BDL*	USEPA 3540-C :1996
16	Texture	--	Sandy loam	Sandy loam	Silt Loam	Soil manual of india

**Continue..**

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

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

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## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Customer's Name and Address :

Page: 2 of 2


**M/s. BEIL INFRASTRUCTURE LTD,  
PLOT NO.9701-16, GIDC ESTATE  
POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0439**  
Issue Date : **15/12/2021**  
Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	
17	Sand	%	61	53	18	Soil Manual of India
18	Clay	%	15	26	25	Soil Manual of India
19	Silt	%	24	21	57	Soil Manual of India
20	Porosity	%	39.8	38.4	34.8	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	11.42	11.80	10.74	IS 2720 (Part 24):2015
22	Water Holding capacity	%	35.0	45.72	45.6	Soil Manual of India
23	Bulk Density	gm/cm <sup>3</sup>	1.51	1.58	1.41	IS 2720 (Part 29):2015
24	SAR	-	9.30	10.36	8.67	Soil Manual of India
25	Available Nitrogen	mg/Kg	84	97	95	IS:14684:2014
26	Available Phosphorus	mg/Kg	452	7.94	503	IS:5305:2020
27	Exchangeable Calcium	meq/l	95.0	93	89.4	Soil Manual of India
28	Exchangeable Magnesium	meq/l	7.42	7.35	8.12	Soil Manual of India
29	Exchangeable Sodium	meq/l	79	72	57	IS : 9497:2020
30	Exchangeable Potassium	meq/l	8.20	8.12	9.32	IS : 9497:2020
31	Conductivity	µs/cm	354	374	389	IS : 14767 : 2016

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

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

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## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Customer's Name and Address :

Page: 1 of 2

**M/s. BEIL INFRASTRUCTURE LIMITED .**  
**PLOT NO.9701-16, GIDC ESTATE**  
**POST BOX NO.82, ANKLESHWAR, 393002**


Test Report No. : **PL/BL 0440**  
 Issue Date : **15/12/2021**  
 Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

Description of Sample	: <b>Soil Sample</b>	Quantity/No. of Samples	: <b>02 Kg/ Three</b>
Date of Sampling	: <b>24/11/2021</b>	Sampling Procedure	: <b>USEPA/IS 2720 etc.</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>USEPA/IS 2720 etc.</b>
Sample Receipt Date	: <b>25/11/2021</b>	Lab ID/Sub.	: <b>BL/2111/40 &amp; 42</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>25/11/2021</b>	Date of Completion of Test	: <b>04/12/2021</b>
Test Method	: <b>USEPA/IS 2720 etc.</b>		

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Dadhal (N - 21° 37' 55.9" E - 73° 03'42.1")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Kapodra (N - 21° 35' 39.5" E - 73° 00'30.1")	
1	pH	--	8.64	8.71	8.72	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.35	1.57	1.63	IS:2720 (Part-22):2015
3	Organic Matter	%	2.32	2.70	2.81	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	0.072	USEPA 3050 B:1996
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B:1996
6	Arsenic by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B:1996
7	Nickel as Ni by TCLP	mg/l	0.73	0.69	0.65	USEPA 3050 B:1996
8	Zinc as Zn by TCLP	mg/l	0.58	0.82	0.97	USEPA 3050 B:1996
9	Copper as Cu by TCLP	mg/l	0.81	0.34	0.63	USEPA 3050 B:1996
10	Iron as Fe by TCLP	mg/l	0.94	0.92	9.14	USEPA 3050 B:1996
11	Manganese as Mn by TCLP	mg/l	13.6	14.6	15.8	USEPA 3050 B:1996
12	Cobalt by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B:1996
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3060 B:1996
14	Mercury By TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 7471 B :2007
15	PAH	mg/Kg	BDL*	BDL*	BDL*	USEPA 3540-C :1996
16	Texture	--	clay Loam	Sandy loam	Sandy loam	Soil Manual of India

*Continue..*

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

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

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## TEST CERTIFICATE FOR SOIL

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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 0440**  
 Issue Date : **15/12/2021**  
 Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Dadhal (N - 21° 37' 55.9" E - 73° 03'42.1")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Kapodra (N - 21° 35' 39.5" E - 73° 00'30.1")	
17	Sand	%	27	43	60	Soil Manual of India
18	Clay	%	34	31	19	Soil Manual of India
19	Silt	%	39	26	21	Soil Manual of India
20	Porosity	%	41.8	35.2	32.8	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	10.1	10.94	10.7	IS 2720 (Part 24):2015
22	Water Holding capacity	%	46.7	39.8	43.0	Soil Manual of India
23	Bulk Density	gm/cm <sup>3</sup>	1.43	1.62	1.60	IS 2720 (Part 29):2015
24	SAR	-	9.8	11.28	8.72	Soil Manual of India
25	Available Nitrogen	mg/Kg	107	99.2	96	IS:14684:2014
26	Available Phosphorus	mg/Kg	463	408	658	IS:5305:2020
27	Exchangeable Calcium	meq/l	102	93	87	Soil Manual of India
28	Exchangeable Magnesium	meq/l	7.80	8.3	8.14	Soil Manual of India
29	Exchangeable Sodium	meq/l	74	77	63	IS : 9497:2020
30	Exchangeable Potassium	meq/l	8.1	8.64	7.20	IS : 9497:2020
31	Conductivity	μs/cm	426	328	319	IS : 14767 : 2016

  
**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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## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Customer's Name and Address :

Page: 1 of 2

**M/s. BEIL INFRASTRUCTURE LIMITED .**  
**PLOT NO.9701-16, GIDC ESTATE**  
**POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0441**  
 Issue Date : **15/12/2021**  
 Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

Description of Sample	: <b>Soil Sample</b>	Quantity/No. of Samples	: <b>02 Kg/ Three</b>
Date of Sampling	: <b>27/11/2021</b>	Sampling Procedure	: <b>USEPA/IS 2720 etc.</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>USEPA/IS 2720 etc.</b>
Sample Receipt Date	: <b>28/11/2021</b>	Lab ID/Sub.	: <b>BL/2111/50 &amp; 51</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>28/11/2021</b>	Date of Completion of Test	: <b>08/12/2021</b>
Test Method	: <b>USEPA/IS 2720 etc.</b>		

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Motali (N 21.6511008 E 73.0421245)	Gadkhol (N 21.652289 E 73.0181463)	Methods
1	pH	--	9.47	8.63	IS:2720 (Part-26):2016
2	Organic Carbon	%	1.36	1.47	IS:2720 (Part-22):2015
3	Organic Matter	%	2.34	2.53	IS:2720 (Part-22):2015
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B:1996
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B:1996
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B:1996
7	Nickel as Ni by TCLP	mg/l	0.59	0.62	USEPA 3050 B:1996
8	Zinc as Zn by TCLP	mg/l	0.82	0.81	USEPA 3050 B:1996
9	Copper as Cu by TCLP	mg/l	0.57	0.37	USEPA 3050 B:1996
10	Iron as Fe by TCLP	mg/l	0.92	6.12	USEPA 3050 B:1996
11	Manganese as Mn by TCLP	mg/l	8.34	9.26	USEPA 3050 B:1996
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B:1996
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 3060 B:1996
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 7471 B :2007
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C :1996
16	Texture	--	Loam	silt Loam	Soil manual of india

*Continue..*

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

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

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Customer's Name and Address :

Page: 2 of 2

**M/s. BEIL INFRASTRUCTURE LIMITED .**  
**PLOT NO.9701-16, GIDC ESTATE**  
**POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0441**  
 Issue Date : **15/12/2021**  
 Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Motali (N 21.6511008 E 73.0421245)	Gadkhol (N 21.652289 E 73.0181463)	Methods
17	Sand	%	39	17	Soil Manual of India
18	Clay	%	19	23	Soil Manual of India
19	Silt	%	42	60	Soil Manual of India
20	Porosity	%	41.8	36	P.K gupta : 2004
21	Cation Exchange Capacity	meq/100 gm	10.94	11.38	IS 2720 (Part 24):2015
22	Water Holding capacity	%	53.2	44.2	Soil Manual of India
23	Bulk Density	gm/cm <sup>3</sup>	1.62	1.54	IS 2720 (Part 29):2015
24	SAR	-	8.14	9.20	Soil Manual of India
25	Available Nitrogen	mg/Kg	168	89.7	IS:14684:2014
26	Available Phosphorus	mg/Kg	412	482	IS:5305:2020
27	Exchangeable Calcium	meq/l	93	80	Soil Manual of India
28	Exchangeable Magnesium	meq/l	7.64	7.94	Soil Manual of India
29	Exchangeable Sodium	meq/l	63	63	IS : 9497:2020
30	Exchangeable Potassium	meq/l	8.3	6.84	IS : 9497:2020
31	Conductivity	µs/cm	418	473	IS : 14767 : 2016

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

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

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## TEST CERTIFICATE FOR SOIL

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Page: 1 of 2

Customer's Name and Address :

<b>M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0474</b> Issue Date : <b>29/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045 Dated:19.04.2021</b>
---	---

Description of Sample	: <b>Soil Sample</b>	Quantity/No. of Samples	: <b>02 Kg/ Three</b>
Date of Sampling	: <b>18/12/2021</b>	Sampling Procedure	: <b>USEPA/IS 2720 etc.</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>USEPA/IS 2720 etc.</b>
Sample Receipt Date	: <b>20/12/2021</b>	Lab ID/Sub.	: <b>BL/2112/28 &amp; 30</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>20/12/2021</b>	Date of Completion of Test	: <b>29/12/2021</b>
Test Method	: <b>USEPA/IS 2720 etc.</b>		

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			
			Motali (N 21.6511008 E 73.0421245)	Gadkhol (N 21.652289 E 73.0181463)	Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	Methods
1	pH	--	8.49	8.53	8.64	IS:2720 (Part-26)
2	Organic Carbon	%	1.53	1.39	1.35	IS:2720 (Part-22)
3	Organic Matter	%	2.63	2.39	2.32	IS:2720 (Part-22)
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B
7	Nickel as Ni by TCLP	mg/l	0.75	0.83	0.87	USEPA 3050 B
8	Zinc as Zn by TCLP	mg/l	1.12	0.97	0.56	USEPA 3050 B
9	Copper as Cu by TCLP	mg/l	0.69	0.58	0.82	USEPA 3050 B
10	Iron as Fe by TCLP	mg/l	1.35	6.72	1.56	USEPA 3050 B
11	Manganese as Mn by TCLP	mg/l	12.84	11.84	8.41	USEPA 3050 B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3060 B
14	Mercury By TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 7471 B
15	PAH	mg/Kg	BDL*	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Loam	silt Loam	Silt Loam	Soil manual of india

*Continue..*



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



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

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**TEST CERTIFICATE FOR SOIL**

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Page: 2 of 2

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 0474**  
Issue Date : **29/12/2021**  
Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

**TEST RESULT**

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Motali (N 21.6511008 E 73.0421245)	Gadkhol (N 21.652289 E 73.0181463)	Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	
17	Sand	%	38	17	19	Soil Manual of India
18	Clay	%	22	21	20	Soil Manual of India
19	Silt	%	40	62	61	Soil Manual of India
20	Porosity	%	39.3	38.7	34.2	P.K gupta
21	Cation Exchange Capacity	meq/100 gm	10.62	11.20	10.18	IS 2720 (Part 24)
22	Water Holding capacity	%	51.7	42.79	47.40	Soil Manual of India
23	Bulk Density	gm/cm <sup>3</sup>	1.60	1.51	1.38	IS 2720 (Part 29)
24	SAR	-	7.96	8.34	8.14	Soil Manual of India
25	Available Nitrogen	mg/Kg	175	107	82.6	IS:14684
26	Available Phosphorus	mg/Kg	436	453	452	IS:5305
27	Exchangeable Calcium	meq/l	117	92	92.0	Soil Manual of India
28	Exchangeable Magnesium	meq/l	8.29	8.13	7.58	Soil Manual of India
29	Exchangeable Sodium	meq/l	54	72	61	IS : 9497
30	Exchangeable Potassium	meq/l	7.74	7.58	8.54	IS : 9497
31	Conductivity	mmho/cm	468	513	430	IS : 14767

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

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

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## TEST CERTIFICATE FOR SOIL

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Page: 1 of 2

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0475</b> Issue Date : <b>29/12/2021</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Description of Sample	: <b>Soil Sample</b>	
Date of Sampling	: <b>18/12/2021</b>	Quantity/No. of Samples : <b>02 Kg/ Three</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Sampling Procedure : <b>USEPA/IS 2720 etc.</b>
Sample Receipt Date	: <b>20/12/2021</b>	Protocol (purpose) : <b>USEPA/IS 2720 etc.</b>
Packing/ Seal	: <b>Sealed</b>	Lab ID/Sub. : <b>BL/2112/31 &amp; 32</b>
Date of Starting of Test	: <b>20/12/2021</b>	Test Parameters : <b>As per table</b>
Test Method	: <b>USEPA/IS 2720 etc.</b>	Date of Completion of Test : <b>29/12/2021</b>

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Dadhal (N - 21° 37' 55.9" E - 73° 03'42.1")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Methods
1	pH	--	8.43	8.39	IS:2720 (Part-26)
2	Organic Carbon	%	1.52	1.64	IS:2720 (Part-22)
3	Organic Matter	%	2.62	2.82	IS:2720 (Part-22)
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
7	Nickel as Ni by TCLP	mg/l	0.69	0.79	USEPA 3050 B
8	Zinc as Zn by TCLP	mg/l	0.72	0.64	USEPA 3050 B
9	Copper as Cu by TCLP	mg/l	0.93	0.68	USEPA 3050 B
10	Iron as Fe by TCLP	mg/l	1.18	0.74	USEPA 3050 B
11	Manganese as Mn by TCLP	mg/l	14.27	16.32	USEPA 3050 B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 3060 B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 7471 B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	clay Loam	Sandy loam	Soil manual of india

*Continue..*

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

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QF/7.8/37-EX

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 0475  
Issue Date : 29/12/2021  
Customer's Ref. : W.O.No. 8521220045  
Dated:19.04.2021

TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Dadhah (N - 21° 37' 55.9" E - 73° 03' 42.1")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Methods
17	Sand	%	27	42	Soil Manual of India
18	Clay	%	32	33	Soil Manual of India
19	Silt	%	41	25	Soil Manual of India
20	Porosity	%	37.6	37.9	P.K gupta
21	Cation Exchange Capacity	meq/100 gm	9.54	10.28	IS 2720 (Part 24)
22	Water Holding capacity	%	49.30	36.47	Soil Manual of India
23	Bulk Density	gm/cm <sup>3</sup>	1.47	1.58	IS 2720 (Part 29)
24	SAR	-	10.26	10.93	Soil Manual of India
25	Available Nitrogen	mg/Kg	98.3	108	IS:14684
26	Available Phosphorus	mg/Kg	512	426	IS:5305
27	Exchangeable Calcium	meq/l	109	109	Soil Manual of India
28	Exchangeable Magnesium	meq/l	8.40	7.8	Soil Manual of India
29	Exchangeable Sodium	meq/l	67	82	IS : 9497
30	Exchangeable Potassium	meq/l	7.52	9.53	IS : 9497
31	Conductivity	mmho/cm	443	309	IS : 14767

H. T. Shah  
Lab. Manager

Dr. ArunBajpai  
Lab Manager (Q)

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## TEST CERTIFICATE FOR SOIL

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Page: 1 of 2

Customer's Name and Address :

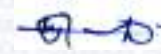
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0482</b> Issue Date : <b>04/01/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
---	---

Description of Sample	: <b>Soil Sample</b>		
Date of Sampling	: <b>24/12/2021</b>	Quantity/No. of Samples	: <b>02 Kg/ Three</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Sampling Procedure	: <b>USEPA/IS 2720 etc.</b>
Sample Receipt Date	: <b>25/12/2021</b>	Protocol (purpose)	: <b>USEPA/IS 2720 etc.</b>
Packing/ Seal	: <b>Sealed</b>	Lab ID/Sub.	: <b>BL/2112/39 &amp; 41</b>
Date of Starting of Test	: <b>25/12/2021</b>	Test Parameters	: <b>As per table</b>
Test Method	: <b>USEPA/IS 2720 etc.</b>	Date of Completion of Test	: <b>04/01/2022</b>

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	Kapodra (N - 21° 35' 39.5" E - 73° 00'30.1")	
1	pH	--	8.57	8.65	8.84	IS:2720 (Part-26)
2	Organic Carbon	%	1.45	1.42	1.57	IS:2720 (Part-22)
3	Organic Matter	%	2.51	2.44	2.70	IS:2720 (Part-22)
4	Cadmium as cd by TCLP	mg/l	0.069	BDL*	0.06	USEPA 3050 B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B
7	Nickel as Ni by TCLP	mg/l	0.53	0.85	0.80	USEPA 3050 B
8	Zinc as Zn by TCLP	mg/l	0.77	0.98	1.18	USEPA 3050 B
9	Copper as Cu by TCLP	mg/l	0.45	0.91	0.54	USEPA 3050 B
10	Iron as Fe by TCLP	mg/l	10.36	1.08	11.73	USEPA 3050 B
11	Manganese as Mn by TCLP	mg/l	16.28	15.40	12.8	USEPA 3050 B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3060 B
14	Mercury By TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 7471 B
15	PAH	mg/Kg	BDL*	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Sandy loam	Sandy loam	Sandy loam	Soil manual of india

*Continue..*

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

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

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 ● ISO 9001 : 2008

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## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

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 0482**  
Issue Date : **04/01/2022**  
Customer's Ref. : **W.O.No. 8521220045**  
Dated:**19.04.2021**

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	Kapodra (N - 21° 35' 39.5" E - 73° 00'30.1")	
17	Sand	%	63	55	61	Soil Manual of India
18	Clay	%	16	24	17	Soil Manual of India
19	Silt	%	21	21	22	Soil Manual of India
20	Porosity	%	43.8	41.8	33.8	P.K gupta
21	Cation Exchange Capacity	meq/100 gm	10.53	10.23	11.29	IS 2720 (Part 24)
22	Water Holding capacity	%	33.6	41.68	38.0	Soil Manual of India
23	Bulk Density	gm/cm <sup>3</sup>	1.53	1.54	1.68	IS 2720 (Part 29)
24	SAR	-	8.74	9.72	9.13	Soil Manual of India
25	Available Nitrogen	mg/Kg	102	112	85	IS:14684
26	Available Phosphorus	mg/Kg	508	8.26	679	IS:5305
27	Exchangeable Calcium	meq/l	112	104	103	Soil Manual of India
28	Exchangeable Magnesium	meq/l	8.46	7.90	7.46	Soil Manual of India
29	Exchangeable Sodium	meq/l	65	65	82	IS : 9497
30	Exchangeable Potassium	meq/l	7.83	7.73	7.94	IS : 9497
31	Conductivity	mmho/cm	392	394	338	IS : 14767



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



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

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

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

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

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

## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 2

Customer's Name and Address :

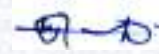
<b>M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0028</b> Issue Date : <b>03/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045 Dated:19.04.2021</b>
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Description of Sample	: <b>Soil Sample</b>	Quantity/No. of Samples	: <b>02 Kg/ Three</b>
Date of Sampling	: <b>24/01/2022</b>	Sampling Procedure	: <b>USEPA/IS 2720 etc.</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>USEPA/IS 2720 etc.</b>
Sample Receipt Date	: <b>25/01/2022</b>	Lab ID/Sub.	: <b>BL/2201/14D to 14F</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>25/01/2022</b>	Date of Completion of Test	: <b>03/02/2022</b>
Test Method	: <b>USEPA/IS 2720 etc.</b>		

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	Kapodra (N - 21° 35' 39.5" E - 73° 00'30.1")	
1	pH	--	8.07	8.46	8.72	IS:2720 (Part-26)
2	Organic Carbon	%	1.23	1.28	1.32	IS:2720 (Part-22)
3	Organic Matter	%	2.12	2.20	2.27	IS:2720 (Part-22)
4	Cadmium as cd by TCLP	mg/l	0.057	BDL*	0.09	USEPA 3050 B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B
7	Nickel as Ni by TCLP	mg/l	0.48	0.79	0.73	USEPA 3050 B
8	Zinc as Zn by TCLP	mg/l	0.79	0.85	1.26	USEPA 3050 B
9	Copper as Cu by TCLP	mg/l	0.52	0.78	0.47	USEPA 3050 B
10	Iron as Fe by TCLP	mg/l	9.73	1.13	9.63	USEPA 3050 B
11	Manganese as Mn by TCLP	mg/l	12.98	12.86	14.8	USEPA 3050 B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3060 B
14	Mercury By TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 7471 B
15	PAH	mg/Kg	BDL*	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Sandy loam	Sandy loam	Sandy loam	Soil manual of india

*Continue..*

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

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

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

**TEST CERTIFICATE FOR SOIL**

QF/7.8/37-EX

Page: 2 of 2

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0028</b>
	Issue Date : <b>03/02/2022</b>
	Customer's Ref. : <b>W.O.No. 8521220045 Dated:19.04.2021</b>

**TEST RESULT**

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	Kapodra (N - 21° 35' 39.5" E - 73° 00'30.1")	
17	Sand	%	64	52	62	Soil Manual of India
18	Clay	%	13	25	18	Soil Manual of India
19	Silt	%	23	23	20	Soil Manual of India
20	Porosity	%	41.63	36.79	35.92	P.K gupta
21	Cation Exchange Capacity	meq/100 gm	10.76	10.58	10.32	IS 2720 (Part 24)
22	Water Holding capacity	%	35.2	43.29	41.76	Soil Manual of India
23	Bulk Density	gm/cm <sup>3</sup>	1.49	1.58	1.62	IS 2720 (Part 29)
24	SAR	-	8.62	10.27	8.89	Soil Manual of India
25	Available Nitrogen	mg/Kg	97	103	97	IS:14684
26	Available Phosphorus	mg/Kg	492	7.64	628	IS:5305
27	Exchangeable Calcium	meq/l	89.4	98.2	93	Soil Manual of India
28	Exchangeable Magnesium	meq/l	7.26	8.37	8.24	Soil Manual of India
29	Exchangeable Sodium	meq/l	83	79	96.8	IS : 9497
30	Exchangeable Potassium	meq/l	7.52	8.25	7.28	IS : 9497
31	Conductivity	µmho/cm	384	386	356	IS : 14767

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

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

## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 2

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0040</b> Issue Date : <b>05/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Description of Sample	: <b>Soil Sample</b>		
Date of Sampling	: <b>26/01/2022</b>	Quantity/No. of Samples	: <b>02 Kg/ Three</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Sampling Procedure	: <b>USEPA/IS 2720 etc.</b>
Sample Receipt Date	: <b>27/01/2022</b>	Protocol (purpose)	: <b>USEPA/IS 2720 etc.</b>
Packing/ Seal	: <b>Sealed</b>	Lab ID/Sub.	: <b>BL/2201/23 to 25</b>
Date of Starting of Test	: <b>27/01/2022</b>	Test Parameters	: <b>As per table</b>
Test Method	: <b>USEPA/IS 2720 etc.</b>	Date of Completion of Test	: <b>05/02/2022</b>

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Motali (N 21.6511008 E 73.0421245)	Gadkhol (N 21.652289 E 73.0181463)	Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	
1	pH	--	8.09	8.41	8.73	IS:2720 (Part-26)
2	Organic Carbon	%	1.12	1.23	1.24	IS:2720 (Part-22)
3	Organic Matter	%	1.93	2.12	2.13	IS:2720 (Part-22)
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B
7	Nickel as Ni by TCLP	mg/l	0.67	0.79	0.95	USEPA 3050 B
8	Zinc as Zn by TCLP	mg/l	0.94	0.85	0.47	USEPA 3050 B
9	Copper as Cu by TCLP	mg/l	0.51	0.43	0.78	USEPA 3050 B
10	Iron as Fe by TCLP	mg/l	1.29	8.19	1.64	USEPA 3050 B
11	Manganese as Mn by TCLP	mg/l	7.30	9.37	7.58	USEPA 3050 B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3050 B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 3060 B
14	Mercury By TCLP	mg/l	BDL*	BDL*	BDL*	USEPA 7471 B
15	PAH	mg/Kg	BDL*	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Loam	silt Loam	Silt Loam	Soil manual of india

*Continue..*

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

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

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

## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

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 0040**  
 Issue Date : **05/02/2022**  
 Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT			Methods
			Motali (N 21.6511008 E 73.0421245)	Gadkhol (N 21.652289 E 73.0181463)	Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	
17	Sand	%	39	16	20	Soil Manual of India
18	Clay	%	23	19	21	Soil Manual of India
19	Silt	%	38	65	59	Soil Manual of India
20	Porosity	%	41.92	41.73	37.8	P.K gupta
21	Cation Exchange Capacity	meq/100 gm	10.38	12.36	10.53	IS 2720 (Part 24)
22	Water Holding capacity	%	49.26	44.70	43.68	Soil Manual of India
23	Bulk Density	gm/cm <sup>3</sup>	1.63	1.56	1.45	IS 2720 (Part 29)
24	SAR	-	8.20	9.37	8.73	Soil Manual of India
25	Available Nitrogen	mg/Kg	162	96.98	99.4	IS:14684
26	Available Phosphorus	mg/Kg	423	414	478	IS:5305
27	Exchangeable Calcium	meq/l	106	102	102.0	Soil Manual of India
28	Exchangeable Magnesium	meq/l	7.32	7.58	8.39	Soil Manual of India
29	Exchangeable Sodium	meq/l	76	79.2	68	IS : 9497
30	Exchangeable Potassium	meq/l	8.20	6.29	9.26	IS : 9497
31	Conductivity	µmho/cm	479	532	413	IS : 14767

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

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

## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 2

Customer's Name and Address :

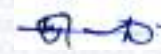
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0041</b> Issue Date : <b>05/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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Description of Sample	: <b>Soil Sample</b>	
Date of Sampling	: <b>26/01/2022</b>	Quantity/No. of Samples : <b>02 Kg/ Three</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Sampling Procedure : <b>USEPA/IS 2720 etc.</b>
Sample Receipt Date	: <b>27/01/2022</b>	Protocol (purpose) : <b>USEPA/IS 2720 etc.</b>
Packing/ Seal	: <b>Sealed</b>	Lab ID/Sub. : <b>BL/2201/26 &amp; 27</b>
Date of Starting of Test	: <b>27/01/2022</b>	Test Parameters : <b>As per table</b>
Test Method	: <b>USEPA/IS 2720 etc.</b>	Date of Completion of Test : <b>05/02/2022</b>

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Dadhhal (N - 21° 37' 55.9" E - 73° 03'42.1")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Methods
1	pH	--	8.14	8.87	IS:2720 (Part-26)
2	Organic Carbon	%	1.26	1.38	IS:2720 (Part-22)
3	Organic Matter	%	2.17	2.37	IS:2720 (Part-22)
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
7	Nickel as Ni by TCLP	mg/l	0.56	0.61	USEPA 3050 B
8	Zinc as Zn by TCLP	mg/l	0.63	0.89	USEPA 3050 B
9	Copper as Cu by TCLP	mg/l	0.78	0.53	USEPA 3050 B
10	Iron as Fe by TCLP	mg/l	0.91	0.95	USEPA 3050 B
11	Manganese as Mn by TCLP	mg/l	12.80	13.2	USEPA 3050 B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 3060 B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 7471 B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	clay Loam	Sandy loam	Soil manual of india

*Continue..*

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

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

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

## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX


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Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0041</b> Issue Date : <b>05/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <span style="float: right;">Dated:19.04.2021</span>
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### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Dadhral (N - 21° 37' 55.9" E - 73° 03' 42.1")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Methods
17	Sand	%	28	42	Soil Manual of India
18	Clay	%	34	31	Soil Manual of India
19	Silt	%	38	27	Soil Manual of India
20	Porosity	%	39.6	42.8	P.K gupta
21	Cation Exchange Capacity	meq/100 gm	10.26	10.39	IS 2720 (Part 24)
22	Water Holding capacity	%	45.74	35.2	Soil Manual of India
23	Bulk Density	gm/cm <sup>3</sup>	1.42	1.49	IS 2720 (Part 29)
24	SAR	-	9.3	11.30	Soil Manual of India
25	Available Nitrogen	mg/Kg	106	92	IS:14684
26	Available Phosphorus	mg/Kg	452	384	IS:5305
27	Exchangeable Calcium	meq/l	93	90	Soil Manual of India
28	Exchangeable Magnesium	meq/l	7.68	8.3	Soil Manual of India
29	Exchangeable Sodium	meq/l	71	94	IS : 9497
30	Exchangeable Potassium	meq/l	8.43	8.28	IS : 9497
31	Conductivity	µmho/cm	458	339	IS : 14767

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

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

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





## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX


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Customer's Name and Address :

<b>M/s. BEIL INFRATSTRUCTURE LTD, PLOT NO.9701-16, GIDC ESTATE POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0042</b> Issue Date : <b>05/02/2022</b> Customer's Ref. : <b>W.O.No. 8521220045 Dated:19.04.2021</b>
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### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			BEIL within down Site	BEIL within up site	Methods
17	Sand	%	58	61	Soil Manual of India
18	Clay	%	19	17	Soil Manual of India
19	Silt	%	23	22	Soil Manual of India
20	Porosity	%	34.9	36.9	P.K gupta
21	Cation Exchange Capacity	meq/100 gm	12.16	14.37	IS 2720 (Part 24)
22	Water Holding capacity	%	44.9	42.8	Soil Manual of India
23	Bulk Density	gm/cm <sup>3</sup>	1.49	1.39	IS 2720 (Part 29)
24	SAR	-	8.25	6.84	Soil Manual of India
25	Available Nitrogen	mg/Kg	106	102	IS:14684
26	Available Phosphorus	mg/Kg	603	528	IS:5305
27	Exchangeable Calcium	meq/l	107	93	Soil Manual of India
28	Exchangeable Magnesium	meq/l	7.24	7.68	Soil Manual of India
29	Exchangeable Sodium	meq/l	69	39.40	IS : 9497
30	Exchangeable Potassium	meq/l	6.14	6.93	IS : 9497
31	Conductivity	µmho/cm	339	338	IS : 14767

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

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

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

## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 2

Customer's Name and Address :

**M/s. BEIL INFRATSTRUCTURE LTD,  
PLOT NO.9701-16, GIDC ESTATE  
POST BOX NO.82, ANKLESHWAR, 393002**


Test Report No. : **PL/BL 0091**  
Issue Date : **02/03/2022**  
Customer's Ref. : **W.O.No. 8521220045  
Dated:19.04.2021**

Description of Sample	: <b>Soil Sample</b>	Quantity/No. of Samples	: <b>02 Kg/ Three</b>
Date of Sampling	: <b>19/02/2022</b>	Sampling Procedure	: <b>USEPA/IS 2720 etc.</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>USEPA/IS 2720 etc.</b>
Sample Receipt Date	: <b>21/02/2022</b>	Lab ID/Sub.	: <b>BL/2202/39 &amp; 40</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>21/02/2022</b>	Date of Completion of Test	: <b>02/03/2022</b>
Test Method	: <b>USEPA/IS 2720 etc.</b>		

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Kosamdi (N - 21° 34' 56.2" E - 73° 02' 8.3")	Bhadkodra (N - 21° 36' 10.5" E - 73° 00' 30.3")	Methods
1	pH	--	8.51	8.39	IS:2720 (Part-26)
2	Organic Carbon	%	1.34	1.37	IS:2720 (Part-22)
3	Organic Matter	%	2.31	2.36	IS:2720 (Part-22)
4	Cadmium as cd by TCLP	mg/l	0.068	BDL*	USEPA 3050 B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
7	Nickel as Ni by TCLP	mg/l	0.42	0.87	USEPA 3050 B
8	Zinc as Zn by TCLP	mg/l	0.91	0.91	USEPA 3050 B
9	Copper as Cu by TCLP	mg/l	0.68	0.89	USEPA 3050 B
10	Iron as Fe by TCLP	mg/l	12.60	1.28	USEPA 3050 B
11	Manganese as Mn by TCLP	mg/l	16.17	15.49	USEPA 3050 B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 3060 B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 7471 B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Sandy loam	Sandy loam	Soil manual of india

*Continue..*

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

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

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



## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 2

Customer's Name and Address :

**M/s. BEIL INFRATSTRUCTURE LTD,  
PLOT NO.9701-16, GIDC ESTATE  
POST BOX NO.82, ANKLESHWAR, 393002**


Test Report No. : **PL/BL 0092**  
Issue Date : **02/03/2022**  
Customer's Ref. : **W.O.No. 8521220045**  
Dated: **19.04.2021**

Description of Sample	: <b>Soil Sample</b>	Quantity/No. of Samples	: <b>02 Kg/ Three</b>
Date of Sampling	: <b>19/02/2022</b>	Sampling Procedure	: <b>USEPA/IS 2720 etc.</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Protocol (purpose)	: <b>USEPA/IS 2720 etc.</b>
Sample Receipt Date	: <b>21/02/2022</b>	Lab ID/Sub.	: <b>BL/2202/41 &amp; 42</b>
Packing/ Seal	: <b>Sealed</b>	Test Parameters	: <b>As per table</b>
Date of Starting of Test	: <b>21/02/2022</b>	Date of Completion of Test	: <b>02/03/2022</b>
Test Method	: <b>USEPA/IS 2720 etc.</b>		

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Kapodra (N - 21° 35' 39.5" E - 73° 00'30.1")	Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	Methods
1	pH	--	8.83	8.46	IS:2720 (Part-26)
2	Organic Carbon	%	1.46	1.33	IS:2720 (Part-22)
3	Organic Matter	%	2.51	2.29	IS:2720 (Part-22)
4	Cadmium as cd by TCLP	mg/l	0.09	BDL*	USEPA 3050 B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
7	Nickel as Ni by TCLP	mg/l	0.83	0.79	USEPA 3050 B
8	Zinc as Zn by TCLP	mg/l	1.17	0.67	USEPA 3050 B
9	Copper as Cu by TCLP	mg/l	0.59	0.85	USEPA 3050 B
10	Iron as Fe by TCLP	mg/l	11.73	1.69	USEPA 3050 B
11	Manganese as Mn by TCLP	mg/l	15.3	9.23	USEPA 3050 B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 3060 B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 7471 B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Sandy loam	Silt Loam	Soil manual of india

*Continue..*

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

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

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



**TEST CERTIFICATE FOR SOIL**

QF/7.8/37-EX

Page: 2 of 2

Customer's Name and Address :

**M/s. BEIL INFRATSTRUCTURE LTD,  
PLOT NO.9701-16, GIDC ESTATE  
POST BOX NO.82, ANKLESHWAR, 393002**

Test Report No. : **PL/BL 0092**  
Issue Date : **02/03/2022**  
Customer's Ref. : **W.O.No. 8521220045**  
**Dated:19.04.2021**

**TEST RESULT**

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Kapodra (N - 21° 35' 39.5" E - 73° 00'30.1")	Jitali (N - 21° 37' 22.5" E - 073° 03' 43.4")	Methods
17	Sand	%	64	20	Soil Manual of India
18	Clay	%	19	18	Soil Manual of India
19	Silt	%	17	62	Soil Manual of India
20	Porosity	%	39.76	35.16	P.K gupta
21	Cation Exchange Capacity	meq/100 gm	11.12	11.79	IS 2720 (Part 24)
22	Water Holding capacity	%	38.69	46.68	Soil Manual of India
23	Bulk Density	gm/cm <sup>3</sup>	1.58	1.49	IS 2720 (Part 29)
24	SAR	-	8.12	9.24	Soil Manual of India
25	Available Nitrogen	mg/Kg	91.86	103	IS:14684
26	Available Phosphorus	mg/Kg	573	416	IS:5305
27	Exchangeable Calcium	meq/l	98.4	98.29	Soil Manual of India
28	Exchangeable Magnesium	meq/l	7.79	7.93	Soil Manual of India
29	Exchangeable Sodium	meq/l	73.58	59.12	IS : 9497
30	Exchangeable Potassium	meq/l	7.19	8.83	IS : 9497
31	Conductivity	µmho/cm	335	406	IS : 14767

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

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

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

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

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

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

## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 2

Customer's Name and Address :


<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0093</b> Issue Date : <b>02/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <span style="float: right;">Dated:19.04.2021</span>
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Description of Sample	: <b>Soil Sample</b>	
Date of Sampling	: <b>21/02/2022</b>	Quantity/No. of Samples : <b>02 Kg/ Three</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Sampling Procedure : <b>USEPA/IS 2720 etc.</b>
Sample Receipt Date	: <b>22/02/2022</b>	Protocol (purpose) : <b>USEPA/IS 2720 etc.</b>
Packing/ Seal	: <b>Sealed</b>	Lab ID/Sub. : <b>BL/2202/47 &amp; 48</b>
Date of Starting of Test	: <b>22/02/2022</b>	Test Parameters : <b>As per table</b>
Test Method	: <b>USEPA/IS 2720 etc.</b>	Date of Completion of Test : <b>02/03/2022</b>

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Dadhal (N - 21° 37' 55.9" E - 73° 03' 42.1")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Methods
1	pH	--	8.35	8.71	IS:2720 (Part-26)
2	Organic Carbon	%	1.38	1.52	IS:2720 (Part-22)
3	Organic Matter	%	2.37	2.61	IS:2720 (Part-22)
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
7	Nickel as Ni by TCLP	mg/l	0.73	0.59	USEPA 3050 B
8	Zinc as Zn by TCLP	mg/l	0.84	0.99	USEPA 3050 B
9	Copper as Cu by TCLP	mg/l	0.56	0.35	USEPA 3050 B
10	Iron as Fe by TCLP	mg/l	1.06	1.02	USEPA 3050 B
11	Manganese as Mn by TCLP	mg/l	14.9	14.8	USEPA 3050 B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 3060 B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 7471 B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	clay Loam	Sandy loam	Soil manual of india

*Continue..*

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

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

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

## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX


Page: 2 of 2

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0093</b> Issue Date : <b>02/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Dadhal (N - 21° 37' 55.9" E - 73° 03' 42.1")	Sarangpur (N - 21° 36' 08.6" E - 73° 03' 20.8")	Methods
17	Sand	%	32	44	Soil Manual of India
18	Clay	%	24	27	Soil Manual of India
19	Silt	%	44	29	Soil Manual of India
20	Porosity	%	40.7	45.8	P.K gupta
21	Cation Exchange Capacity	meq/100 gm	9.98	10.12	IS 2720 (Part 24)
22	Water Holding capacity	%	50.1	40.36	Soil Manual of India
23	Bulk Density	gm/cm <sup>3</sup>	1.57	1.52	IS 2720 (Part 29)
24	SAR	-	9.86	12.5	Soil Manual of India
25	Available Nitrogen	mg/Kg	112	119	IS:14684
26	Available Phosphorus	mg/Kg	435	356	IS:5305
27	Exchangeable Calcium	meq/l	103	102	Soil Manual of India
28	Exchangeable Magnesium	meq/l	8.12	7.92	Soil Manual of India
29	Exchangeable Sodium	meq/l	65.37	89.30	IS : 9497
30	Exchangeable Potassium	meq/l	7.19	8.19	IS : 9497
31	Conductivity	µmho/cm	480	350	IS : 14767

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

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

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

## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX

Page: 1 of 2

Customer's Name and Address :

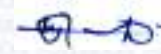
<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0094</b> Issue Date : <b>02/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <span style="float: right;">Dated:19.04.2021</span>
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Description of Sample	: <b>Soil Sample</b>	
Date of Sampling	: <b>21/02/2022</b>	Quantity/No. of Samples : <b>02 Kg/ Three</b>
Sampling By	: <b>Pollucon Laboratories Pvt. Ltd.</b>	Sampling Procedure : <b>USEPA/IS 2720 etc.</b>
Sample Receipt Date	: <b>22/02/2022</b>	Protocol (purpose) : <b>USEPA/IS 2720 etc.</b>
Packing/ Seal	: <b>Sealed</b>	Lab ID/Sub. : <b>BL/2202/49 &amp; 50</b>
Date of Starting of Test	: <b>22/02/2022</b>	Test Parameters : <b>As per table</b>
Test Method	: <b>USEPA/IS 2720 etc.</b>	Date of Completion of Test : <b>02/03/2022</b>

### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Motali (N 21.6511008 E 73.0421245)	Gadkhol (N 21.652289 E 73.0181463)	Methods
1	pH	--	8.19	8.37	IS:2720 (Part-26)
2	Organic Carbon	%	1.38	1.40	IS:2720 (Part-22)
3	Organic Matter	%	2.37	2.41	IS:2720 (Part-22)
4	Cadmium as cd by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
5	Total Chromium as Cr by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
6	Arsenic by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
7	Nickel as Ni by TCLP	mg/l	0.81	0.87	USEPA 3050 B
8	Zinc as Zn by TCLP	mg/l	1.19	0.94	USEPA 3050 B
9	Copper as Cu by TCLP	mg/l	0.75	0.51	USEPA 3050 B
10	Iron as Fe by TCLP	mg/l	1.53	7.94	USEPA 3050 B
11	Manganese as Mn by TCLP	mg/l	13.79	11.89	USEPA 3050 B
12	Cobalt by TCLP	mg/l	BDL*	BDL*	USEPA 3050 B
13	Hexavalent Chromium by TCLP	mg/l	BDL*	BDL*	USEPA 3060 B
14	Mercury By TCLP	mg/l	BDL*	BDL*	USEPA 7471 B
15	PAH	mg/Kg	BDL*	BDL*	USEPA 3540-C
16	Texture	--	Loam	silt Loam	Soil manual of india

*Continue..*

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

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

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## TEST CERTIFICATE FOR SOIL

QF/7.8/37-EX


Page: 2 of 2

Customer's Name and Address :

<b>M/s. BEIL INFRASTRUCTURE LIMITED .</b> <b>PLOT NO.9701-16, GIDC ESTATE</b> <b>POST BOX NO.82, ANKLESHWAR, 393002</b>	Test Report No. : <b>PL/BL 0094</b> Issue Date : <b>02/03/2022</b> Customer's Ref. : <b>W.O.No. 8521220045</b> <b>Dated:19.04.2021</b>
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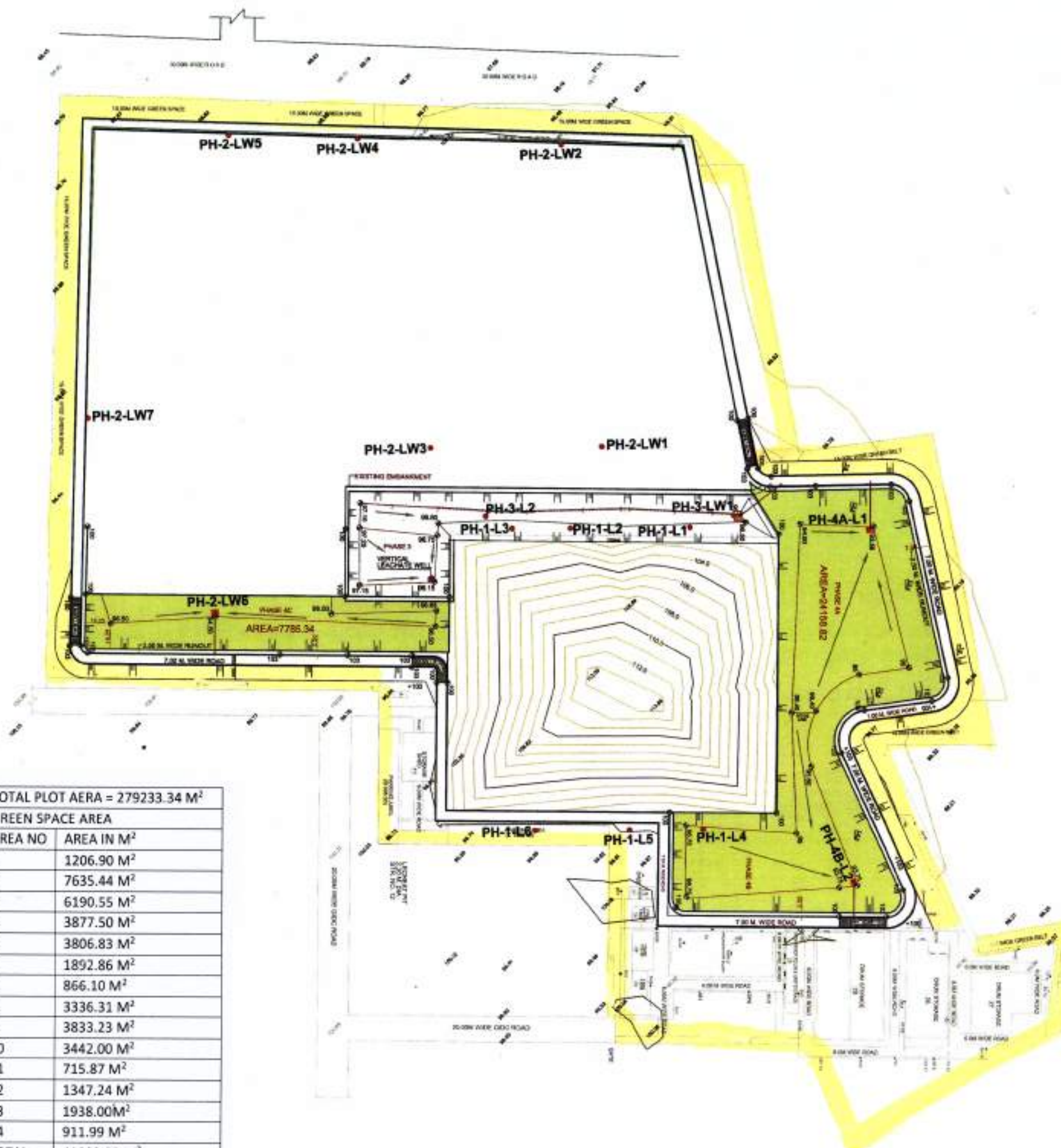
### TEST RESULT

SR. NO.	TEST PARAMETERS	UNIT	RESULT		
			Motali (N 21.6511008 E 73.0421245)	Gadkhol (N 21.652289 E 73.0181463)	Methods
17	Sand	%	41	18	Soil Manual of India
18	Clay	%	20	21	Soil Manual of India
19	Silt	%	39	61	Soil Manual of India
20	Porosity	%	43.6	37.59	P.K gupta
21	Cation Exchange Capacity	meq/100 gm	10.70	12.16	IS 2720 (Part 24)
22	Water Holding capacity	%	50.3	47.10	Soil Manual of India
23	Bulk Density	gm/cm <sup>3</sup>	1.65	1.57	IS 2720 (Part 29)
24	SAR	-	8.80	9.12	Soil Manual of India
25	Available Nitrogen	mg/Kg	170	108	IS:14684
26	Available Phosphorus	mg/Kg	456	429	IS:5305
27	Exchangeable Calcium	meq/l	126	98.20	Soil Manual of India
28	Exchangeable Magnesium	meq/l	8.34	8.36	Soil Manual of India
29	Exchangeable Sodium	meq/l	69.73	65.3	IS : 9497
30	Exchangeable Potassium	meq/l	7.29	7.18	IS : 9497
31	Conductivity	µmho/cm	488	520	IS : 14767

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

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

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



TOTAL PLOT AREA = 279233.34 M <sup>2</sup>	
GREEN SPACE AREA	
AREA NO	AREA IN M <sup>2</sup>
1	1206.90 M <sup>2</sup>
2	7635.44 M <sup>2</sup>
3	6190.55 M <sup>2</sup>
4	3877.50 M <sup>2</sup>
5	3806.83 M <sup>2</sup>
6	1892.86 M <sup>2</sup>
7	866.10 M <sup>2</sup>
8	3336.31 M <sup>2</sup>
9	3833.23 M <sup>2</sup>
10	3442.00 M <sup>2</sup>
11	715.87 M <sup>2</sup>
12	1347.24 M <sup>2</sup>
13	1938.00 M <sup>2</sup>
14	911.99 M <sup>2</sup>
<b>TOTAL</b>	<b>41000.82 M<sup>2</sup></b>

**LEGEND**

97.11	EXISTING GROUND LEVELS
98.0	EXISTING GROUND CONTOURS
110.0	PROPOSED FINAL CONTOURS - PHASE 2

**BASE AREA OF PHASE-4**  
**PHASE-4 A/B = 24,158.82 m<sup>2</sup>**  
**PHASE-4 C = 7,785.34 m<sup>2</sup>**  
**31,944.16 m<sup>2</sup>**

PROJECT  
**ANKLESHWAR HAZARDOUS WASTE FACILITY - PHASE 4 CONSTRUCTION**



**BHARUCH ENVIRO INFRASTRUCTURE LTD**

CONSULTANT:  
**BEIL RESEARCH & CONSULTANCY PVT. LTD.**  
 9701-16, GIDC, ANKLESHWAR 393 002,  
 DIS. BHARUCH (GUJARAT), INDIA  
 TEL: (02646) - 253135, 225228, FAX: (02646) 222849

SPECIALIST CONSULTANT  
**NICK CAWTHORNE & ASSOCIATES**

APPROVED BY  
**INDIAN INSTITUTE OF TECHNOLOGY, NEW DELHI**  
 Dr. Manoj Datta  
 Professor

NAME OF DRAWING  
**PROPOSED BASE AREA OF PHASE-4**  
 Civil Engineering Department  
 Indian Institute of Technology Delhi  
 New Delhi - 110016

DRAWING NO.	009	REV	0
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SCALE	1:2700 @ A3	DATE	28.03.2019
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ગુજરાત ઊદ્યોગિક વિકાસ નિગમ

**GUJARAT INDUSTRIAL DEVELOPMENT CORPORATION**  
(A GOVT. OF GUJARAT UNDERTAKING)

OFFICE OF THE EXECUTIVE ENGINEER  
624/B, G.I.D.C. Administrative Office Building,  
GIDC, Ankleshwar-393002  
Phone : (02646) 221351

No./GIDC/XEN/ANK/PB / 1217

Date : -201  
**17 MAY 2017**

To,

M/s Bharuch Enviro Infra.

Structure Ltd

Plot No- 7905/E TO 9929

GIDC

Ankleshwar

**Sub.: Approval of drawing of the proposed / Revised, Extension & Alteration  
Factory Building / Residential Building / Commercial Building on Plot/Shed  
No. 7905/E TO 9929**

at G.I.D.C., Ankleshwar.

Ref : (1) Your letter No. on line Dtd. 15/4/17  
(2) Your letter No. — Dtd. —

Dear Sir,

Gujarat Industrial Development Corporation is pleased to inform you that the plans sent by you are approved by this office for construction subject to the following conditions

1. The drawings are subject to approval by the Dy. Director, Industrial Safety & Health. You have to submit within one month to this office.
2. The drawings are subject to checking of structural soundness and safety by your Engineers.
3. The drawings will be subject to revision under regulation formulated by the Corporation from time to time.
4. The full plot is allotted to you and the possession is taken by you.
5. The drawings are subject to the approval by local bodies such as GEB, PWD, PANCHAYAT, MUNICIPALITY etc before starting of construction activities and also as per requirement. GIDC B CON SANT.
6. Effluent shall be treated as per ISS 3088/1965 and plans for the same should be submitted before commencement of the factory.
7. Septic tank, Control Manhole etc should be provided with C.I heavy cover as per requirements.
8. All gates of compound should open inward and be provided with stop which will prevent the gate from opening outwards towards the front part of the road.
9. Barbed wire fencing or compound wall shall be within the plot boundaries of owners own plot.
10. You are requested to obtain the completion certificate from Executive Engineer GIDC, Ankleshwar, after completing the construction work on site.
11. The time limit extension orders, for utilisation of plot/ shed shall be obtained from Regional Manager, GIDC, Ankleshwar.
12. The work shall be executed at your own risk and cost. All the structural changes shall have to checked and supervised by your authorised Engineer.
13. You are requested to provide 3 Nos of tree per 200.00 sq. mts plot area.

14. The shed \_\_\_\_\_ is constructed with ram pile foundation hence no excavation upto one meter either side (inside or outside) of wall of sheds shall be done otherwise piles will be exposed and the foundation of sheds may be structurally affected causing damage to shed.
15. Payment of all outstanding dues if any of the Corporation shall be cleared & other concern department.
16. The fact of approval of the plan shall not be prejudicial of the Corporation, right to take any action under the provisions of disposal of property regulation, disposal of land regulations, lease deed, conveyance deed, from the agreement, agreement for sale, offer letter, allotment letter as well as recovery of dues of action under any act in force.
17. This approval is valid for two years only from the date of approval of plan.
18. If the underground drainage collection system is already laid near your plot, please ensure that the effluent from your premises will flow into the nearest GIDC manhole.
19. You shall have provided fire fighting provision as per national building code.
20. You are requested to provide \_\_\_\_\_ Nos. of Rain water Harvesting with percolating borewell as per Total plot area.
21. You will have to carry out construction activity strictly as per Circular No. GIDC/O&M/CIR/ENG/ HQ/34/99 dated 25/6/99 (copy enclosed) for checks of building construction activity in plot & issuing building completion certificate.
22. Plans approval subject to condition Regarding height Between two floor more than 4.00 mt & total height more than 13.00 mt for which permission from Dy. Director/ Industrial safety & health may be obtained and produce the same to this office.
23. **IMPORTANT NOTE :**  
**STRUCTURAL SAFETY AND SAFETY MEASURE AGAINST ALL NATURAL CLAIMANTS ARE TO BE TAKEN BY YOU AND ARE NOT CHECKED BY THIS OFFICE GIDC ANKLESHWAR.**

Important Note :-  
 Structural safety and Safety measures against all natural calamities are to be taken by you and are not checked by this office  
 GIDC, Ankleshwar Division

Gujarat Industrial Development Corporation is looking forward towards completion of your factory and its successful functioning within a year.

With best wishes,

Yours faithfully

  
 EXECUTIVE ENGINEER  
 GIDC, ANKLESHWAR.

- Encl: 1. Drawings two sets  
 2. Booklet Circular No. GIDC/O&M/CIR/ENG/HQ/34/00 dated 25/6/99.

**Copy to :**

1. Asstt Manager GIDC Ankleshwar along with one copy of approved drawings for information and record Please.
2. Dy Ex. Engineer GIDC, Ankleshwar along with one copy of approved drawings
3. Chief Officer (NA), GIDC Ankleshwar along with one copy of approved drawings
4. COPY OF S.W.R TO SR. A.T.P GIDC Gandhinagar for along with apper Layout plan.

પ્રતિ,

કન્સ્ટ્રક્શન

BEIL INFRASTRUCTURE LTD.

PLOT NO. 7905/E TO 795/H, 7924 TO 7927, 9401 TO G/6 TO 9601 TO 964,  
6/7, 11 TO 13, 9701 TO 9716, 9801 TO 9828, 9901 TO 9906 & 9923 TO 9928.  
GIDC ANKLESHWAR, DIST. BHARUCH.

વિષય- સને ૧૯૪૮ના કારખાનાના અધિનિયમ અન્વયેના નકશા મંજૂર કરવા બાબત (વિસ્તૃતિકરણ)

મહોદય,

ઉપરોક્ત વિષયના સંદર્ભમાં આપના કારખાનાના નકશાની નકલ-નકલો નીચેની શરતોને આધિન રહીને મંજૂર કરી પરત કરવામાં આવે છે.

- (૧) મકાન કે વિસ્તૃતિકરણનો કારખાના તરીકે ઉપયોગ કરતા પહેલા મંજૂર થયેલ નકશામાં બતાવેલ કારખાનાનું વિસ્તૃતિકરણનું બાંધકામ, પ્લાન્ટ તથા મશીનરી અંગે સ્ટ્રક્ચરલ એન્જીનીયરીંગનું કારખાનાની મજબુતાઈ ચકાસ્યા અંગેનું 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 નિરીક્ષક) 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 પાણી, ધુમાડો, ધૂળ કે ગેસ વિગેરેના નિકાલ અંગેની જાણ વાયુ પ્રદૂષણ પાસેથી મંજૂરી મેળવવી.
- (૪) નવા કારખાના માટે નવું બાંધકામ કરેલ હોય તો EODWELFARE & CESS ACT ની જોગવાઈ મુજબ બાંધકામ ની કુલ કિંમતના ૧ ટકા લેખે સેસની રકમ સેસ કલેક્ટર સમક્ષ જમાં કરાવી તેના આધાર/પુરાવા રજૂ કરવાના રહેશે.
- (૫) સક્ષમ અધિકારી દ્વારા મંજૂર કરેલ પ્લાન પ્રમાણે બાંધકામ કરવાનું રહેશે તથા કારખાનામાં બતાવેલ ખુલ્લી રાખવાપાત્ર જગ્યાઈ ખુલ્લી જ રાખવાની રહેશે.
- (૬) કારખાનામાં કામ કરતી વખતે શ્રમચોગીઓની યોગ્ય સલામતીના સાધનો વસાવી પુરાં પાડવાં તેમજ ઈમરજંસી વખતે શ્રમચોગીઓની સહેલાઈથી નીકળી શકે તે માટે રસ્તા/સીડીઓઅડચણ રહીત વ્યવસ્થા કાયમ માટે કરવાની રહેશે.
- (૭) સુધારેલ ગુજરાત ફેક્ટરી ઝુલ્સનાં નિયમ-૬૬(એ) અન્વયે આજ પ્રતિરોધક સાધનો વસાવી નિભાવવાની રહેશે.
- (૮) સૂચિત નકશા રજૂ કરેલ હોઈ ખરેખર બાંધકામ થયા બાદ નકશા મંજૂર કરવા ભલામણ છે.
- (૯) નકશા મંજૂર થયાના ત્રણ માસમાં માન્ય ઇલેક્ટ્રિકલ ડ્રાયર કન્વેનયેન્ટ સીસ્ટમ ઇન્સ્ટોલ કરવાની રહેશે.

આપનો વિશ્વાસ

*P. N. Shah*

ડાયરેક્ટર

ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ  
ગુજરાત રાજ્ય અમદાવાદ

ક્રમાંક/ડીઆઇએસએચ/અક-નકશા/ ૨૦૨૨ / ૯૨૫૦  
ડાયરેક્ટર ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થની કચેરી  
શ્રમ ભવન ત્રીજો માળ ગન હાઉસની બાજુમાં  
રૂસ્તમકામા માર્ગ ખાનપુર અમદાવાદ-૦૧  
તા. ૪ / ૫ / ૨૦૨૨

નકલ રવાના-

આસી/ડેપ્યુટી ડાયરેક્ટરશ્રી, ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ, BHARUCH ને મંજૂર થયેલ નકશાની નકલ દસ્તાવેજ સહિત જે તા. ૧૧/૦૪/૨૦૨૨ ના પત્ર ક્રમાંક : ૮૦૦ થી મોકલેલ તે આ સાથે દસ્તાવેજ સહિત પરત કરેલ છે.

*S/D*

ડાયરેક્ટર

ઇન્ડસ્ટ્રીયલ સેફ્ટી એન્ડ હેલ્થ  
ગુજરાત રાજ્ય અમદાવાદ



# BHARUCH ENVIRO INFRASTRUCTURE LTD.



B. E. I. L.

SITE OFFICE : 9701-15, P.B. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH  
PHONE : (02646) 253135, 226228

March 24, 2008

Paryavaran Suraksha Samiti  
Vadodara

Kind attn :- Mr Rohit Prajapat

Dear Sir;

Sub :- Environmental Clearance for our TSD Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

Kindly refer the Environmental Public Hearing held by Gujarat Pollution Control Board for expansion of our TSD Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

We are enclosing herewith copy of above Environmental Clearance for your kind perusal.

We hope that you will find the same in order.

Thanking you

Yours faithfully

For, Bharuch Enviro Infrastructure Ltd

DR P N PARAMESWARAN  
Sr General Manager (Environment)

Encl : a/a



# BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 8731-16, P.P. NO. 82, GIDC, ANKLESHWAR - 393 002., DIST. BHARUCH  
\* PHONE : (02646) 253135, 225928

March 24, 2008

Centre for Environment, Science & Community  
CESCOM  
Vadodara

Kind attn :- Mr Jayesh Patel

Dear Sir,

Sub :- Environmental Clearance for our TSDF Facility

Ref :- Environmental Clearance No. 10-48/2007-IA.III dated 04.03.2008

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

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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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

Paryavaran Mitra  
Ahmedabad

Kind attn :- Mr Mahesh Pandya

Dear Sir,

Sub :- Environmental Clearance for our TSD 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 TSD Facility, held on 30.08.2005. We would like to thank you for your participation in the Environmental Public Hearing.

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Thanking you

Yours faithfully

For, Bharuch Enviro Infrastructure Ltd

DR. P. N. PARAMESWARAN  
Sr General Manager (Environment)

Encl : a/a



# BHARUCH ENVIRO INFRASTRUCTURE LTD.



SITE OFFICE : 9701-16, P.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

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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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. 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, દુબૈમાં

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)	ધારો કે મિલકતવેરાનો દર પ્રતિ ચો.મી. રૂ. ૫ રાખવામાં આવે તો ચો.મી. દીઠ રૂ. ૫ ટ ૭૫ = રૂ. ૩૭૫
ટ મિલકતનું સ્થળ (+૨)	
મિલકતનું આયુષ્ય (+૩) ટ મિલકતનો પ્રકાર (+૪)	
ગણતરી મુકવાથી જે રકમ આવશે તે જે તે મિલકતપારકની મિલકતનો વાર્ષિક મિલકતવેરો ગણાશે.	હવે નવી કોમ્પ્લેક્સ મુજબ, ૩૭૫ ટ ૧.૨૫ (+૧) ટ ૧ (મિલકતની ઉંમર) (+૨) ટ ૧ (ઉપયોગ) (+૩) ટ ૦.૭૫ (બાંધકામનો પ્રકાર) (+૪) = ૩૭૫ ટ ૧.૨૫ ટ ૧.૦૦ ટ ૦.૭૫ = ૩૫૧.૫૪ મિલકતવેરો.
ધારો કે કોઈ એક નગરપાલિકામાં ૭૫ ચો.મી.નું રહેણાંકનું મકાન (ફ્લેટ પ્રકારનું) સમૂહ વિસ્તારમાં છે. તે ૧૦ વર્ષ	

ભારાંક રહેશે. બાંધકામ જો સ્વતંત્ર પ્લોટનાં બાંધકામ માટે ભારાંક અંગલો હશે તો રૂ. ૧.૨૫, ટેનામેન્ટ-રોહાઉસ હશે તો રૂ. ૧.૦૦, ફ્લેટ હશે તો ૦.૭૫ પૈસા, પોલ- શહેરી વિસ્તારમાં રહેણાંકનાં મકાનો હશે તો ૦.૭૫ પૈસા તથા ચાલી તથા ખુલ્લા પ્લોટનાં બાંધકામ માટે ભારાંક ૦.૫૦ પૈસા રહેશે. કોમર્શિયલ ઉપયોગ માટે રૂ. ૪.૦૦નો ભારાંક રહેશે (બેંક, પેટ્રોલપંપ, ગોડાઉન વેરહાઉસ વગેરે) જ્યારે કુકાન હોટેલ, રેસ્ટોરન્ટ, થિયેટર વગેરે 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 વિસ્તુતીકરણ 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 વિસ્તુતીકરણ માટે પર્યાવરણીય મંજુરી પ્રદાન કરેલ છે. મંજુરી પત્રની પ્રતી ગુજરાત પ્રદુષણ નિયંત્રણ બોર્ડ તથા વન અને પર્યાવરણ મંત્રાલયની વેબ સાઇટ [www.envfor.nic.in](http://www.envfor.nic.in) પર પણ જોઈ શકાય છે.

### SARFAESI Act 2002 and S I E Rules 2002 હેઠળ ઍકના કલખ 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 વસુલ કરેલ છે. આધારે તેઓએ રૂપિયા ૨૧૪૨૩૪૭.૦૦ તમા વ્યાજ તમા કલ્સ 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 ઍક્ટની જાહેરાત તા. ૨૧-૦૩-૦૮ અને ૨૨-૦૩-૦૮ ના રોજ ટેલિફોન વાળા પ્રગટ કરે છે.

સદર હું મિલકતનું વેચાણ "જે છે, જ્યાં છે અને જેમ છે." તે હોયને જાહેર હરાજી તારીખ ૨૨-૦૪-૦૮ ના રોજ ઠપોરમા ૨.૦૦ લાકડે ડીયે સહિ ભરવારની ઍક્ટની જાહેર ખાતે વેચાણ કરવામાં આવશે. સદર હું હરાજીમાં ઠગ લેનારે શીકમુલકાર વચ્ચે ઍકે ડીયે સહિ ભરવારને શીકમુ સાથે પોતાની ઠપોરખની સહીથી સાચી રૂપિયા ૧,૨૫,૦૦૦.૦૦ ની કિર્મતનો ઍકે જાહેર હરાજી આધારે શાખાના લખનો ક્રાફ્ટ પેપરોડેર દ્વારા જ હરાવાના રહેશે. શીકમુ સ્વિજર સચેતી ખરીદ કિર્મતની ૫૦% રકમ ઍ ડિવિઝનમાં જ હરાવાણી રહેશે તેમજ ઠાકીની ૫૦% રકમ શીકમુ સ્વિજર સચાલા ૧૦ ડિવિઝન

1. હરાજી/પ્રમાણપત્ર સામેલ કરવામાં આવે. ૦૨. ખાનગી વ્યક્તિઓના પ્રમાણપત્ર જેના માટે આ







BEIL-PH-III/MoEF/03

Date: 19.12.2014

To;  
 Ministry of Environment, Forest and Climate Change  
 Indira Paryavaran Bhawan  
 Jal Block, 2<sup>nd</sup> Floor.  
 Jor Bagh Road; Aliganj, New Delhi-110003

Recd. on 19.12.14  
 Received by Mr. [Signature]  
 Ministry of Environment, Forest and Climate Change  
 Indira Paryavaran Bhawan  
 Jal Block, 2<sup>nd</sup> 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 : panjwani@uniphos.com

Ragd. 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 <a href="http://www.envfor.nic.in">http://www.envfor.nic.in</a>	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. &amp; 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](http://www.tatvaglobal.com/about_tatva.php)

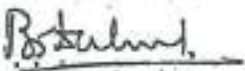
Copy of the Website page is attached as *Annexure: 9*

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



- 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. 10000/-
- 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
<b>Amount</b>	Rs. 200000000	Rs. 140000000
<b>Purpose</b>	To fill the gap of SUBSIDY (equity) to be provided by Govt. for the Construction and Purchase of New & extension of Power Capital expenditure.	
<b>Rate of Interest</b>	10.00% over base rate, i.e. 11.50% p.a. with a cap of 15.00% (or lesser of 3.00% applicable rate 5.00% over Bank Rate)	10.00% over base rate of 11.50% p.a. with a cap of 15.00% (or lesser of 3.00% applicable rate 5.00% over Bank Rate)
<b>Period</b>	24 Months	24 Months
<b>Repayment Schedule</b>	Quarterly	Quarterly
<b>Security</b>	1. Government guarantee for the entire amount of the loan. 2. The borrower's personal assets to the extent of Rs. 100000000/- 3. The borrower's personal assets to the extent of Rs. 100000000/- 4. The borrower's personal assets to the extent of Rs. 100000000/-	1. Government guarantee for the entire amount of the loan. 2. The borrower's personal assets to the extent of Rs. 100000000/- 3. The borrower's personal assets to the extent of Rs. 100000000/- 4. The borrower's personal assets to the extent of Rs. 100000000/-

<b>Nature of Facility</b>	Performance, Index of Financial Condition, etc.
<b>Amount</b>	Rs. 100000000
<b>Period</b>	24 Months
<b>Repayment Schedule</b>	Quarterly
<b>Security</b>	1. Government guarantee for the entire amount of the loan. 2. The borrower's personal assets to the extent of Rs. 100000000/- 3. The borrower's personal assets to the extent of Rs. 100000000/- 4. The borrower's personal assets to the extent of Rs. 100000000/-
<b>Other Conditions</b>	1. The borrower shall 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.

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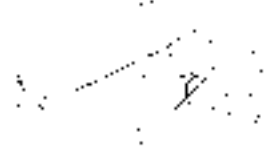




8. The Borrower is to pay up front fee, processing charges, stamp charges, the inspection charges, non-mortgage charges, stamp charges, inspection charges as applicable at the sanctioned rate as stated in the Bank form time to time.
9. The proper books of accounts, stock register and records of machinery to be maintained as per the Bank's requirements and to be made available to the Bank's representative during inspection.
10. The secured assets charged 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 to conduct 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 / firms / management consultants / or valuers. The report of such audits / charges so incurred will be borne by the Company.
12. Bank's name are to be displayed prominently at the place of office / factory / on hypocausted machinery and also at the place of stockpile by other charged goods.
13. All money advanced to be advanced by the Bank will be subject to the terms and conditions set forth in the sanction letter and the borrower shall not be allowed to cash the advance in full or a part thereof to be drawn by the borrower and the Bank authorities or has reasons to believe that the said advance is being used for any other purpose. The bank shall have the right to withdraw the advance if the borrower breaches the terms without reserving any right to sue.
14. The Company shall provide the following details to the Bank:
  - (a) Details of the assets charged to the Bank.
  - (b) Details of the assets not charged to the Bank.
  - (c) Details of the assets not charged to the Bank.
  - (d) Details of the assets not charged to the Bank.
  - (e) Details of the assets not charged to the Bank.
  - (f) Details of the assets not charged to the Bank.
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  - (x) Details of the assets not charged to the Bank.
  - (y) Details of the assets not charged to the Bank.
  - (z) Details of the assets not charged to the Bank.
15. Valuation Reports prepared by the valuers shall be subject to the charges to be levied and to be paid by the Company as per the approved Architect's report. Valuation charges in excess of the above mentioned terms, the fees to be paid to the valuers shall be borne by the Company. The Company shall provide the following details to the Bank:
  - (a) Details of the assets charged to the Bank.
  - (b) Details of the assets not charged to the Bank.
  - (c) Details of the assets not charged to the Bank.
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  - (z) Details of the assets not charged to the Bank.
16. The Company shall provide the following details to the Bank:
  - (a) Details of the assets charged to the Bank.
  - (b) Details of the assets not charged to the Bank.
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  - (x) Details of the assets not charged to the Bank.
  - (y) Details of the assets not charged to the Bank.
  - (z) Details of the assets not charged to the Bank.
17. The facilities provided in a period of 12 months shall be subject to the following conditions:
  - (a) The facilities shall be subject to satisfactory conditions and performance of the borrower.
  - (b) The facilities shall be subject to satisfactory conditions and performance of the borrower.
  - (c) The facilities shall be subject to satisfactory conditions and performance of the borrower.
  - (d) The facilities shall be subject to satisfactory conditions and performance of the borrower.
  - (e) The facilities shall be subject to satisfactory conditions and performance of the borrower.
  - (f) The facilities shall be subject to satisfactory conditions and performance of the borrower.
  - (g) The facilities shall be subject to satisfactory conditions and performance of the borrower.
  - (h) The facilities shall be subject to satisfactory conditions and performance of the borrower.
  - (i) The facilities shall be subject to satisfactory conditions and performance of the borrower.
  - (j) The facilities shall be subject to satisfactory conditions and performance of the borrower.
  - (k) The facilities shall be subject to satisfactory conditions and performance of the borrower.
  - (l) The facilities shall be subject to satisfactory conditions and performance of the borrower.
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  - (o) The facilities shall be subject to satisfactory conditions and performance of the borrower.
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  - (v) The facilities shall be subject to satisfactory conditions and performance of the borrower.
  - (w) The facilities shall be subject to satisfactory conditions and performance of the borrower.
  - (x) The facilities shall be subject to satisfactory conditions and performance of the borrower.
  - (y) The facilities shall be subject to satisfactory conditions and performance of the borrower.
  - (z) The facilities shall be subject to satisfactory conditions and performance of the borrower.
18. The Company shall provide the following details to the Bank:
  - (a) Details of the assets charged to the Bank.
  - (b) Details of the assets not charged to the Bank.
  - (c) Details of the assets not charged to the Bank.
  - (d) Details of the assets not charged to the Bank.
  - (e) Details of the assets not charged to the Bank.
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  - (x) Details of the assets not charged to the Bank.
  - (y) Details of the assets not charged to the Bank.
  - (z) Details of the assets not charged to the Bank.



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 being so.
20. The Company and the Directors / Shareholders will be and is jointly and severally liable for their liability in any form or of our Bank / any other Bank in the event 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 otherwise, which adversely affecting its financial position.
22. The Company will use our banking facilities for its normal business requirements.
23. Final interest will be charged @ 10.00% - 12.00% per annum for default in any of the following irregularities.
  - a. Non / Delayed payment of instalment and / or interest due, to exceed over the limit.
  - b. Non / Delayed submission of proceeds of the Bank accounts, PAN, etc for payment of the tax dues.
  - c. Non / Delayed payment of invoice amount / dues due to us.
  - d. In the event of any such default on the part of the borrower, the completion of this contract (at the discretion of the Bank).
  - e. Non compliance of any financial covenant undertaken by the borrower.
24. The contract is for a term of 12 months and will be subject to the terms and conditions of the loan agreement with interest @ 12% p.a.
25. The borrower shall give all the documents, including the title deeds, etc, in favour of the Bank, to be held in trust by the Bank for the purpose of the loan. The Bank may also take any other steps, including the appointment of a receiver, to protect its interest in the property. The borrower shall indemnify the Bank for any loss or damage suffered by the Bank in connection with the loan. The borrower shall be liable to pay the cost of the legal proceedings, including the cost of the receiver, in connection with the loan. The borrower shall be liable to pay the cost of the legal proceedings, including the cost of the receiver, in connection with the loan. The borrower shall be liable to pay the cost of the legal proceedings, including the cost of the receiver, in connection with the loan.
26. The rate of interest will be subject to change in accordance with the prevailing market rate of interest. The rate of interest will be subject to change in accordance with the prevailing market rate of interest. The rate of interest will be subject to change in accordance with the prevailing market rate of interest.
27. The rate of interest will be subject to change in accordance with the prevailing market rate of interest. The rate of interest will be subject to change in accordance with the prevailing market rate of interest. The rate of interest will be subject to change in accordance with the prevailing market rate of interest.



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.





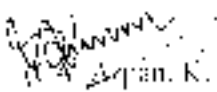
**CERTIFICATE**

We have verified the relevant records and project report as shown to us by Bhavani Enviro Infrastructure Ltd. having registered office at Plot No. 9701, GIDC, Ankleshwar, Dist. Bhavnar, 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 2<sup>nd</sup> 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
	<b>Total</b>	<b>130.75</b>

This certificate is issued at the request of the concerned S.O. in the context of the Environment and Forests (MOEF), Regional Office, Bhavnar.

For, Surti & Talati  
 Chartered Accountants  
 FRN - 141997-W

  
 Arjun K. Surti  
 Partner  
 Membership No. 127136  
 Ankleshwar, dated 18<sup>th</sup> December 2014

ABOUT

# About tatva

tatva is one of India's largest and most diversified provider of waste management services, committed to the growing challenge of protecting our environment. Tatva provides comprehensive management solutions for cities, corporates, public places, industrial estates, commercial, industrial, and residential customers across the country.



During our corporate evolution, we have added over a dozen new services to our Tatva range of services. Industry leaders in waste recycling & disposal, water and effluent treatment, hazardous waste disposal and water supply solutions, from up to management of air pollution, have also been added to the portfolio of our services.



Tatva's major operations are conducted in the field of education, commercial and municipal. The services provided are related to waste management, up-gradation, water supply, air pollution control, and other related services.



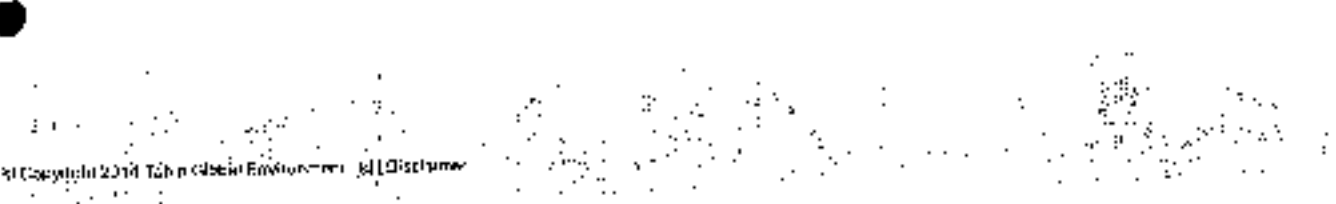
Major services provided by Tatva include:

## Environmental Compliance

Sample copy is available on request. Contact: [info@tatva.com](mailto:info@tatva.com) | 020-2610-2010

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# BEIL INFRASTRUCTURE LTD.

## ANALYTICAL RESEARCH LABORATORY

### Phase - III Monitoring of Gas Vent Provided in SLF

Annexure - V Page 3/3

Sr. No.	Location	VOC			H <sub>2</sub> S		
		Results in ppb			Results in ppm		
		09-OCT-21	06-NOV-21	10-DEC-21	09-OCT-21	06-NOV-21	10-DEC-21
1	VENT -1	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -2	0.1	BDL	0.1	BDL	BDL	BDL
3	VENT -3	BDL	BDL	BDL	BDL	BDL	BDL
4	VENT -4	BDL	BDL	BDL	BDL	BDL	0.1
5	VENT -5	BDL	BDL	BDL	0.1	BDL	BDL
6	VENT -6	BDL	BDL	BDL	BDL	BDL	BDL
7	VENT -7	0.1	0.1	BDL	BDL	0.1	BDL
8	VENT -8	BDL	BDL	BDL	BDL	BDL	BDL
9	VENT -9	BDL	BDL	BDL	BDL	BDL	BDL
10	VENT -10	BDL	BDL	0.1	BDL	BDL	BDL
11	VENT -11	BDL	BDL	BDL	BDL	BDL	BDL
12	VENT -12	BDL	BDL	BDL	BDL	BDL	BDL

FOR BEIL INFRASTRUCTURE LTD.

Mr. Ajay Patel  
(Executive -QA)

AUTHORIZED SIGNATORY  
Mr. SATHISHKUMAR GADDAM



# BEIL INFRASTRUCTURE LTD.

## ANALYTICAL RESEARCH LABORATORY

### Phase - II Monitoring of Gas Vent Provided in SLF

Annexure - V Page 2/3

Sr. No.	Location	VOC			H <sub>2</sub> S		
		Results in ppb			Results in ppm		
		09-OCT-21	06-NOV-21	10-DEC-21	09-OCT-21	06-NOV-21	10-DEC-21
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -03	BDL	BDL	BDL	BDL	BDL	BDL
4	VENT -04	BDL	BDL	BDL	BDL	BDL	BDL
5	VENT -05	BDL	BDL	0.1	BDL	BDL	BDL
6	VENT -06	BDL	BDL	BDL	BDL	BDL	BDL
7	VENT -07	BDL	BDL	BDL	BDL	BDL	0.1
8	VENT -08	BDL	BDL	BDL	BDL	BDL	BDL
9	VENT -09	BDL	0.1	BDL	BDL	BDL	BDL
10	VENT -10	BDL	BDL	BDL	BDL	BDL	BDL
11	VENT -11	BDL	BDL	BDL	BDL	BDL	BDL
12	VENT -12	0.1	BDL	0.1	BDL	BDL	BDL
13	VENT -13	BDL	BDL	BDL	BDL	BDL	BDL
14	VENT -14	BDL	BDL	BDL	BDL	BDL	BDL
15	VENT -15	BDL	BDL	BDL	BDL	BDL	BDL
16	VENT -16	BDL	BDL	BDL	BDL	BDL	0.1
17	VENT -17	BDL	BDL	0.1	BDL	BDL	BDL
18	VENT -18	BDL	BDL	BDL	BDL	BDL	BDL
19	VENT -19	BDL	BDL	BDL	BDL	BDL	BDL
20	VENT -20	BDL	0.1	BDL	BDL	BDL	BDL
21	VENT -21	BDL	BDL	BDL	BDL	BDL	BDL
22	VENT -22	BDL	BDL	BDL	BDL	BDL	BDL
23	VENT -23	BDL	BDL	BDL	BDL	BDL	BDL
24	VENT -24	0.1	BDL	BDL	BDL	BDL	BDL
25	VENT -25	BDL	BDL	BDL	BDL	BDL	BDL
26	VENT -26	BDL	BDL	BDL	BDL	BDL	BDL
27	VENT -27	BDL	BDL	BDL	BDL	BDL	BDL
28	VENT -28	BDL	BDL	BDL	BDL	0.1	BDL
29	VENT -29	BDL	BDL	0.1	0.1	BDL	BDL
30	VENT -30	BDL	0.1	BDL	BDL	BDL	0.1
31	VENT -31	BDL	BDL	BDL	BDL	BDL	BDL
32	VENT -32	BDL	BDL	BDL	BDL	BDL	BDL
33	VENT -33	BDL	BDL	BDL	BDL	BDL	BDL

  
Mr. Ajay Patel  
(Executive -QA)

FOR BEIL INFRASTRUCTURE LTD.

  
AUTHORIZED SIGNATORY  
Mr. SATHISHKUMAR GADDAM





# BEIL INFRASTRUCTURE LTD.

## ANALYTICAL RESEARCH LABORATORY

### Phase - I Monitoring of Gas Vent Provided in SLF

Annexure - V Page 1/3

Sr. No.	Location	VOC			H <sub>2</sub> S		
		Results in ppm			Results in ppm		
		09-OCT-21	06-NOV-21	10-DEC-21	09-OCT-21	06-NOV-21	10-DEC-21
1	VENT -01	BDL	BDL	BDL	BDL	BDL	
2	VENT -02	BDL	BDL	BDL	BDL	BDL	
3	VENT -03	BDL	BDL	BDL	BDL	BDL	
4	VENT -04	0.1	BDL	0.1	0.1	BDL	
5	VENT -05	0.1	BDL	BDL	BDL	0.1	
6	VENT -06	BDL	BDL	BDL	BDL	BDL	
7	VENT -07	BDL	BDL	BDL	BDL	BDL	
8	VENT -08	BDL	BDL	BDL	BDL	BDL	
9	VENT -09	BDL	0.1	BDL	BDL	BDL	
10	VENT -10	BDL	BDL	BDL	BDL	BDL	
11	VENT -11	BDL	BDL	BDL	0.1	BDL	
12	VENT -12	BDL	BDL	0.1	BDL	BDL	
13	VENT -13	BDL	BDL	BDL	BDL	BDL	
14	VENT -14	BDL	BDL	BDL	BDL	0.1	
15	VENT -15	0.1	BDL	BDL	BDL	BDL	
16	VENT -16	BDL	BDL	BDL	BDL	BDL	
17	VENT -17	BDL	BDL	BDL	BDL	BDL	
18	VENT -18	BDL	BDL	BDL	BDL	0.1	
19	VENT -19	BDL	BDL	BDL	BDL	BDL	
20	VENT -20	BDL	BDL	BDL	BDL	BDL	
21	VENT -21	BDL	BDL	BDL	BDL	BDL	

FOR BEIL INFRASTRUCTURE LTD.

  
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# BEIL INFRASTRUCTURE LTD.


## ANALYTICAL RESEARCH LABORATORY

Annexure - V Page 1/3

Sr. No.	Location	VOC			H <sub>2</sub> S		
		Results in ppm			Results in ppm		
		06-Jan-22	08-Feb-22	13-Mar-22	06-Jan-22	08-Feb-22	13-Mar-22
1	VENT -01	BDL	0.1	BDL	BDL	BDL	
2	VENT -02	BDL	BDL	0.1	0.1	BDL	
3	VENT -03	BDL	BDL	BDL	BDL	0.1	
4	VENT -04	BDL	BDL	BDL	BDL	0.1	
5	VENT -05	BDL	BDL	BDL	BDL	BDL	
6	VENT -06	BDL	BDL	BDL	BDL	BDL	
7	VENT -07	BDL	BDL	0.1	BDL	BDL	
8	VENT -08	BDL	BDL	BDL	BDL	BDL	
9	VENT -09	BDL	0.1	BDL	BDL	0.1	
10	VENT -10	BDL	BDL	BDL	BDL	BDL	
11	VENT -11	BDL	BDL	BDL	0.1	BDL	
12	VENT -12	BDL	BDL	BDL	BDL	BDL	
13	VENT -13	BDL	BDL	BDL	BDL	BDL	
14	VENT -14	0.1	BDL	BDL	BDL	BDL	
15	VENT -15	BDL	0.1	BDL	BDL	0.1	
16	VENT -16	BDL	BDL	BDL	BDL	BDL	
17	VENT -17	BDL	BDL	0.1	BDL	BDL	
18	VENT -18	BDL	BDL	BDL	BDL	BDL	
19	VENT -19	BDL	BDL	BDL	0.1	BDL	
20	VENT -20	BDL	BDL	BDL	BDL	BDL	
21	VENT -21	0.1	BDL	BDL	BDL	BDL	

  
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# BEIL INFRASTRUCTURE LTD.

## ANALYTICAL RESEARCH LABORATORY

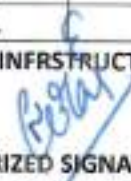
### Phase - II Monitoring of Gas Vent Provided in SLF

Annexure - V Page 2/3

Sr. No.	Location	VOC			H <sub>2</sub> S		
		Results in ppb			Results in ppm		
		06-Jan-22	08-Feb-22	13-Mar-22	06-Jan-22	08-Feb-22	13-Mar-22
1	VENT -01	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -02	BDL	BDL	BDL	BDL	BDL	BDL
3	VENT -03	BDL	BDL	BDL	BDL	BDL	BDL
4	VENT -04	BDL	BDL	0.1	0.1	BDL	BDL
5	VENT -05	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT -06	0.1	BDL	BDL	BDL	BDL	0.1
7	VENT -07	BDL	BDL	BDL	BDL	BDL	BDL
8	VENT -08	BDL	BDL	BDL	BDL	BDL	BDL
9	VENT -09	BDL	BDL	BDL	BDL	BDL	BDL
10	VENT -10	BDL	0.1	BDL	BDL	BDL	BDL
11	VENT -11	BDL	BDL	BDL	BDL	0.1	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	0.1	BDL	BDL	BDL
16	VENT -16	BDL	BDL	BDL	BDL	BDL	BDL
17	VENT -17	0.1	BDL	BDL	BDL	BDL	BDL
18	VENT -18	BDL	BDL	BDL	BDL	BDL	BDL
19	VENT -19	BDL	BDL	BDL	BDL	BDL	BDL
20	VENT -20	BDL	BDL	BDL	BDL	BDL	BDL
21	VENT -21	BDL	BDL	BDL	BDL	BDL	0.1
22	VENT -22	BDL	BDL	BDL	0.1	BDL	BDL
23	VENT -23	BDL	0.1	BDL	BDL	BDL	BDL
24	VENT -24	BDL	BDL	BDL	BDL	BDL	BDL
25	VENT -25	BDL	BDL	BDL	BDL	BDL	BDL
26	VENT -26	BDL	BDL	BDL	BDL	BDL	BDL
27	VENT -27	0.1	BDL	BDL	BDL	BDL	BDL
28	VENT -28	BDL	BDL	BDL	BDL	0.1	BDL
29	VENT -29	BDL	BDL	0.1	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	BDL	BDL	BDL	0.1

FOR BEIL INFRASTRUCTURE LTD.

  
Mr. Ajay Patel  
(Executive - QA)

  
AUTHORIZED SIGNATORY  
Mr. SATHISHKUMAR GADDAM

Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar – 393 002. Dist.- Bharuch (Gujarat) Phone:(02646)

253135,225228, 222833, Fax: (02646) 222849 Email Id:- sathish.gaddam@beil.co.in

CIN NO: U45300GJ1997PLC032696



# BEIL INFRASTRUCTURE LTD.

## ANALYTICAL RESEARCH LABORATORY

### Phase - III Monitoring of Gas Vent Provided in SLF

Annexure - V Page 3/3

Sr. No.	Location	VOC			H <sub>2</sub> S		
		Results in ppb			Results in ppm		
		06-Jan-22	08-Feb-22	13-Mar-22	06-Jan-22	08-Feb-22	13-Mar-22
1	VENT -1	BDL	BDL	BDL	BDL	BDL	BDL
2	VENT -2	BDL	BDL	0.1	BDL	BDL	BDL
3	VENT -3	BDL	BDL	BDL	BDL	BDL	BDL
4	VENT -4	0.1	BDL	BDL	0.1	BDL	BDL
5	VENT -5	BDL	BDL	BDL	BDL	BDL	BDL
6	VENT -6	BDL	BDL	BDL	BDL	0.1	BDL
7	VENT -7	BDL	BDL	BDL	BDL	BDL	BDL
8	VENT -8	BDL	0.1	BDL	BDL	BDL	BDL
9	VENT -9	BDL	BDL	BDL	BDL	BDL	BDL
10	VENT -10	BDL	BDL	BDL	BDL	BDL	BDL
11	VENT -11	BDL	BDL	BDL	0.1	BDL	0.1
12	VENT -12	BDL	BDL	BDL	BDL	BDL	BDL

FOR BEIL INFRASTRUCTURE LTD.

  
Mr. Ajay Patel  
(Executive -QA)

  
AUTHORIZED SIGNATORY  
Mr. SATHISHKUMAR GADDAM

Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar – 393 002. Dist.- Bharuch (Gujarat) Phone:(02646)

253135,225228, 222833, Fax: (02646) 222849 Email Id:- sathish.gaddam@beil.co.in

CIN NO: U45300GJ1997PLC032696



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

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

**NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION**

Project Name:	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. <b>NOC No.:</b>	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. <b>Valid from:</b>	10/02/2021	7. <b>Valid up to:</b>	09/02/2024									
8. Ground Water Abstraction Permitted:												
	Fresh Water		Saline Water	Dewatering		Total						
	m <sup>3</sup> /day	m <sup>3</sup> /year	m <sup>3</sup> /day	m <sup>3</sup> /year	m <sup>3</sup> /day	m <sup>3</sup> /year	m <sup>3</sup> /day	m <sup>3</sup> /year				
	527.00	192355.00										
9. Details of ground water abstraction /Dewatering structures												
	<b>Total Existing No.:1</b>						<b>Total Proposed No.:0</b>					
	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.

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

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये  
SAVE WATER - SAVE LIFE

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

**Mandatory conditions:**

- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website ([www.cgwa-noc.gov.in](http://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 m<sup>3</sup>/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 m<sup>3</sup>/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.)**



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](http://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.

# CJI studies efficiency of judges

## Case Disposal Rate: Justice Dave Most Efficient

### SCORECARD

Judge	Listed matters	Hearings	Disposal	Difference	DISPOSAL OF CASES BY SC	
Justice T S Thakur	5,259	237	305	-48	36,472	
Justice A R Dave	3,419	54	432	-368		
Justice J S Khehar	3,907	240	266	-26		
Justice Dipak Misra	5,109	747	255	492		33,221
Justice J Chelameswar	5,377	275	208	67		39,747
Justice F M I Kalifulla	2,709	304	197	107		43,437
Justice Ranjan Gogoi	3,952	393	555	-162		33,888
Justice Madan B Lokur	4,402	252	303	-51		
Justice M Y Eqbal	3,523	370	286	84		
Justice V G Gowda	967	129	51	78		
Justice V Sen (retd)	2,452	302	156	146		
Justice P C Ghose	2,356	335	127	208		
Justice Kurian Joseph	2,517	225	85	140		

**Dhananjay Mahapatra**  
@timesgroup.com

New Delhi: Chief Justice of India T S Thakur recently conducted a first-of-its-kind internal study to assess the individual contribution of 13 senior judges, heading two or three-judge benches in the Supreme Court, in reducing pendency of cases. The conclusion: five of the judges chipped away from pendency while the others added to it.

Tackling pendency was always seen as a collective task in the Supreme Court and individual efforts of judges were seldom focused upon.

But CJI Thakur, after taking over on December 2, asked the SC register to determine how each of the 13 judges had performed in terms of disposal of cases in the past six months - from July to December 2015.

However, the index may not be an indicator of how the judges performed. One judge may have got cases involving complex questions of law or Constitutional is-

suings, requiring hearings running into days and impeding the bench from disposing of a large number of cases, while others may have handled simpler cases allowing them to score higher.

The study had just three parameters: number of cases listed before the judge, number of cases in which notice was issued (meaning that many cases were introduced into the justice delivery system) and number of cases disposed of.

The difference between the number of cases a judge

introduced into the system by issuing notice and the number of cases disposed of showed his disposal rate. If the number is positive, the judge disposed of more cases than he entertained; if negative, the judge contributed to the pendency.

The list compiled by the registry took into account the disposal by the judges till 11.55am on December 31, 2015. From the list compiled, only five of the 13 judges chip away from pendency. They, in order of disposal ranking, are - Justices A R Dave, Ranjan Gogoi, CJI

Thakur, Madan B Lokur and J S Khehar reduced pendency while the remaining eight contributed to it.

Justice Dipak Misra added the highest number of cases, followed by Justices P C Ghose, V Sen, Kurian Joseph, F M I Kalifulla, M Y Eqbal, V G Gowda and J Chelameswar. Justice Sen retired on December 30.

In 2011, it was 36,472 cases; 33,221 in 2012; 39,747 in 2013; 43,437 in 2014 and 39,888 in 2015.

# Animal origin indicators on cosmetics?

Dipak Dash@timesgroup.com

New Delhi: The consumer affairs department has called a meeting of all the stakeholders in the cosmetics, toiletries and toiletries sector next week to understand their viewpoint on enforcing the "red or brown" and green dots indication on packed products specifying whether the product contains ingredients that are of animal origin.

Sources said that women and child welfare minister and animal welfare activist Maneka Gandhi has been pushing for such signs on every item so that the consumer is aware of what product he/she is using. "She wants the labeling should be on cosmetics, toothpastes and toiletries. This will prevent vegetarians using any product with animal ingredient unknowingly," said a consumer affairs department official.

In June 2014, the department had come out with a notification making it compulsory for "every package containing soap, shampoo, toothpaste and other cosmetics and toiletries" to bear at the top of its principal display panel a red or a brown dot for products of non-vegetarian origin and a green dot for products of vegetarian origin.

But the Indian Beauty and Hygiene Association had challenged this notification in Bombay high court.

# Incredible India: Big B may replace Aamir

TIMES NEWS NETWORK



Bachchan's promotion of Gujarat makes him the favourite to succeed Aamir

New Delhi/Mumbai: Megastar Amitabh Bachchan, the brand ambassador of Gujarat Tourism, on Thursday emerged as the Centre's first choice to replace Aamir Khan as brand ambassador of Incredible India.

Others in the fray are actors Akshay Kumar, Deepika Padukone and Priyanka Chopra, sources said. The search for a new brand icon began after the Union tourism ministry confirmed on Wednesday that it would not renew its contract with the advertising agency which had picked Aamir as the face of the campaign.

At the same time, sources close to Bachchan said that the government was yet to make a formal proposal to the 73-year-old actor.

The speculation regarding his acceptance of the new role might have been triggered by a tweet from an un-

verified Twitter account that said he (Bachchan) "was willing to be the face of Incredible India," the sources said. Bachchan's "non-controversial image", ministry insiders said, has loaded the search in his favour, adding that his promotion of tourism in Gujarat led to an "upsurge" in the state's popularity as a holiday destination.

Aamir's comment on "growing intolerance" in India had created a huge controversy and invited criticism from BJP. "Whether I am brand ambassador or not, India will remain incredible, and if so, who that ambassador should be," Aamir said.

Aamir for the job. Now the contract with the agency is over. The ministry had not hired Aamir since the contract with the agency is over, automatically the arrangement with the actor no longer exists.

Aamir responded saying he respected the government's decision to "discontinue" with his services while stating he never charged any money for the campaign. "It's the prerogative of the government to decide whether it needs a brand ambassador, and if so, who that ambassador should be," Aamir said.

# Jolt for Cong, BJP in Haridwar polls

Tapan Sushbeel & Kaarhya Singh | 11/16

Roorkee/Kaushik: In a big blow to the two major political parties in Uttarakhand, independent candidates have won the maximum number of seats in the recently concluded zila panchayat elections in Haridwar district, results of which were declared on Thursday. While Bahujan Samaj Party has won 16 of the 47 seats, ruling Congress has had trouble for the first time winning with 11 seats. But what has come as a shock is that BJP has won just three seats.

The BSP camp was jubilant. "It (our victory) is a befitting reply by the citizens of Haridwar district to Congress, which had tried to destroy us. We are sure we will constitute our own board this time also," said former MLA Mohan Singh (BJP).

In 2010, too, the BSP had formed its own board, with the support of inde-

## SP sweeps UP zila panchayat polls

Lucknow: The ruling Samajwadi Party swept the UP district panchayat chairmen's poll with a tally of 60 seats out of possible 74 after Thursday's voting. The party, which had won 36 out of 68 seats in the polls, which had been decided without contest, won 24 more after the voting, striking a blow to BJP, which lost in PM Narendra Modi's constituency Varanasi and state chief Leelam Kant Bajpey's constituency. **Exam: 7/4**

The board was dissolved by the state government in 2015 after a sum of Rs 1 crore was seized by the Uttar Pradesh police near Bareilly on September 15, 2015 from the official car of Anjum Begum, then chairperson of the zila panchayat board. She has been re-elected from Beldi Salhpur ward.

## Public Notice ENVIRONMENTAL CLEARANCE

It is hereby notified that the Ministry of Environment, Forest & climate Change (MoEF & CC), Indra Prayagvaran Bhavan, Jor Bagh Road, New Delhi - 3 has accorded Environmental Clearance for Proposed Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF) Phase-III Secured Landfill by Bharuch Enviro Infrastructure Ltd. (BEIL) at Plot no. 9701-9716, 9801-9828, 9901-9928, 9901-9904, 10001-10008, G-7 & 7924-7927, 9401-9412, 9501-9506, 7905 E to H, GIDC Industrial Estate, Ankleshwar, Dist. Bharuch-393 002, Gujarat vide letter No. F.No.10/10/2014-IA.III dated 31/12/2015, under the provision of EIA Notification dated 14th September 2006.

Copies of Clearance letter are available at GPCB and on website [www.envfor.nic.in](http://www.envfor.nic.in).

**B. D. DALWADI**  
(CHIEF EXECUTIVE OFFICER)

**INDUS UNIVERSITY**  
This is to inform all concerned, stakeholders and well-wishers that Indus University was recognized by a logo, a Registered Trade Mark, shown on left side in above image. Now, Indus University is adopting new logo shown on right side in above image which is also Registered since January 2016.

**Institute for Plasma Research**  
HEAR INDORA BRIDGE, BHAT, GANDHINAGAR 382 428  
GUJARAT STATE, INDIA.  
Tel: 079-22922000 Fax: 079-22922777 Web: [www.ipr.res.in](http://www.ipr.res.in)

**National Science Day Celebration**  
8 and 9th January, 2016

**INDUS UNIVERSITY**  
1<sup>st</sup> Convocation of Indus University is scheduled on Saturday, 23rd January, 2016 at Indus University Campus.

- List of eligible Students to receive Degrees and Medals are requested to refer website: [www.indusuni.ac.in](http://www.indusuni.ac.in) for details.
- Awardees of degrees & Medals are requested to confirm their participation or query, if any, by 16<sup>th</sup> January 2016 on e-mail: [convocation2016@indusuni.ac.in](mailto:convocation2016@indusuni.ac.in)

Ranchahda, Via: Thaltej, Ahmedabad - 382115.  
Telefax: +91 2784 220 277 / 278 1279 + e-mail: [ind@indusuni.ac.in](mailto:ind@indusuni.ac.in)

**GOVERNMENT OF INDIA DEPARTMENT OF SPACE**

**वैज्ञानिक की अधिसूचना / Vacancy Notification**  
दिनांक 01.01.2016/2016-1/2013-V दिनांक 08.01.2016

Advertisement No. ML-200116/2013-V dated 08.01.2016

वैज्ञानिक अधिसूचना, अधिसूचना, अधिसूचना, अधिसूचना के अन्तर्गत एक वैज्ञानिक पद के लिए ₹76000 - (एच.ए. 3% की सेवा शुल्क के साथ) - 78000 के एक पद की अधिसूचना के अन्तर्गत एक वैज्ञानिक पद के लिए अधिसूचना की जा रही है।

Department of Space is looking for a suitable candidate for the position of Director, Physical Research Laboratory, Ahmedabad, an Autonomous Body under the Department of Space, Govt. of India. HAG scale of ₹76000 (Annual increment @ 3%) - 78000 on immediate absorption basis.

अधिक जानकारी के लिए दिनांक 15.02.2016 तक।  
The last date for receipt of application is 15.02.2016.

एच.ए. 3% की सेवा शुल्क के साथ, अनु. सीमा शुल्क के लिए वेबसाइट [www.isro.gov.in](http://www.isro.gov.in) पर।  
For other details like qualification & experience, age limit etc. log on to website [www.isro.gov.in](http://www.isro.gov.in)

अनु. शुल्क, एच.ए. 3% की सेवा शुल्क के साथ, अनु. सीमा शुल्क के लिए वेबसाइट [www.isro.gov.in](http://www.isro.gov.in) पर।  
Addendum/corrigendum, if any, will be published only in the above website.

**V.O. CHIDAMBARAM PORT TRUST**  
TUTICORIN - 628 004, TAMILNADU.

Applications are invited in the prescribed format from the eligible candidates for the following Class - II post in the pay scale of Rs.16400-40500 in V.O. Chidambaram Port Trust:

Name of the Post: **First-Deputy-Assistant Safety Officer**  
No. of Post: **One (01)**

Essential:

- Graduation examination of Institute of Fire Engineers (London) or should have passed B.Sc. with Chemistry as one of the main subjects or B.E. (Fire) recognized by AICTE (All India Committee for Technical Education), Nagpur University.
- Should have undergone Divisional Fire Officers Course at National Fire Service College, Nagpur, or Advance Diploma Course at National Fire Service College, Nagpur.
- Possession of Heavy Vehicle Driving License.
- Should have served not less than 5 years in a Fire Service Organization in an industrial town in a rank not below Station Officer.
- Medical Standard: Height: 166 Cm Weight: 50 Kgs Chest Measurement: Normal-51 Cm. Eye - 6/6 Cm (Vision): Normal in both eyes, colour vision is essential and wearing of glasses is not permissible except to employees over the age of 40 years.
- Knowledge of swimming.

Age: **Between 30 and 45 years**  
(Age relaxation will be given for SC/ST & OBC as per rule)

The filled in application along with attested copies of educational experience and prescribed certificates by Gazetted Officer should reach the undersigned on or before 02.02.2016. For further details and application form please visit the Port Trust Website [www.voptortrust.com](http://www.voptortrust.com).

**DEPUTY CONSERVATOR**

**MSME**  
MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES  
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**FOR REGISTRATION CONTACT**  
M.P. Sharma (D.O.) & K. Verma (D.O.), I.S. Chandra (A.O.) & K. Srinivas (A.O.)  
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**MINISTRY OF ROAD TRANSPORT, HIGHWAYS & SHIPPING**  
GOVERNMENT OF INDIA

**Foundation Stone Laying of ROB-cum-Flyover at Ranichak on NH-41 in Haldia (West Bengal) with cost of ₹ 240 cr. on Friday, 8<sup>th</sup> January, 2016 at 11.30 a.m.**

By  
**Shri Nitin Gadkari**  
Hon'ble Union Minister of Road Transport, Highways & Shipping

In the august presence of  
**Shri Arup Biswas**  
Hon'ble Minister-in-charge, Housing and Youth Services  
Government of West Bengal

**Shri Suvendu Adhikari**  
Hon'ble Member of Parliament (L.S), Tamluk

Shri R P S Kahlon, IAS  
Chairman, KoPT, Government of India

Shri Raghav Chandra, IAS  
Chairman, MHAI, Government of India

Shri Sanjay Mitra, IAS  
Secretary, MERT&H, Government of India

**Venue**  
Near Haldia Dock Complex  
Ranichak, Haldia (West Bengal)

**All are cordially invited**  
Not Just Roads, Building A Nation







O/C

**BEIL INFRASTRUCTURE LIMITED**  
(formerly known as Bharuch Enviro Infrastructure Limited)

Ref: BEIL/ANK/2022-23/25

Date: 07.06.2022  
PCB ID # 14983

To,  
The Member Secretary  
Gujarat Pollution Control Board  
Paryavaran Bhavan  
Sector -- 10 / A,  
Gandhinagar -- 382 010

08/06/2022  
Gujarat Pollution Control Board  
Head Office  
Sector No. 10-A,  
Gandhinagar-382010

Dear Sir,

Sub: - Environmental Statement for the year 2021- 2022

We are forwarding herewith Environmental Statement for our TSDF Facility (Common Secured Landfill Facility, Common Incinerator Facility & Multi Effect Evaporator Facility) situated at BEIL INFRASTRUCTURE LIMITED, Plot No. 9701-9716, G.I.D.C. Estate, Ankleshwar -- 393 002, Dist. Bharuch, for the year 2021-2022.

We got CCA renewal vide order no. AWH-89137 on date 02.11.2017 and is valid up to 31.07.2022.

We hope that the above is in order.

Thanking you.

Yours faithfully,  
For. **BEIL Infrastructure Limited**

Mr. B. D. Dalwadi  
(Chief Executive Officer)

Encl : a/a  
CC : The Regional Officer  
Gujarat Pollution Control Board  
Ankleshwar

RECEIVED  
Gujarat Pollution Control Board,  
R.O. Ankleshwar  
Date: 9/6/2022



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 1<sup>st</sup> August, 2017.

Dear Sir,


With Reference to the aforesaid Environmental Clearance F. No. 10-10/2014-IA-III dated 1<sup>st</sup> 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 11<sup>th</sup> Aug, 2017 and a vernacular language, Gujarati (SANDESH & Divya Bhaskar) Newspapers on 10<sup>th</sup> 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  
16/8/17

CIN No.: U45300GJ1997PLC032696

Works Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)  
Phones (02646) 253135, 225228 • Fax : (02646) 222849 • E-mail : panjwanla@uniphos.com  
Regd. Office : Plot No. 117-118, GIDC Estate, Ankleshwar 393 002, Dist.: Bharuch. (Gujarat)

Newspaper

RG040138339TH IVR:8271040138339  
RL ANKLESHWAR IE SO <393002>  
Counter No:1.23/11/2020.13:30  
To:THE ADDI PRIN,BHOPAL  
PIN:462016. R.S.Nagar S.O  
From:BEIL INFRASTRUCTURE ,GIDC  
Hm:25.00(Cash)  
<Track on www.indiapost.gov.in>  
<Dial 18002666868> <Wear Masks. Stay Safe>



## BEIL INFRASTRUCTURE LIMITED

(Formerly Known As Bharuch Enviro Infrastructure Limited)

Date: 19.11.20  
PCB ID: 14983

To,  
The Additional Principal Chief Conservator of Forests (Central)  
Ministry of Environment, Forest & Climate Change  
Western Region Office,  
Kendriya Paryavaran Bhavan,  
Link Road No.3, E-5 Ravishankar Nagar  
Bhopal-462016

Sub: Environmental Clearance received for expansion of secured landfill (Phase IV) of Landfill Facility at (TSDF) at M/s. BEIL Infrastructure Limited, Ankleshwar unit.

Ref: Environmental Clearance F. No. 10-25/2019-IA-III dated 15<sup>th</sup> October, 2020

Respected Sir,

With Reference to the aforesaid Environmental Clearance F. No. 10-25/2019-IA-III dated 15<sup>th</sup> October 2020, which we have received on 16<sup>th</sup> 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 21<sup>st</sup> October, 2020 and in a vernacular language, Gujarati newspaper (Divya Bhaskar) on 20<sup>th</sup> 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

*20/11/2020*  
Gujarat Pollution Control Board  
Head Office  
Sector No. 10-A,  
Gandhinagar-382010

RECEIVED  
Gujarat Pollution Control Board,  
B.O. Ankleshwar  
19-11-2020

C.C: (1) Member Secretary  
Gujarat Pollution Control Board  
Paryavaran Bhavan, Sector-10/A, Gandhinagar-382010  
(2) Regional Officer  
Gujarat Pollution Control Board  
Ankleshwar

CIN No.: U45300GJ1997PLC032696

Regd. Office : Plot No. 9701-16 GIDC Estate, Post Box No. 82, Ankleshwar 393 002, Dist. : Bharuch (Gujarat)  
Phones (02646) 253135, 225228 • Fax : (02646) 222849 • E-mail : dalwadibd@beil.co.in

સામાજિક પ્રવૃત્તિઓ સાથે સંકળાયેલાં સેવક બાપુએ છેલ્લાં 47 વર્ષથી જૂના સિક્કાઓ એકત્ર કરવાનો શોખ ધરાવે છે. તેમના પિતા જે તે સમયે લોકોને વિદેશ મોકલવાનું કામ કરતાં હતા. તે સમયે અન્ય દેશમાં જઈને આવતાં તેમના પરિચીતો તેમના માટે જે તે દેશના જૂના સિક્કા-બેટ સોગાદો લાવતાં હતાં. તેમના પિતાએ જે તે વખતે જૂના સિક્કા નોટો સંગ્રહ

કરવાની શરૂઆત કરી હતી. જે બાદ તેમને જોઈને 7 વર્ષની ઉંમરથી જ ઝાહીદ રસીદ સેવક ઉર્ફે સેવક બાપુને પણ સિક્કા, પોસ્ટલ ટીકેટ તેમજ એન્ટીક વસ્તુઓ એકત્ર કરવાનો શોખ શરૂ થયો હતો. આજે તેમની પાસે સેંકડોની

લાખોમાં આકવામાં આવી રહી છે. કરોડોની કિંમતના સિક્કાઓના સંગ્રહ કર્યો હોવા છતાં હવે તેઓ તેને નિલામ કરવાનું વિચારી રહ્યાં છે. તેઓએ જણાવ્યું હતું કે, ઈંગ્લેન્ડ સહિતના મુલકમાં થતી ઓક્શનની પ્રક્રિયામાં જોડાઈ તેઓ તેમના કિંમતી સિક્કાઓની નિલામી કરવાની ઈચ્છા ધરાવી રહ્યાં છે. નિલામીમાંથી મળનારી રકમથી તેઓ હોસ્પિટલ શરૂ કરવા માંગે છે.

## સમાજ દ્વારા વિષ્ણુ સહસ્ત્ર યજ્ઞ કરાયો



રાજપીપલા | કોરોના મહામારીના સમયમાં સ્વર્ગવાસ થયેલાની આત્માની શાંતિ માટે યોજવામાં આવેલ વિષ્ણુ સહસ્ત્ર નામ પાઠ તથા સ્વાહાકાર યજ્ઞ કરવામાં આવ્યો હતો. જેમાં નર્મદા જિલ્લા ના રાજપીપલા શહેર માં કોરોના મહામારી આજે પણ ગઈ નથી અને હાલ નર્મદા જિલ્લા માં 1128 કેસ કોરોના ના થયા છે. અને શહેરમાં કોરોના ના મૃત્યુ આંક માત્ર કાછીયાવાડ માં 30 જેટલા વ્યક્તિ ઓન મોત થયા છે. ત્યારે કોરોના કેસમાં વધારો ન થાય માટે રાજપીપલા કાછીયાવાડ વિસ્તારમાં આવેલ લક્ષ્મીનારાયણ મંદિરમાં નવરાત્રી દરમ્યાન માની પૂજા કરવામાં આવી એ પહેલા કોરોના મહામારી ના સમયમાં રાજપીપલા માં સ્વર્ગવાસ થયેલા જીવાત્માના શાંતિ માટે અધિક માસમાં દરરોજ 100 થી વધુ વિષ્ણુ સહસ્ત્રના પાઠ 30 દિવસ સુધી સતત કરવામાં આવ્યા હતા. કુલ 3000 થી વધુ પાઠ કરવામાં આવ્યા હતા. આ પાઠનો દસાન્સ નામાવલી યજ્ઞ કરવામાં આવ્યો હતો. અમાસ ના દિવસે સમૂહ આરતી ઉતારવામાં આવી હતી ઉપરાંત પાઠમાં ભાગ લેનાર 35 ભક્તજનોનું સન્માન કરવામાં આવ્યું હતું હવે જિલ્લામાં કોરોના મહામારી ન વધે માટે યજ્ઞમાં 20,000 આહુતિ આપવામાં આવી હતી. સમાજમાં આ

ક્રમ સમગ્ર કાર્યક્રમનું આયોજન કાછીયાપટેલ જ્ઞાતિ સમાજ દ્વારા કરવામાં ચેરમેન ભુપિન કાછીયા સહીત કારોબારી સભ્યો હાજર રહ્યા હતા.

## રોટરેક્ટ ક્લબ ઓફ નર્મદા નગરી દ્વારા મહિલા સફાઈ કર્મીઓનું સન્માન કર્યું



ભરૂચ | ભરૂચમાં રોટરેક્ટ ક્લબ ઓફ નર્મદા નગરી અને નહેરૂ યુવા કેન્દ્રના સહયોગથી પ્રોજેક્ટ શક્તિ વંદના અંતર્ગત પાલિકામાં મહિલા સફાઈ કર્મચારીને સન્માનિત કરવામાં આવ્યા હતા. જ્યારે પાલિકા પ્રમુખ સુરભી તમાકુવાલા અને મહિલા સેનેટરી ઈન્સપેક્ટરને પણ સન્માનિત કરવામાં આવ્યા હતા. આ પ્રસંગે સેનેટરી ચેરમેન સતીશ મિસ્ત્રી, રોટરેક્ટ ચેરમેન દિવ્યજીતસિંહ ઝાલા, પ્રમુખ જૈમિન વ્યાસ, ક્ષત્રિવ નવીન નહારીયા, નેલસન સુતરીયા અને પૂર્વ પ્રમુખ પૂજા વિભાડીકે હાજર રહ્યાં હતા.

## ભરૂચના વોર્ડ નં.11 માં પે & યુઝ શૌચાલય રીનોવેશન કર્યા બાદ ખુલ્લું મુકવામાં આવ્યું



ભરૂચ | ભરૂચ નગર સેવાસદન ગુજરાત મ્યુનિસિપલ કાર્પોરેશન બોર્ડ નિર્મિત વોર્ડ નં 11 કોઠી વિસ્તારમાં આવેલા પે એન્ડ યુઝ શૌચાલયનું રીનોવેશન કરવા બંધ કરાયું હતું. જેની તમામ પ્રકારની કામગીરી પૂર્ણ થતા સોમવારના રોજ તેને સ્થાનિક લોકો માટે ખુલ્લું મુકાયું હતું. આ પ્રસંગે પાલિકા પ્રમુખ સુરભી તમાકુવાલાના હસ્તે શુભારંભ કરાયો હતો. આ પ્રસંગે સ્થાનિક પાલિકા સભ્ય રાજેશ ચૌહાણ, કારોબારી ચેરમેન નરેશ સુથારવાલા અને મુખ્ય અધિકારી સંજય સોની હાજર રહ્યાં હતા.

**ગાંધી સ્તંભ**  
**(પર્ચાઇઝીય મંજૂરી)**

આ સાથે જણાવવામાં આવે છે કે, મિનિસ્ટ્રિ ઓફ એન્વાયરોમેન્ટ, હોરેસ્ટ એન્ડ ક્લાઇમેટ ચેન્જ (1A, III section) ઈન્ટિરા પર્ચાઇઝીય ભવન, ગેર બાગ રોડ, નવી દિલ્હી-3 દ્વારા ભરૂચ એન્વાયરો ઈન્ફ્રાસ્ટ્રક્ચર લિમિટેડ, પ્લોટ નં. ૯૭૦૧-૧૬, ૯૬૦૧-૯૬૦૪, ૯૮૦૧-૯૮૨૮, ૯૯૦૧-૯૯૦૬, ૧૦૦૦૧-૧૦૦૦૩, ૭ ૭/૮, ૭૯૨૪-૭૯૨૭, ૯૪૦૧-૯૪૧૨, ૯૫૦૧-૯૫૦૬, ૭૯૦૫ થી ઈ થી એચ નજીકનું (adjoining) જી.આઈ.ડી.સી. ઈન્ડસ્ટ્રીયલ એસ્ટેટ, અંકલેસ્પર-૩૯૩૦૦૨ (ગુજરાત) ખાતે ઠાલના ફેસ-IV લેન્ડફીલ સુવિધાનું વિસ્તૃતિકરણ કરવા માટેની પર્ચાઇઝીય મંજૂરી ક્રમાંક નં. F.NO. 10-25/2019-IA-III તા. ૧૫-૧૦-૨૦ દ્વારા ઈ.આઈ.એ. નોટીફિકેશન તા. ૧૪ સપ્ટેમ્બર ૨૦૦૬ જોગવાઈ હેઠળ આપેલ છે. જે અમને તા. ૧૬-૧૦-૨૦ના રોજ વેબસાઇટ દ્વારા મળેલ છે.

કલીયરન્સ પત્રની નકલ ગુજરાત પોલ્યુશન કન્ટ્રોલ બોર્ડની વેબસાઇટ ઉપર ઉપલબ્ધ છે.

**બી.ડી.દલવાડી**  
**(ચીફ એક્ઝીક્યુટીવ ઓફીસર)**

તા. ૧૭-૧૦-૨૦૨૦

**નાયબ કલેક્ટર અને સબડીવીઝનલ મેજિસ્ટ્રેટની કચેરી અંકલેસ્પર**

તાલુકા સેવાસદન અંકલેસ્પર (પ્રથમ માળ) જૂના નેશનલ હાઇવે નં. ૮, રેશન શેડ, અંકલેસ્પર-૦૧, રોડ (કેડસ) નં. ૦૨૬૪૨-૨૨૭૪૮ E-mail ID : sdm-bha@gujarat.gov.in

ક્રમાંક: એમએચ/૧૧મ-મરણ અપીલ નં.૧૨૩/૨૦૨૦/૫૫૧/૨૬૫૧ થી રૂબરૂ તારીખ: ૫/૧૦/૨૦૨૦

અરજદારશ્રી: અણેશભાઈ ભીખાભાઈ પટેલ, રહે. ધંતુરીયા, તા. અંકલેસ્પર, જી. ભરૂચ

**વિષય**

સામાવાળા : ત.ક. મંત્રી ધંતુરીયા, તા. અંકલેસ્પર, જી. ભરૂચ.

વિષય : ૧૧મ-મરણ અપીલનં-૧૯૬૯ ની કલમ-૧૩(૩) મુજબ ૧૧મ-મરણની નોંધણી કરાવવા પ્રાપ્તની અપીલ આથી ગાંધી જન્મદિને તેમજ લાગતા વળગતા હિત ધરાવતા તમામ ઇસમોને આ ગાંધી નોટીસથી જાણ કરવામાં આવે છે કે, ઉપરોક્ત વિષયના અરદારશ્રી અણેશભાઈ ભીખાભાઈ પટેલ, રહે. ધંતુરીયા, તા. અંકલેસ્પર, જી. ભરૂચ તેઓના માતા સોમીબેન ભીખાભાઈ પટેલ નું મરણ તા. ૩૦-૦૧-૨૦૦૫ ના રોજ ધંતુરીયા, તા. અંકલેસ્પર, જી. ભરૂચ મુકામે થયેલ. પરંતુ જે તે સમય દરમ્યાન ધંતુરીયા ગામે મરણ રજીસ્ટરમાં તેની નોંધ થયેલ નથી તેવું અમારી સમક્ષ ગાંધી કમિશનર તેઓના મરણની નોંધ સામાવાળાના મરણ રજીસ્ટરે નોંધણી કરાવવા સારૂ અનેની કોર્ટમાં અરજ દાખલ કરેલ છે.

વાસ્તે સહરૂં અરજદારની અરજ સામે જે કોઈ લાગતા વળગતા ઇસમોને વાંધે તકરાર હોય તો તેમણે અનેની કોર્ટમાં નોટીસ પ્રતિધ્વ શ્વેથી દિન-૧૫ માં લેખિતમાં પોતાના વાંધા તકરાર રજૂ કરવા. જો તેમ કરવામાં કસૂર કરશે તો આ કોર્ટ સદર અરજ અને કાચદેતરની આગળની કાચવાહી કરશે. જેની નોંધ લેશે.

આજ રોજ તા. ૫મી ઓક્ટોબર-૨૦૨૦ ના રોજ મારી સહી તથા કોર્ટનો સિક્કો કરીને આપ્યો.

(આર.કે.ભગોરા) સબ ડીવીઝનલ મેજિસ્ટ્રેટ, અંકલેસ્પર

Over Bridge in lieu of Level Crossing of Itarva Sisodra Road K.M. 0/0 to 7/6 from the Act.

SCHEDULE	
TALEUKA- Jalalpure	Village: Eru
ACQUIRED LAND	Purpose
10-35	Construction of Railway Over Bridge in lieu of Level Crossing of LC. No. 124 C at Railway Km 234/4 - 6 on Eru Itarva Sisodra Road K.M. 0/0 to 7/6 for purpose of Private land acquisition
0-01-43	
Name of Governor of Gujarat. Sd/- (H. J. Rathod)	
Under Secretary to Government, Revenue Department	

**PUBLIC NOTICE ENVIRONMENTAL CLEARANCE**

Whereby informed that the Ministry of Environment Forest and Climate Change (IA, III Section), 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, 7924-7927, 9401-9412, 9501-9506, 7905 E to adjoining, GIDC Ankleshwar-393002 (Gujarat) vide letter No. P. 10-25/2019-IA-III dated 15/10/20 under the provision of Notification dated 14th September 2006, which we have given on 16/10/20 through website. Copies of Clearance letter are available on Our Website. Dt. 17/10/2020

B D Dalwadi  
(CHIEF EXECUTIVE OFFICER)

**PUBLIC NOTICE**

Resigned **VINODCHANDRA TRIKAMLAL PATEL** Residence : 27, Bungalow, Opp. Surdhara Society, Dolphin Circle, At : Naroda, Vadod. I give public notice that there is a Shed No. 218 in Makarpura, Vadodara and in that shed there is a **Vipor Chemicals Pvt. Ltd.** Aforesaid shed No. 218 and Vipor Chemical Pvt. and other family member's has filed Civil suit Number : 100 In the Court of Principal Civil judge Vadodara. So that do not execute any agreement or Transitions or any transfer or any other act or any other evidence for theat **Vipor Chemicals Pvt. Ltd.** shed No. 218 of G.I.D.C. in Makarpura Vadodara. Such all acts should be void by this public notice.

Dt. 07/10/2020

**HABIBKHAN R. PATHAN (ADVOCATE)**

A-3, Jumma Masjid Building, Opp. Old Court Compound, Kapadwanj, 387620, Dist. Kheda. Mo. 9898704043

**PUBLIC NOTICE**

Undersigned the owner and in possession of the schedule property and I have decided to sell the schedule property for which I want to carry out investigation of the title deed of the said property. By this public notice I call upon that all persons having and claiming any estate, right, interest or demand whatsoever to or in respect the said property, whether by way of sale, lease, sub lease, charge, lien, tenancy, sub-tenancy, license, gift, inheritance, mortgage, encumbrance or otherwise howsoever, to make the same known in writing along with documentary evidence in original in that regard to the undersigned whose address is provided within 15 (Fifteen) days from the date of publication of this notice failing which, any such claim shall be disregarded and shall be deemed to have been waived and or abandoned and Title Certificate shall duly be issued by the undersigned. Thereafter the owner first mentioned shall carry out the sale procedure of the schedule property.

**Schedule of the Property**

Plot No. 71 and parcel of the Immovable Residential Property being Plot No 71 in Shri Kunj Co. Op. Society Ltd lying on C.S. No. 447 of Meje Vadodara Kasba in Registration District Vadodara.

Plot No.	Admeasuring SqMetres	Name of The Owner
71	894 as per record of the Society/ 864.5 as per previous Sale Dead No 8621 Dt. 10.12.2012	Shahani Badal Kumar

Verma  
302, A-Square, 82, Urmi Society,  
Productivity Road, Vadodara.-390011  
M: 9825321122

Taluka : Gondal, Dist. : Rajkot has been accorded environmental clearance for our proposed project from MoEF & CC vide letter no. F. No. : J-11011/27/2019-IA-II(I) Date of issue : 15/10/2020 from New Delhi and the copy of the clearance letter available with the GPCB and may also be seen at the web site of MoEF & CC.

**PUBLIC NOTICE**

Project addition of 20 MW Turbine and Stand by Flare System within existing Carbon Black manufacturing facility of M/s Balkrishna Industries Limited, Bhuj (Kutch) has been accorded with Environmental Clearance vide File No. J-11011/162/2017-IA II (I) dated 15-10-2020 from Ministry of Environment, Forests and Climate Change, Government of India. The copies of the clearance letter are available with Gujarat Pollution Control Board and my also be seen at website of the Ministry of Environment, Forest and Climate Change and at <https://parivesh.nic.in>

For M/s Balkrishna Industries Limited

**PUBLIC NOTICE**

Environment clearance for the setting up of technical grade pesticides manufacturing unit at Plot No. 1249/1250, GIDC Sarigam, Vapi, Taluka Umbergaon, District. Valsad, Gujarat by M/s. Sandhya Organic Chemical Pvt. Ltd. (Unit-2).

This is to inform public that Ministry of Environment and Forest & Climate Change (IA Division), Government of India has accorded Environmental Clearance for setting up of technical grade pesticides manufacturing unit at Plot No. 1249/1250, GIDC Sarigam, Vapi, Taluka Umbergaon, District Valsad, Gujarat by M/s. Sandhya Organic Chemical Pvt. Ltd. (Unit-2). This Environment Clearance has given wide letter F.No. IA-J-11011/342/2019-IA-II(I) dated 15th October 2020 under EIA notification dated 14th September 2006. The photocopy of the stated Environment Clearance is available with Gujarat Pollution Control Board, Gandhinagar and same can also be seen at the Ministry of Environment and Forest & Climate Change at <http://envfor.nic.in>

Sd/- For Sandhya Organic Chemical Pvt. Ltd. (Unit-2), Sarigam




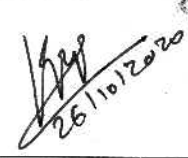
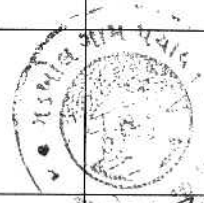
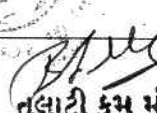
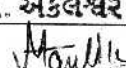
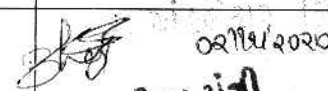
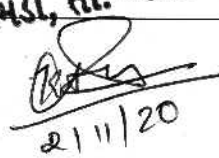
**LIFE INSURANCE CORPORATION OF INDIA**  
Vadodara Divisional Office, Estate Department, 2<sup>nd</sup> Floor, "Jeevan Prakash", Nr. Samta Police Chowky, Subhanpura, Vadodara - 390023.  
Tel.: 0265-2306761, e-mail : [estate.vadodara@licindia.com](mailto:estate.vadodara@licindia.com)

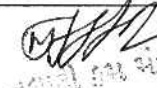




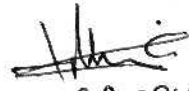

**Tender Notice**

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, 2<sup>nd</sup> 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 2<sup>nd</sup> & 4<sup>th</sup> Saturday, Sunday and holidays or log on to [www.licindia.in](http://www.licindia.in) and click on "Tenders" and then click on the link "Tender for Security Guards Services at various Offices/Premises under Vadodara Divisional Office." Pre-Bid meeting will be held on 26/10/2020 at 15.30 hrs. at above address. Any further information such as correction/addition/deletion in terms and conditions regarding this tender will be published at our website only. These amendments shall be binding to all the vendors/ Bidders. LIC of India reserves the right to accept or reject any or all offers in full / part without assigning any reasons whatsoever.

Last date for submitting bid documents is 16.00 hours on 10/11/2020.  
Dt: 21-10-2020, Place : Vadodara Sr. Divisional Manager

Environment Clearance of Proposed Expansion of Landfill (Phase IV) – BEIL Ankleshwar

Sr. No.	Address	Sign
1	Taluka Panchayat Office Ankleshwar	 28/10/20
2	Jilla Panchayat Office, Bharuch	 26/10/20
3	Taluka Panchayat Office, Jhagadia	પ્રત્ય ૩/૧૧/૨૦૨૦ સ્વામીની કારકુન તાલુકા પંચાયત કચેરી, જગડીયા
4	The Sarpanch Gram Panchayat - Gadkhol	 કે.મ.ભટ્ટ.શા.પંચ કેમ્યુ.ઓફિસ VEC તા.૫/૧૧/૨૦૨૦ શા.પં.ગા.પંચ
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	 02/11/20 તલાટી કમ મંત્રી કોસમડી, તા. અંકલેશ્વર.
8	The Sarpanch Gram Panchayat – Kapodara	 21/11/20

9	The Sarpanch Gram Panchayat – Bhadkodara	 તલાલી કમ મંત્રી ગ્રામ પંચાયત, ભાદકોદરા તા. અંકલેશ્વર, જિ. ભરૂચ
10	The Sarpanch Gram Panchayat – Andada	 તલાલી કમ મંત્રી ગ્રામ પંચાયત અંદાડા તા. અંકલેશ્વર, જિ. ભરૂચ
11	The Sarpanch Gram Panchayat – Jitali	 તલાલી કમ મંત્રી ગ્રામ પંચાયત જિતાલી તા. અંકલેશ્વર, જિ. ભરૂચ
12	The Sarpanch Gram Panchayat – Sarangpur	 તલાલી કમ મંત્રી સારંગપુર ગ્રામ પંચાયત
13	Mr. Yogesh P. Pandya Safety Health and Environment Association	 ૨૨૭૨૭૨
14	Mr. Jayesh Patel Centre For Environment science and community,	
15	Manish Rana, Paryavaran Mitra	 ૯૯૦૯૫૦૨૧૪૧
16	Ankleshwar Nagar Palika	 26/10 ૨૬/૧૦/૧૬ અંકલેશ્વર નગર પાલિકા સંચાલક



17	Notified Area Office, Ankleshwar	<p><b>NOTIFIED AREA RECEIVED</b>          Dt. 29/11/2020</p>
18	Notified Area Office, Panoli	<p><b>RECEIVED</b>          29/11/2020          District Collector Office          Panoli</p>
19	Notified Area Office, Jhagadia	<p><b>NOTIFIED AREA RECEIVED</b>          Dt. 03/11/2020          District Collector Office          Jhagadia</p>
20	Collector District collector office, Bharuch	<p><b>RECEIVED</b>          26/10/2020          District Collector Office          Bharuch</p>
21	The principle, Footwear Design & Development Institute	<p><b>FDDI ANKLESHWAR</b>          IN WARD          SL. NO. 28/10/2020          DATE 29/10/2020</p>
22	The principle, P.S School, Jitali	<p>SIGNATURE <i>S.K. Thakur</i>          28.11.2020</p>
23	The Principal Shree Gattu Vidyalaya, Ankleshwar	<p><i>[Signature]</i>          PRINCIPAL          SHREE GATTU VIDYALAYA          G.I.D.C. ANKLESHWAR</p>
24	The Principle, Smt Puspavati Devidas Shroff Sanskardeep Vidhyalaya Ankleshwar	<p><i>[Signature]</i>          PRINCIPAL  <b>SMT. PUSPAVATI DEVIDAS SHROFF</b>          SANSKARDEEP VIDYALAYA          G.I.D.C. ANKLESHWAR</p>

25	The Principle, Pioneer School, jitali	
26	The Principal Lions International Academy, Ankleshwar	218M1021111
27	The Principal Lion School Ankleshwar	P. K. Kulkarni 8870 AF12 96
28	The Principle Chanderbala Modi Academy, Ankleshwar	for R. K. Kulkarni Chanderbala Modi Academy, Kondh, Vadia 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	<b>DR. M. M. MISTRY</b> MBBS, C.M. BEIL INFRASTRUCTURE LTD. Site : Plot No.9701-9716, G.I.D.C. Estate, Ankleshwar -393 002, Dist. Bharuch.
32	Administration Office, ESIC Hospital	<i>M. M. Mistry</i> 29/10/2020

33	Smt. Jayaben Modi Hospital	<b>Dr. DARSHANA P. JOSHI</b> MBBS, CIH, G-20216 INDUSTRIAL PHYSICIAN Smt. Jayaben Mody Hospital GIDC, Ankleshwar.
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